Technical Guide: YORK® Sun™ Core KQ, KX, KY and KL 3 ton to 12.5 ton

R-454B, 60 Hertz

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www.york.com

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Contents

Product highlights....7
Patents....7
Options and accessories....8
Component location....9
Features and benefits....10
Factory installed options....15
Field installed accessories....19
Nomenclature....21
Accessories....22
AHRI cooling rating table....26
AHRI 270 outdoor sound power levels....26
Physical data....27
KQ04 to KQ06 physical data....27
KXA7 physical data....33
KY04 to KY06 physical data....35
KYA7 to KY12 physical data....41
KL04 to KL14 physical data....49
KQ/KX/KY/KL 04 to 14 unit limitations....64
Capacity performance....65
KQ04 to 06 cooling capacities....65
KXA7 cooling capacities....71
KY04 to 06 cooling capacities....73
KYA7 to 12 cooling capacities....79
KL04 to KL06 cooling capacities....87
KL08 to KL14 cooling capacities....93
Reheat performance....101
KY04 to 12 reheat capacities....101
KL04 to 14 reheat capacities....115
Drive selection....129
Airflow performance....130
Altitude and temperature correction for cfm, static pressure, and power....130
Altitude/temperature correction factors....131
Indoor blower specifications....133
RPM selection....135
Additional static resistance....136
Airflow performance....139
KQ04 to 06 side duct application (belt drive)....139
KQ04 to 06 bottom duct application (belt drive)....141
KXA7 side duct application (belt drive)....143
KXA7 bottom duct application (belt drive)....144

KY04 to 12 side duct application (belt drive)..... 145
KY04 to 12 bottom duct application (belt drive)..... 149
KL04 to KL06 side duct application (belt drive)..... 152
KL04 to KL06 bottom duct application (belt drive)..... 153
KL08 to KL14 side duct application (belt drive)..... 155
KL08 to KL14 bottom duct application (belt drive)..... 156
KQ04 to 06 side duct application (direct drive)..... 159
KQ04 to 06 bottom duct application (direct drive)..... 160
KY04 to 06 side duct application (direct drive)..... 161
KY04 to 06 bottom duct application (direct drive)..... 162
Power exhaust blower curves..... 163
Electrical data..... 165
Electrical data notes..... 165
KQ04 to 06 standard indoor blower - without powered convenience outlet..... 166
KQ04 to 06 standard indoor blower - with powered convenience outlet..... 168
KQ04 to 06 medium indoor blower - without powered convenience outlet..... 170
KQ04 to 06 medium indoor blower - with powered convenience outlet..... 172
KQ04 to 06 high indoor blower - without powered convenience outlet..... 174
KQ04 to 06 high indoor blower - with powered convenience outlet..... 175
KXA7 standard indoor blower - without powered convenience outlet..... 176
KXA7 standard indoor blower - with powered convenience outlet..... 176
KXA7 medium indoor blower - without powered convenience outlet..... 177
KXA7 medium indoor blower - with powered convenience outlet..... 178
KXA7 high indoor blower - without powered convenience outlet..... 178
KXA7 high indoor blower - with powered convenience outlet..... 179
KY04 to 12 standard static indoor blower - without powered convenience outlet..... 180
KY04 to 12 standard indoor blower - with powered convenience outlet..... 184
KY04 to 12 medium indoor blower - without powered convenience outlet..... 188
KY04 to 12 medium indoor blower - with powered convenience outlet..... 192
KY04 to 12 high indoor blower - without powered convenience outlet..... 196
KY04 to 12 high indoor blower - with powered convenience outlet..... 200
KL04 to KL14 standard indoor blower - without powered convenience outlet..... 204
KL04 to KL14 standard indoor blower - with powered convenience outlet..... 207
KL04 to KL14 medium indoor blower - without powered convenience outlet..... 210
KL04 to KL14 medium indoor blower - with powered convenience outlet..... 213
KL04 to KL14 high indoor blower - without powered convenience outlet..... 216
KL04 to KL14 high indoor blower - with powered convenience outlet..... 219
Weights and dimensions..... 222
KQ04-06, KXA7-14, KY04-12, KL04-06 and KL08-14 unit weights..... 222
KQ04-06, KXA7, KY04-12, KL04-06, and KL08-14 unit dimensions..... 225
KQ04-06, KXA7, KY04-06, and KL04-14 unit roof curb dimensions..... 231

Economizer options..... 233
Guide specifications..... 236

Product highlights

- Assembled in Norman, OK
- ASHRAE 90.1 Compliant
- R-454B Refrigerant
- Cooling only and gas/electric heat configurations available
- Scroll compressors
- Up to 16.8 SEER2 on 3 to 5 ton KL level
- Up to 15.0 SEER2 and 12.5 EER2 (on 3 ton to 5 ton models)
- Up to 16.4 IEER and 12.2 EER (on 6 ton to 10 ton models)
- Department of Energy (DOE) compliant - All models meet minimum DOE efficiencies for cooling and fan efficiencies. Single-phase gas heating products are fan energy rated (FER) to meet DOE requirements.
- Ultra-Low NOx (ULN) models meet California SCAQMD 14 ng/J NOx level requirements.
- State-of-the-art microprocessor controls with specific programming for product applications
- MicroChannel condenser coils
- Evaporator coils use copper tube/aluminum fin design for proven reliability and performance.
- Thermostatic Expansion Valve (TXV) Standard on: ASHRAE 90.1 Compliant Standard Efficiency Level 5 ton to 12.5 ton models, Energy Star Compliant Efficiency Level 3 ton to 10 ton models and advanced building code compliant efficiency level 7.5 ton to 12.5 ton models.
- Single-stage cooling (3 ton to 6 ton models)
- Two-stage cooling (3 ton to 5 ton KL models and 6 ton to 12.5 ton models)
- Three-stage cooling available (7.5 ton to 12.5 ton models)
- Alternate motor and drives

ⓘ **Note:** All single-phase 3 ton to 5 ton gas heating units are equipped with an ECM motor on direct drive units.

Patents

Patents: https://jcipat.com

Options and accessories

- Economizers with barometric relief
- Louvered hail guards
- Non-fused disconnect (verify on the unit nameplate that the disconnect is correctly sized for the application. Units with field installed electric heat may exceed the factory installed disconnect amperage rating.)
- Power exhaust
- Propane conversion kits (except Ultra-Low NOx (ULN) models)
- High altitude heating conversion kits (except Ultra-Low NOx (ULN) models)
- Refrigerant detection system (RDS)
- Flue exhaust extension kit
- Flue heat shield
- Smoke detectors
- Manual and motorized dampers
- Hinged cabinet doors
- Low ambient head pressure control kit
- Optional stainless steel heat exchanger (standard on 3 ton to 5 ton Low NOx Models)
- Thru-the-base connections for power, gas and control wiring.
- IntelliSpeed™ with premium efficiency indoor motors to meet ASHRAE 90.1 requirements (3 ton to 5 ton KL belt drive models and 6 ton to 12.5 ton models)
- *Field Installed Electric Heat Kit - Installation Instructions* for the Electric Heat Kits may be found in the Electric Heat Kits
- MagnaDry dehumidification system - available on KY and KL units

Component location

Figure 1: Cooling with gas heat (3 ton through 5 ton) front

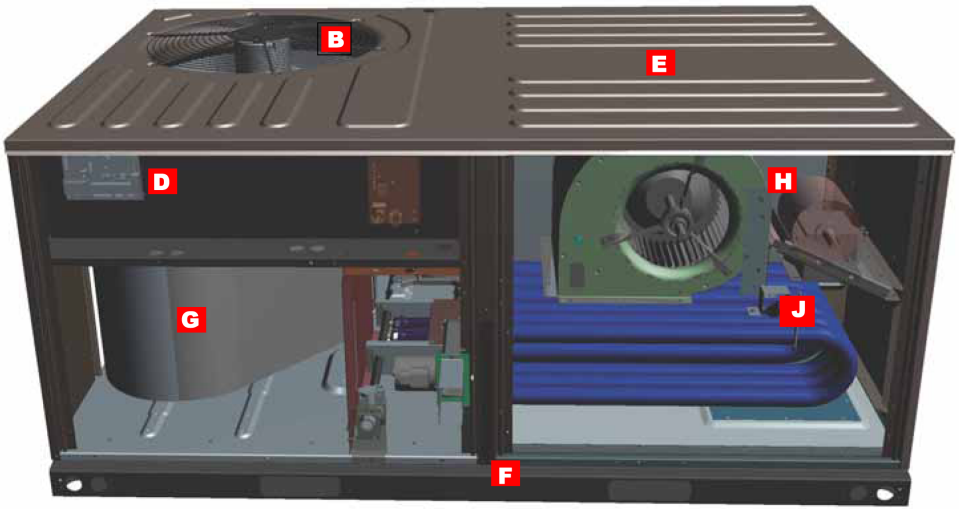
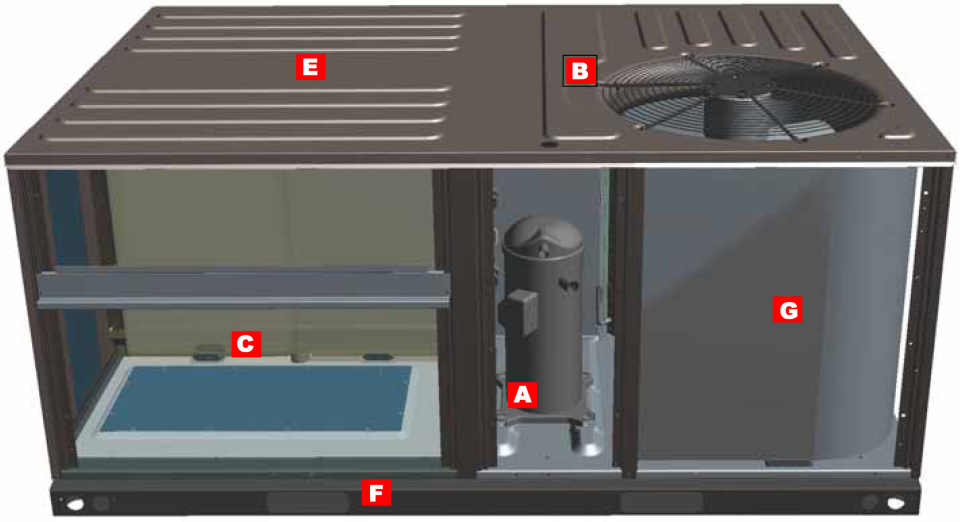


Figure 2: Cooling with gas heat (3 ton through 5 ton) back



Letter	Features
A	Scroll compressor
B	Outdoor fan
C	Filter rack
D	Smart Equipment (SE) Control Board
E	Embossed top
F	Perimeter base rail
G	Coils
H	Indoor fans
J	Two-stage gas heating

See letters in Features and benefits for further description of the features.

Features and benefits

The letters in brackets in the text correspond to the letters in Figure 1 and Figure 2.

Three tiers of efficiency

14.0 SEER2 standard efficiency provides a cost effective 14.0 SEER2/12.0 EER2 product that meets ASHRAE 90.1 requirements. The 16.8 SEER2 KL units contain two-stage compressors and multi-stage blower control to achieve advanced rebate codes. The high efficiency 3-stage cooling units are available from 7.5 tons to 12.5 tons to meet advanced building code requirements. Gas/electric units have electronic spark ignition and power vented combustion steady state efficiencies of 81%. These efficiencies meet or exceed all legislated minimum levels providing lower operating costs.

(A) All models use scroll compressors that are environmentally friendly by using R-454B refrigerant. Using the scroll compressor technology means a simple internal design, fewer moving parts, equating to a quiet, reliable, easy to service and efficient system. Internal compressor protection is standard and compressors include protection to prevent liquid damage.

Total system design

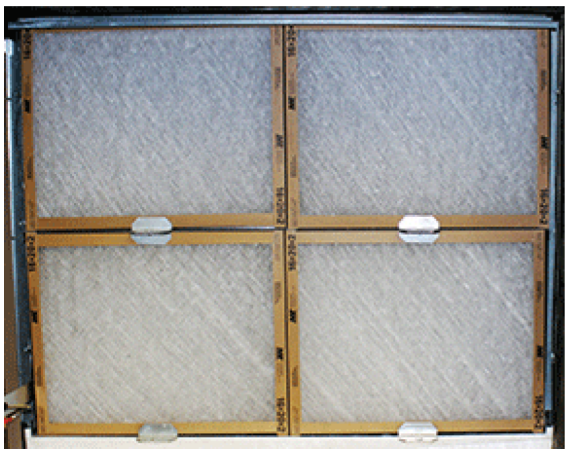
A TXV is used for precise metering on the 6 ton to 12.5 ton and high SEER2 3 ton to 5 ton products and a fixed orifice is used to keep the cost of the product down on the 3 ton to 5 ton product. Two independent refrigerant circuits and compressors are used on the 7.5 ton to 12.5 ton units for economical and precise control. A single circuit, single compressor design is used on the 3 ton to 6 ton units for cost effectiveness and reliability without compromising quality.

System protection

Liquid line filter-driers, high and low pressure safeties are standard on each independent refrigerant circuit. Suction line sensors monitor temperature to prevent possible liquid flood back to the compressors and also protect against loss of charge and coil frosting.

(B) Balanced outdoor fan design makes for a quieter unit - The outdoor condenser fans are dynamically balanced for better performance and reliability. The direct drive fan design mounted to the fan grill allows for quick and easy service. Where other's components might fail at extreme temperatures, our units are tested and rated up to 125°F ambient cooling operation.

(C) Filter rack - Units ship with MERV 4 throwaway filters standard; however MERV 8 and MERV 13 filters can be easily added through the tool-free filter access panel to meet LEED requirements. Refer to physical data tables for filter size details.



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All units as factory standard come with the state-of-the-art Smart Equipment™ control system. The unit control incorporates the best of the already proven Smart Equipment™ controls and creates a more robust, intelligent control. The goal of this control is to utilize cutting edge technology making the equipment easier to install, operate, and service. All units are Factory run tested.

Versatile

You can configure the Smart Equipment™ control to work with a standard thermostat (easy to connect screw terminals), a zone sensor, or you can set it up to communicate with multiple BAS communication protocols to integrate with building automation systems.

Reduce field installed complexity

Each unit comes equipped with factory-installed supply air, return air, and outdoor air temperature sensors providing key temperature readings, reducing field installed complexity.

On-board USB port

The control comes with a long list of features including data logging, current and previous system faults and software update capabilities using the on board USB port and common flash drive. Energy use monitoring capabilities allow custom tailoring to allow a system to work more efficiently at all times and occupancy levels. Self test and start-up reports also available from the board VIA the USB port.

Embedded LCD display

The board has an easy to read, built-in LCD display and easy to use navigation joystick and buttons allowing the user to quickly navigate the menus displaying unit status, options, current function, supply, return and outdoor temperatures, fault codes and other information.

Safety monitoring

The control monitors the outdoor, supply, and return air temperatures and the high and low pressure switch status on the independent refrigerant circuits. On units with heating the gas valve and high temperature limit switches are monitored on gas and electric heating units. The control also monitors the voltage supplied to the unit and will protect the unit if low voltage due to a brown out, or other electrical issue occurs.

Low ambient

An integrated low-ambient control allows units to operate in the cooling mode down to 0°F outdoor ambient without additional components or intervention. Optionally, you can program the control board to lockout the compressors when the outdoor air temperature is low or when free cooling is available.

Anti-short cycle protection

To aid compressor life, an antishort cycle delay is incorporated into the standard control. Compressor reliability is further ensured by programmable minimum run times. For testing, you can temporarily override the anti-short cycle delay can be temporarily overridden with the push of a button.

Fan delays

Fan on and fan off delays are fully programmable. Furthermore, the heating and cooling fan delay times are independent of one another. All units are programmed with default values based upon their configuration of cooling and/or heating capacity.

Nuisance trip protection and three strikes

To prevent nuisance calls, the control board uses a three times, you're out philosophy. The high, low-pressure switch, anti-freeze protection, low voltage or heating high limit must trip three times within two hours before the unit control board locks out the associated compressor. The same safety must trip three times before a hard lockout occurs.

(E) Robust design - Each unit is designed with an embossed top to increase structural support and ensure rigidity. The unit has a powder paint exterior finish including a industry leading 750 hour salt spray rating. All units are painted with a long lasting, powder paint that stands up over the life of the unit.

(F) Full perimeter base rail that fits on many existing curbs -This product was designed with the replacement market in mind, which is why it fits on many existing curbs in the field. It also takes into account the new construction market by being versatile and sturdy. This unit is equipped with heavier gauge and innovatively designed base rails to prevent damage from transporting and rigging.

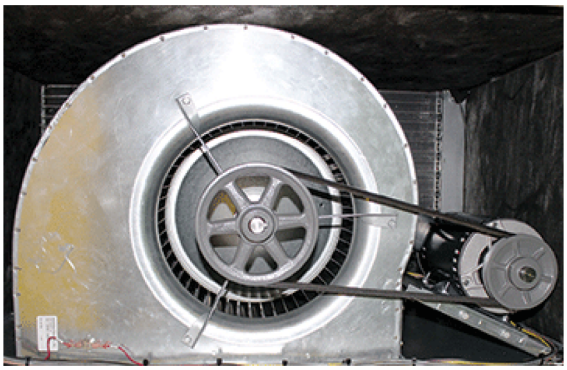
(G) Coils -All units use Microchannel "all-aluminum" condenser coils that provide improved heat transfer capabilities and reduced refrigerant charge volumes. This equates to all units meeting LEED EA Credit 4 Requirements for Enhanced Refrigerant Management. Microchannel coils are also much easier to clean than your typical fin/tube designs.

Optional MagnaDry™ dehumidification system

Units optioned with Micro-channel all-aluminum type reheat coils provide superior dehumidification at a wide range of outdoor temperatures. This system provides comfort without over-cooling the space. Available on KY 3 ton to 10 ton and KL 3 ton to 12.5 ton high efficiency units only.

All evaporator coils use copper tube with aluminum fin design for proven reliability and performance.

(H) Rigid mounted blower assembly - Dynamically balanced indoor fans ensure better performance and reliability. Large access panels for easier access, service, and maintenance. X13 Direct drive (Standard Static Option) and belt drive (Medium Static and High Static Options) options available on 3 ton to 5 ton products. The belt drive option is standard on 6 ton to 12.5 ton products. Low, medium, and high Static drive options for airflow versatility up to 2 in. ESP with no field installed drive packages necessary. The X13 motor technology offers several benefits w/ respect to efficiency, operation, comfort, and cost when compared to other motors. Premium efficiency indoor motors are standard on KY06. The IntelliSpeed™ option is available on 6 ton to 12.5 ton products and standard on the belt drive KL units and the 3 stage cooling models to meet ASHRAE 90.1 and Title 24 Requirements. The blower section includes a dual density insulation for indoor air quality.



(J) Balanced heating - The two-stage gas heating offers ultimate heating comfort with a balance between first and second stage gas heating. The first stage of a two stage gas heat option provides approximately 70% of the heating capacity in all 3 tons to 12.5 tons two stage gas heat models. Balanced heating allows the unit to better maintain required temperatures and helps saves energy. Low NOx comes standard with a stainless steel heat exchanger to meet California environmental requirements. The heat exchanger section includes foil faced insulation that is not only environmentally friendly but meets all NFPA codes.

Warranty

All models include a 1-year limited warranty on the complete unit. Compressors carry a 5-year warranty. Aluminized steel heat exchangers carry a 10-year warranty and stainless steel heat exchangers carry a 15-year warranty.

Factory installed options

(Nomenclature digit position)

Airflow options (8)
Alternate indoor blower motor - For applications with high static restrictions, units are offered with optional indoor motors providing higher external static capability and/or higher airflow, depending upon the installer's needs. • A=Standard static (direct drive for 3 ton to 5 ton; Belt Drive for 6 ton to 12.5 ton) • B=Medium static (belt drive for 3 ton to 12.5 ton) • C=High static (belt drive for 3 ton to 12.5 ton; 3 Phase Models Only)

VFD/VAV options (9)
IntelliSpeed™ supply fan control option (ASHRAE 90.1 compliant) - Units configured with the IntelliSpeed™ supply fan option contains a VFD for variable volume supply fan operation. This option allows the supply fan RPM to vary based on the number of compressors or heating stages energized. The economizer's minimum position is also configurable. • 1=None (Comes with standard constant volume controls) • 2=VFD/VAV (KL 3-Stage only) • 3=VFD IntelliSpeed™ (Option on 3 ton to 5 ton KL belt drive models and standard on 7.5 ton to 12.5 ton KL 3-stage cooling models)

Coil options (10)
E-coat coils – Coils are coated with an epoxy polymer coating to protect against corrosion. A 3-year warranty is added when this option is selected. • A=Standard indoor and outdoor coils (fin/tube design on indoor coil and MicroChannel design used on outdoor coil with no E-coat coating added). • B=Standard indoor coil and E-coat coil outdoor coil (fin/ tube design on indoor coil and MicroChannel design used on outdoor coil. E-coat coating added to outdoor coil) • C= E-coat indoor coil and standard outdoor coil (fin/tube design on indoor coil and MicroChannel design used on outdoor coil. E-coat coating added to indoor coil) • D= E-coat indoor coil and outdoor coil (fin/tube design on indoor coil and MicroChannel design used on outdoor coil. E-coat coating added to indoor and outdoor coil) • E=Standard indoor and outdoor coils (fin/tube design on indoor coil and MicroChannel design used on outdoor coil with no E-coat coating added) with **reheat** • F=Standard indoor coil and E-coat coil outdoor coil (fin/ tube design on indoor coil and MicroChannel design used on outdoor coil. E-coat coating added to outdoor coil) with **reheat** • G= E-coat indoor coil and standard outdoor coil (fin/tube design on indoor coil and MicroChannel design used on outdoor coil. E-coat coating added to indoor coil) with **reheat** • H= E-coat indoor coil and outdoor coil (fin/tube design on indoor coil and MicroChannel design used on outdoor coil. E-coat coating added to indoor and outdoor coil) with **reheat**

Controls (11)
Smart Equipment™ - This is the Standard microprocessor control for all units, with capabilities to work with a sensor or thermostat only. Smart Equipment™ with BAS includes communication board with BACnet open-protocol system. Required for units equipped with reheat option. **Verasys** - Verasys provides a simple user experience with configurable self-recognizing controllers without the need for any additional tools. Verasys creates enhanced integration of HVACR equipment, zoning, and controls. Contractors are able to offer a complete bundled solution of equipment and controls to serve the light commercial market. • A=Smart Equipment™ • B=Smart Equipment™ + BACnet MSTP, Mdbs, N2 COM Card • J=Verasys single zone • K=Verasys change over bypass

Sensor options (12)
Refrigerant detection System (RDS): Integrated sensors providing R-454B leak detection. The RDS is connected into the unit controls and automatically starts a sequence to dilute refrigerant gas. It also sets off an alarm upon sensing the presence of refrigerant in the cabinet, indicating a leak equal to 25% of the lower flammability limit. The RDS contains factory- or field-installed sensors that are located to ensure accurate and timely sensing of a leak. • 1 = None (Units come standard with factory installed supply air, return air, and outdoor air temperature sensors) • 2 = RA[1] smoke detector • 3 = SA smoke detector • 4 = RA[1] and SA smoke detector • 5 = RDS • 6 = RA[1] smoke detector and RDS • 7 = SA smoke detector and RDS • 8 = RA[1] and SA smoke detectors and RDS
ⓘ **Note:** 1. Return air smoke detector sensor must be relocated in the field. Refer to the unit's Installation manual.

Economizer/Damper (13) (Smart Equipment™ models only)
Down flow economizers (with barometric relief) - All units offer a variety of optional factory installed economizers that are shipped, installed and wired with AMCA 511 Licensed Class 1A low leak dampers designed to exceed ASHRAE 90.1 and the International Energy Conservation Code (IECC) certification requirements by achieving leakage rates of 3 cfm/ ft² at 1 in. of static pressure. Each economizer goes through a rigorous 60,000 cycle test. Dry bulb, single enthalpy, and dual enthalpy (with field installed kit) can be selected. All economizer options are fully integrated into the Smart Equipment™ controls. The economizer has spring return, fully modulating damper actuators and is capable of introducing up to 100% outdoor air. As the outdoor air intake dampers open, the return air dampers close. The changeover from mechanical refrigeration to economizer operation is regulated by the outdoor air dry bulb temperature or the outdoor air enthalpy input. The dual enthalpy kit provides a second input used to monitor the return air (field installed). The installer needs only to assemble the outdoor air hood, attach the enthalpy control the hood and mount the hood to the unit (Hood and control are provided). **Dry bulb economizer** - Economizer operation is enabled by the outdoor air temperature being less than the setpoint of the economizer module. **Enthalpy economizer** - The added outdoor air enthalpy sensor enables economizer operation if the outdoor enthalpy is less than the setpoint of the economizer logic module. • A = None • G = Dry bulb economizer - enhanced static • H = Enthalpy economizer - enhanced static

Convenience outlet (14)
Convenience outlet - (Powered and non-powered) - This option locates a 120 V single-phase GFCI outlet with cover, on the corner of the unit housing adjacent to the compressors. The non-powered option requires the installer to provide the 120 V single-phase power source and wiring. Factory installed option only. • 1=None • 2=Non-powered convenience outlet • 3=Powered convenience outlet

Electrical options (15)
Disconnect switch - For units with field installed electric heat kits, two factory installed disconnect sizes are available (60 A or 100 A non-fused disconnect). Depending on the field installed heater kit selected, the factory installed disconnect may not be sufficient. Always refer to the unit nameplate or unit electrical data for the proper disconnect size. If the heater application requires a disconnect above 100 A, you should remove the factory installed disconnect and install an appropriately sized external disconnect. • 1=None • 2=Non-fused Disconnect[1]

1 Verify on the unit nameplate that the disconnect is properly sized for the application. Units with field installed electric heat may exceed the factory installed disconnect amperage rating.

Cabinet options (16)
Louvered hail guard - This kit includes a decorative louvered panel that installs over the outside condenser coil and prevents damage to the coil fins from hail strikes. **Hinged cabinet doors** - The factory installed hinged panel option saves time, money, and labor while allowing easy servicing of blower components, filters, and controls. With this option there is no longer a need to remove panels to access these critical sections and running the risk of losing panels or causing roof damage from loose panels and materials. Extra care was taken to design a durable hinged panel with leak tight seal. • 1=None • 2=Louvered panels • 3=Hinged cabinet doors • 4=Hinged cabinet doors and louvered panels

FDD (Fault Detection and Diagnostics), **refrigerant side** - A modification shop offering for an additional installed control system for commercial equipment that constantly monitors refrigerant circuit pressures, refrigerant circuit temperatures, the environmental temperatures and humidity using multiple sensor inputs.

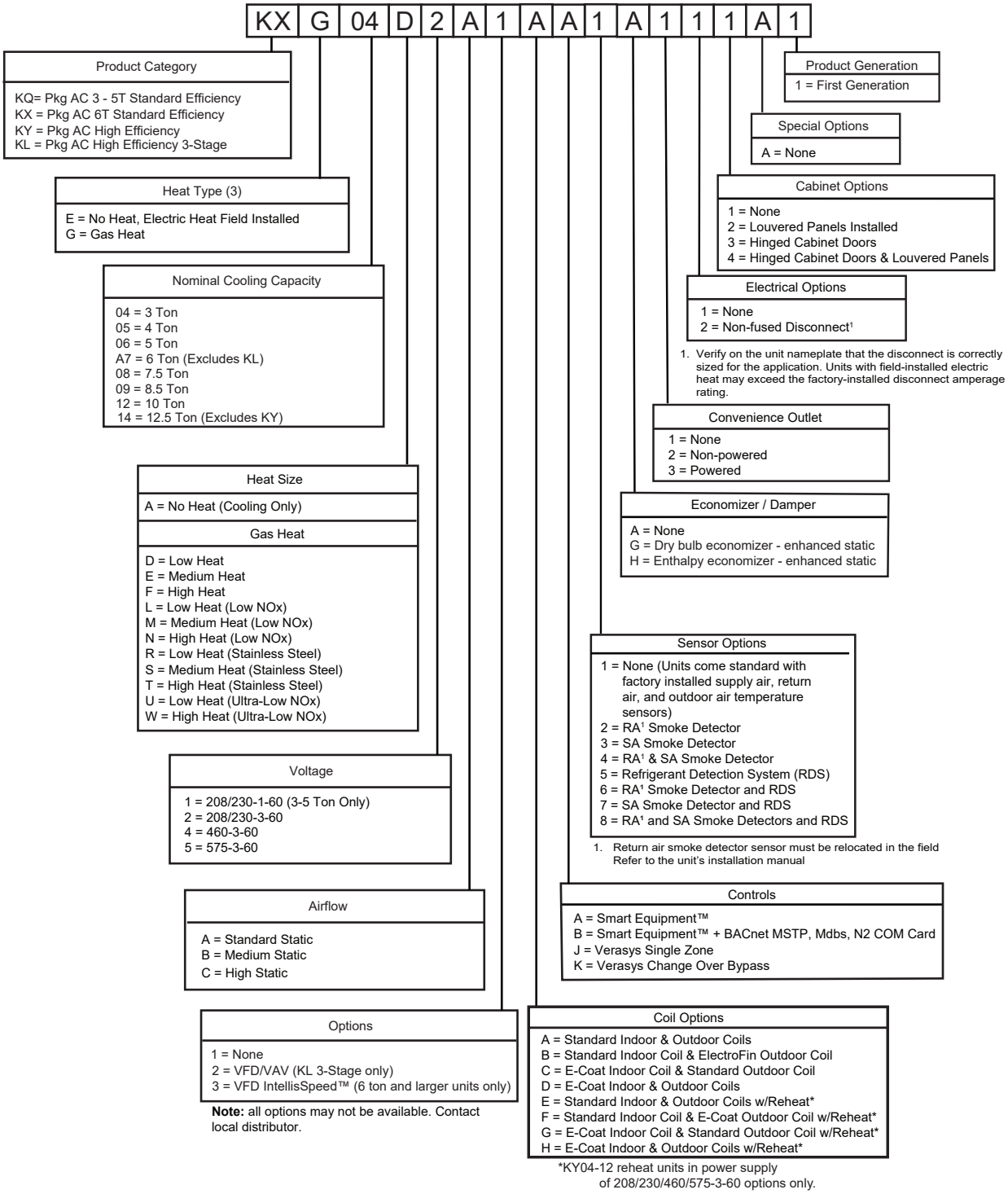
Field installed accessories

- **Down flow economizers/horizontal economizers (with barometric relief)** - All units offer a variety of field installed economizers that are installed and wired with AMCA 511 Licensed Class 1A low leak dampers designed to exceed ASHRAE 90.1 and the International Energy Conservation Code (IECC) certification requirements by achieving leakage rates of 3 cfm/sq. ft. at 1 in. of static pressure. Each economizer goes through a rigorous 60,000 cycle test. Dry bulb, single enthalpy, and dual enthalpy (with field installed kit) can be selected. All economizer options are fully integrated into the Smart Equipment™ controls or the Everyday Thermostat Control board. The economizer has spring return, fully modulating damper actuators and is capable of introducing up to 100% outdoor air. As the outdoor air intake dampers open, the return air dampers close. The changeover from mechanical refrigeration to economizer operation is regulated by the outdoor air dry bulb temperature or the outdoor air enthalpy input. The dual enthalpy kit provides a second input used to monitor the return air (field installed). The installer needs only to assemble the outdoor air hood, attach the enthalpy control the hood and mount the hood to the unit (Hood and control are provided).
- **Dry bulb economizer -** Economizer operation is enabled by the outdoor air temperature being less than the setpoint of the economizer module.
- **Single enthalpy control, accessory for economizer -** All field installed economizers will come standard as a dry bulb economizer. This kit adds an outdoor air enthalpy sensor which enables economizer operation if the outdoor enthalpy is less than the setpoint of the economizer logic module.
- **Dual enthalpy control, accessory for economizer -** All field installed economizers will come standard as a dry bulb economizer. This kit adds an outdoor air enthalpy sensor and return air enthalpy sensor which enables economizer operation if the outdoor enthalpy is less than the setpoint of the economizer logic module.
- **Power exhaust -** This accessory installs in the unit with a down flow economizer or in the ductwork for a horizontal application.
- **Refrigerant detection system (RDS)** - Integrated sensors providing R-454B leak detection. The RDS is connected into the unit controls and automatically starts a sequence to dilute refrigerant gas. It also sets off an alarm upon sensing the presence of refrigerant in the cabinet, indicating a leak equal to 25% of the lower flammability limit. The RDS contains factory- or field-installed sensors that are located to ensure accurate and timely sensing of a leak
- **Louvered hail guard -** This kit includes a decorative louvered panel which installs over the outside condenser coil and prevents damage to the coil fins from hail strikes.
- **Flue exhaust extension kit -** In locations where wind or weather conditions may interfere with proper exhausting of furnace combustion products, this kit can be installed to prevent the flue exhaust from entering nearby fresh air intakes.
- **Propane conversion kit -** This kit converts a gas heat unit to operate with propane gas at altitudes up to 2,000 feet (except Ultra-Low NOX (ULN) models).
- **Gas heat high altitude kit -** This kit converts a gas heat unit to operate at high altitudes, 2,000 ft to 10,000 ft. Conversion kits are available for natural gas and propane (except Ultra-Low NOX (ULN) models).
- **Roof curbs -** The roof curbs have insulated decks and are shipped disassembled. The roof curbs are available in 14 and 24 heights.
- **Thermostat -** The units are designed to operate with 24-V electronic and electro-mechanical thermostats. All 7.5 ton through 12.5 ton units operate with two-stage heat/ two-stage cool or two-stage cooling only thermostats and two-stage heat / three-stage cool on KL tier products, depending upon unit configuration.

- **Smoke detectors -** The smoke detectors stop operation of the unit by interrupting power and providing a fault message to the control board if smoke is detected within the air compartment. Smoke detectors are available for both the supply and/or return air configurations.
- **Hinged filter access panel for use with horizontal flow economizer -** Allows hinged access to the filter section when used with a horizontal economizer.
- **Low ambient head pressure control kit -** The Electronic Low Ambient Controller is designed to regulate condenser head pressure at low ambient temperatures by varying the amount of airflow through the condenser.
- **Manual outdoor air damper -** Like the motorized outdoor air damper, each manual outdoor air damper includes a slide-in damper assembly with an outdoor air hood and filters. Customers have a choice of dampers with ranges of 0% to 100% or 0% to 35% outdoor air entry.
- **Thru the base connection -** Kits are available to provide a way to route wiring to the unit through the base of the unit and gas supplied to the unit through the base or through the curb. These kits provide a seal tight way to bring power and gas to the unit without additional roof penetrations.
- **Electric heat (field installed option only) -** Select heater sizes for 3 ton to 12.5 ton units available. Necessary hardware and connectors are included with the heaters.

Nomenclature

3-12.5 Ton Model Number Nomenclature



Accessories

Table 1: Accessories

Accessory kit number	Description	Where used	Voltage
2EE04711424	Econ, DB, vertical flow, small footprint with SE	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ5, KQ06, KXA7	All
2EE04711524	Econ, DB, vertical flow, large footprint with SE	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	All
2EE04707024	Econ, DB, horizontal flow, small footprint, short cabinet with SE	KL04, KY04, KQ04, KQ05	All
2EE04707124	Econ, DB, horizontal flow, small footprint, tall cabinet with SE	KL05, KL06, KXA7, KY05, KY06, KQ06	All
2EE04707224	Econ, DB, horizontal flow, large footprint, short cabinet with SE	KYA7	All
2EE04707324	Econ, DB, horizontal flow, large footprint, tall cabinet with SE	KY08, KY09, KY12, KL08, KL09, KL12, KL14	All
1FA0415	Manual outside air damper 0-35%	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7	All
1FA0416	Manual outside air damper 0-35%	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	All
1FA0417	Manual outside air damper 0-100%	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7	All
1FA0418	Manual outside air damper 0-100%	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	All
2MD04704424	0-35% motorized outside air damper	KXA7, KQ04-06, KY04-06, KL04-06	All
2MD04704524	0-35% motorized outside air damper	KYA7-KY12	All
2MD04704224	Motorized outside air damper 0-100%	KL04, KL05, KL06, KY04, KY05, KY06, KXA7	All
2MD04704324	Motorized outside air damper 0-100%	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	All
2EC0401	Kit, single enthalpy field installed	All	All
2EC0402	Kit, dual enthalpy field installed	All	All
1HD0401	Hinged filter access panel for units with a horizontal economizer	KQ04, KQ05, KY04, KL04	All
1HD0402	Hinged filter access panel for units with a horizontal economizer	KQ06, KL05, KL06, KY05, KY06, KXA7	All
1HD0403	Hinged filter access panel for units with a horizontal economizer	KYA7	All
1HD0404	Hinged filter access panel for units with a horizontal economizer	KY08, KY09, KY12, KL08, KL09, KL12, KL14	All
1HG0419	Hail guard kit small footprint, short cabinet	KY04, KQ04, KQ05, KL04	All
1HG0420	Hail guard kit small footprint, tall cabinet	KL05, KL06, KY05, KY06, KQ06, KXA7	All
1HG0423	Hail guard kit large footprint, short cabinet	KYA7	All
1HG0424	Hail guard kit large footprint, tall cabinet	KY08, KY09, KY12, KL08, KL09, KL12, KL14	All
1RC0456	Curb rigid 14 in. small footprint	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7	All
1RC0457	Curb rigid 14 in. large footprint	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	All
1RC0458	Curb rigid 24 in. small footprint	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7	All
1RC0459	Curb rigid 24 in. large footprint	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	All
2PE04704206	Power exhaust vertical flow small footprint 208 V to 230 V 1-ph	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7	208/230-1-60

Table 1: Accessories

Accessory kit number	Description	Where used	Voltage
2PE04704225	Power exhaust vertical flow small footprint 208 V to 230 V 3-ph	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7	208/230-3-60
2PE04704246	Power exhaust vertical flow small footprint 460 V 3-ph	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7	460-3-60
2PE04704258	Power exhaust vertical flow small footprint 575 V 3-ph	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7	575-3-60
2PE04704306	Power exhaust vertical flow large footprint 208 V to 230 V 1-ph	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	208/230-1-60
2PE04704325	Power exhaust vertical flow large footprint 208 V to 230 V 3-ph	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	208/230-3-60
2PE04704346	Power exhaust vertical flow large footprint 460 V 3-ph	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	460-3-60
2PE04704358	Power exhaust vertical flow large footprint 575 V 3-ph	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	575-3-60
2PE04704406	Power exhaust horizontal flow small footprint 208 V to 230 V 1-ph	KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7, KL04, KL05, KL06,	208/230-1-60
2PE04704425	Power exhaust horizontal flow small footprint 208 V to 230 V 3-ph	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7	208/230-3-60
2PE04704446	Power exhaust horizontal flow small footprint 460 V 3-ph	KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7, KL04, KL05, KL06	460-3-60
2PE04704458	Power exhaust horizontal flow small footprint 575 V 3-ph	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7	575-3-60
2PE04704506	Power exhaust horizontal flow large footprint 208 V to 230 V 1-ph	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	208/230-1-60
2PE04704525	Power exhaust horizontal flow large footprint 208 V to 230 V 3-ph	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	208/230-3-60
2PE04704546	Power exhaust horizontal flow large footprint 460 V 3-ph	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	460-3-60
2PE04704558	Power exhaust horizontal flow large footprint 575 V 3-ph	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	575-3-60
1HA0454	High altitude kit for natural gas (2,000-10,000 ft) **Note:** Not for use with Ultra-Low NOx (ULN) models	KL04, KL05, KL06 ,KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7 - Low, Med, High Heat KYA7 - Low Heat	All
1HA0455	High altitude kit for natural gas (2,000-10,000 ft)	KY08, KY09, KY12, KL08, KL09, KL12, KL14 - Low, Med, High Heat KYA7 - Med, High Heat	All
1NP0456	Propane conversion kit. **Note:** Not for use with low NOx or Ultra-Low NOx (ULN) models	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7 - Low, Med, High Heat KYA7 - Low Heat	All
1NP0457	Propane conversion kit	KY08, KY09, KY12, KL08, KL09, KL12, KL14 - Low, Med, High Heat KYA7 - Med, High Heat	All
1HA0458	High altitude kit for propane (2,000-10,000 ft) **Note:** Not for use with low NOx or Ultra-Low NOx (ULN) models	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7 - Low, Med, High Heat KYA7 - Low Heat	All
1HA0459	High altitude kit for propane (2,000-10,000 ft)	KY08, KY09, KY12, KL08, KL09, KL12, KL14 - Low, Med, High Heat KYA7 - Med, High Heat	All
1FE0414	Flue exhaust kit	KLG04, KYG04, KQG04, KQG05	All
1FE0415	Flue exhaust kit	KXGA7, KYG05, KLG05, KLG06, KYG06, KYGA7, KQG06	All
1FE0416	Flue exhaust kit	KYG08, KYG09, KYG12, KL08, KL09, KL12, KL14	All

Table 1: Accessories

Accessory kit number	Description	Where used	Voltage
1HS0401	Flue heat shield accessory	KQ04, KQ05, KQ06, KXA7,KY04, KY05, KY06, KYA7, KY08, KY09, KY12, KL04, KL05, KL06,KL08, KL09, KL12, KL14	All
2EK04510625	6.5 kW electric heat	KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7, KL04, KL05, KL06	208/230-1-60 or 208/230-3-60
2EK04510646	6.0 kW electric heat	KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7, KL04, KL05, KL06	460-3-60
2EK04510725	6.5 kW electric heat	KYA7	208/230-3-60
2EK04510746	6.0 kW electric heat	KYA7	460-3-60
2EK04511058	9.2 kW electric heat	KL04, KL05, KY04, KY05, KQ04, KQ05	575-3-60
2EK04511125	10.5 kW electric heat	KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7, KL04, KL05, KL06	208/230-1-60 or 208/230-3-60
2EK04511146	11.5 kW electric heat	KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7, KL04, KL05, KL06	460-3-60
2EK04511458	13.8 kW electric heat	KY04, KY05, KY06, KQ04, KQ05, KQ06, KL04, KL05, KL06	575-3-60
2EK04511446	14 kW electric heat	KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7, KL04, KL05, KL06	460-3-60
2EK04511625	16 kW electric heat	KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7, KL04, KL05, KL06	208/230-3-60
2EK04511725	16 kW electric heat	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	208/230-3-60
2EK04511746	16.5 kW electric heat	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	460-3-60
2EK04511758	17 kW electric heat	KYA7, KY08, KY09, KL08, KL09, KL14	575-3-60
2EK04512358	23 kW electric heat	KY06, KQ06, KL06	575-3-60
2EK04510625	6.5 kW electric heat	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7	208/230-1-60 or 208/230-3-60
2EK04512525	24.8 kW electric heat	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	208/230-3-60
2EK04512646	25.5kW electric heat	KYA7	460-3-60
2EK04512658	25.7kW electric heat	KYA7	575-3-60
2EK04512846	27.8 kW electric heat	KY08, KY09, KY12, KL08, KL09, KL12, KL14	460-3-60
2EK04513225	32 kW electric heat	KY08, KY09, KY12, KL08, KL09, KL12, KL14	208/230-3-60
2EK04513346	33 kW electric heat	KY08, KY09, KY12, KL08, KL09, KL12, KL14	460-3-60
2EK04513458	34 kW electric heat	KY08, KY09, KL08, KL09, KL14	575-3-60
2EK04514225	42.4 kW electric heat	KY08, KY09, KY12, KL08, KL09, KL12, KL14	208/230-3-60
2EK04514246	41.7 kW electric heat	KY08, KY09, KY12, KL08, KL09, KL12, KL14	460-3-60
2LA04704725	Low ambient accessory kit	KY04, KY05, KY06, KQ04, KQ05, KQ06	208/230-1-60 or 208/230-3-60
2LA04704746	Low ambient accessory kit	KY04, KY05, KYA7, KQ04, KQ05, KQ06	460 V-3-60
2LA04704758	Low ambient accessory kit	KY04, KY05, KY08, KQ04, KQ05, KQ06	575 V-3-60

Table 1: Accessories

Accessory kit number	Description	Where used	Voltage
2LA04704825	Low ambient accessory kit	KYA7, KY08, KY09, KL08, KL09	208/230-1-60 or 208/230-3-60
2LA04704846	Low ambient accessory kit	KYA7, KY08, KY09, KL08, KL09	460 V-3-60
2LA04704858	Low ambient accessory kit	KYA7, KY08, KY09, KL08, KL09	575 V-3-60
2LA04704925	Low ambient accessory kit	KY12, KL12, KL14	208 V/230 V-3-60
2LA04704946	Low ambient accessory kit	KY12, KL12, KL14	460 V-3-60
2LA04704958	Low ambient accessory kit	KY12, KL12, KL14	575 V-3-60
2DS0402	Refrigerant Detection System (RDS)	KXA7, KY04, KY05, KY06, KYA7, KY08, KY09, KY12, KQ04, KQ05, KQ06, KL04, KL05, KL06,KL08, KL09, KL12, KL14	All
2SD04701224	Supply air stream smoke detector	KXA7, KL04, KL05, KL06, KY04, KY05, KY06, KYA7, KY08, KY09, KY12, KQ04, KQ05, KQ06, KL08, KL09, KL12, KL14	All
2SD04701124	Return air stream smoke detector	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7	All
2SD04701424	Return air stream smoke detector	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	All
2SD04701324	Combination supply and return air stream smoke detector	KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7, KL04, KL05,KL06	All
2SD04701624	Combination supply and return air stream smoke detector	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	All
1TB0401	Small footprint through the base electrical and through the curb gas	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7	All
1TB0402	Large footprint through the base electrical and through the curb gas	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	All
1TB0403	Small footprint through the base electrical and gas	KL04, KL05, KL06, KY04, KY05, KY06, KQ04, KQ05, KQ06, KXA7	All
1TB0404	Large footprint through the base electrical and gas	KYA7, KY08, KY09, KY12, KL08, KL09, KL12, KL14	All
1LD0420	High speed drive kit	KQ05	3-phase only

AHRI cooling rating table

Table 2: AHRI cooling rating table

Unit	Cooling stages	Nom. cooling capacity (tons)	Net cooling capacity (MBH)	Total power (kW)	SEER2	EER/EER2[1] (cooling only)	EER/EER2[1] (A/C with gas heat)	IEER with Intelli Speed (cooling only)	IEER with Intelli Speed (gas heat)
KQ04	1	3	35.0	2.9	14.0	12	12	—	—
KQ05	1	4	48.0	4.1	14.0	11.5	11.5	—	—
KQ06	1	5	59.0	4.9	14.0	12	12	—	—
KXA7	2	6	67.0	6.1	—	11.2	11.0	15.6	15.4
KY04	1	3	37.0	2.9	15.0	12.5	12.5	—	—
KY05	1	4	50.0	4.0	15.0	12.5	12.5	—	—
KY06	1	5	56.0	4.6	14.5	12	12	—	—
KYA7	2	6	72.0	5.8	—	12.2	12	16.4	16.4
KY08	2	7.5	90.0	7.0	—	12.2	12	14.8	14.6
KY09	2	8.5	100.0	8.1	—	12.2	12	14.8	14.6
KY12	2	10	117.0	9.5	—	12.2	12	15	14.8
KL04[2]	2	3.0	37.0	3.0	16.0	12.6	12.6	—	—
KL05[2]	2	4.0	49.0	4.0	16.8	12.4	12.4	—	—
KL06[2]	2	5.0	59.0	4.7	16.5	12.5	12.5	—	—
KL08	3	7.5	92.0	7.4	—	12.4	12.2	15.8	15.6
KL09	3	8.5	101.0	7.9	—	12.5	12.5	16.3	16.3
KL12	3	10.0	118.0	9.8	—	12.0	12.2	15.6	15.4
KL14	3	12.5	135.0	12.0	—	11.0	11.2	14.9	14.7

Note:
1. EER2 listed for 3-5 ton models, EER listed for 6 ton and larger models
2. Direct drive ratings shown

AHRI 270 outdoor sound power levels

Table 3: Outdoor sound power levels

Size (ton)	Sound rating[1] dB(A)	Octave bands (Hz)							
		63	125	250	500	1000	2000	4000	8000
KQ04 (3)	81	79.0	83.0	77.5	76.0	76.0	76.0	71.0	66.5
KQ05 (4)	79	81.5	84.0	78.0	75.0	74.0	69.5	66.0	61.5
KQ06 (5)	80	85.0	83.0	77.0	76.0	76.5	72.0	67.5	65.5
KXA7 (6)	79	84.0	82.0	77.0	75.0	74.5	71.0	66.5	63.0
KY04 (3)	79	81.0	86.5	77.0	76.0	75.0	70.5	66.5	63.5
KY05 (4)	79	84.0	83.0	76.0	75.0	74.0	70.0	66.0	63.5
KY06 (5)	79	83.0	83.0	76.0	75.0	75.0	69.5	66.0	63.0
KY08 (8.5)	81	87.0	81.5	80.0	78.0	76.5	72.0	67.0	63.0
KY09 (8.5)	83	92.0	87.0	81.0	80.5	79.0	74.0	69.0	66.0
KY12 (10)	84	89.5	86.5	82.5	81.0	79.0	75.5	73.5	69.5
KL04 (3)	75	76.5	80.0	74.5	71.0	71.0	65.0	63.5	63.0
KL05 (4)	76	83.0	79.0	74.5	72.0	73.0	66.5	62.0	59.5
KL06 (5)	78	84.0	84.5	76.5	75.5	73.5	68.5	65.0	60.5
KL08 (7.5)	82	85.0	85.5	79.5	78.5	77.5	72.5	68.0	64.0
KL09 (8.5)	82	88.5	83.0	81.0	79.0	78.0	73.5	69.0	65.5
KL12 (10)	86	82.0	88.5	85.0	82.5	80.5	76.0	73.5	69.5
KL14 (12.5)	86	84.0	88.5	84.5	83.5	81.0	76.5	73.5	69.5

Note:
1. Rated in accordance with AHRI 270-2015.

Physical data

KQ04 to KQ06 physical data

Table 4: KQ04 physical data

Component		Models						
		KQG04						KQE04
Nominal tonnage		3						3
AHRI cooling performance	Gross capacity @ AHRI A point (BTU)	36,000						36,000
	AHRI net capacity (BTU)	35,000						35,000
	EER2	12.0						12.0
	SEER2	14.0						14.0
	Nominal cfm	1,200						1,200
	System power (kW)	2.9						2.9
	Refrigerant type	R-454B						R-454B
	Refrigerant charge (lb-oz)							
	System 1	3-6						3-6
	System 2	-						-
AHRI heating performance single-phase	Heating option	L	D	—	M	E	—	-
	Heating model	Low (Low NOx)	Low	—	Med (LowNOx)	Med	—	-
	First stage heat input (kBTU)	-	-	—	-	-	—	-
	Second stage heat input (kBTU)	56	70	—	90	112	—	-
	First stage heat output (kBTU)	-	-	—	-	-	—	-
	Second stage heat output (kBTU)	45	56	—	72	90	—	-
	AFUE %	-	-	—	-	81	—	-
	FER compliant	-	-	—	-	Yes	—	-
	Number of burners	2	2	—	3	3	—	-
	Number of stages	1	1	—	1	1	—	-
	Temperature rise range (°F)	10-40	20-50	—	35-65	50-80	—	-
	Gas limit setting (°F)	150	150	—	140	140	—	-
	Gas piping connection (in.)	1/2	1/2	—	1/2	1/2	—	-
AHRI heating performance three-phase	Heating option	L	D	U	M	E	W	-
	Heating model	Low (Low NOx)	Low	Low (Ultra-Low Nox)	Med (Low NOx)	Med	High (Ultra-LowNox)	-
	First stage heat input (kBTU)	-	-	—	-	82	—	-
	Second stage heat input (kBTU)	56	70	60	90	112	100	-
	First stage heat output (kBTU)	-	-	—	-	66		-
	Second stage heat output (kBTU)	45	56	48	72	90	80	-
	Steady state efficiency (%)	80	80	80	80	80	80	-
	Number of burners	2	2	1	3	3	1	-
	Number of stages	1	1	1	1	2	1	-
	Temperature rise range (°F)	28-46	35-58	20-50	44-74	55-78	45-75	-
	Gas limit setting (°F)	150	150	150	140	140	170	-
	Gas piping connection (in.)	1/2	1/2	1/2	1/2	1/2	1/2	-
Dimensions (in.)	Length	74.1						74.1
	Width	48.9						48.9
	Height	32.5						32.5
Operating weight (lb)		498						450
Compressors	Type	Scroll						Scroll
	Quantity	1						1
	Unit capacity steps (%)	100						100
Condenser coil data	Face area (sq ft)	16.3						16.3
	Rows	1						1
	Fins per in.	23						23
	Tube diameter (in./mm)	0.63/16						0.63/16
	Circuitry type	2-pass Microchannel						2-pass Microchannel
Evaporator coil data	Face area (sq ft)	5.5						5.5
	Rows	2						2
	Fins per in.	15						15
	Tube diameter	0.375						0.375
	Circuitry type	Intertwined						Intertwined
	Refrigerant control	TXV						TXV

Table 4: KQ04 physical data

Component		Models			
		KQG04		KQE04	
Nominal tonnage		3		3	
Condenser fan data	Quantity of fans	1		1	
	Fan diameter (in.)	22		22	
	Type	Prop		Prop	
	Drive type	Direct		Direct	
	Quantity of motors	1		1	
	Motor hp each	1/4		1/4	
	Number of speeds	1		1	
	rpm	1,100		1,100	
	Nominal total cfm	3,800		3,800	
Evaporator fan data - Direct drive	Airflow option	A		A	
	Quantity	1		1	
	Fan size (in.)	10 x 10		10 x 10	
	Type	Centrifugal		Centrifugal	
	Motor hp	3/4		3/4	
	Motor rpm	1,050		1,050	
Evaporator fan data - Belt drive	Airflow option	B	C	B	C
	Quantity	1	1	1	1
	Fan Size (in.)	10 x 10	10 x 10	10 x 10	10 x 10
	Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Motor sheave	1VL34	1VL44	1VL34	1VL44
	Blower sheave	AK46	AK46	AK46	AK46
	Belt	A39	A40	A39	A40
	Motor hp, 1-phase	1.5	--	1.5	--
	Frame size, 1-phase	56 Hz	--	56 Hz	--
	Motor hp, 3-phase	2.4	2.4	2.4	2.4
	Frame size, 3-phase	56Y	56Y	56Y	56Y
	Motor rpm	1,725	1,725	1,725	1,725
Filters	Quantity - size	2 - (16 x 25 x 2)[1]		2 - (16 x 25 x 2)[1]	

Note:
1. 2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value)

Table 5: KQ05 physical data

Component		Models								
		KQG05								KQE05
Nominal tonnage		4								4
AHRI cooling performance	Gross capacity @AHRI A point (BTU)	50,000								50,000
	AHRI net capacity (BTU)	48,000								48,000
	EER2	11.5								11.5
	SEER2	14.0								14.0
	Nominal cfm	1,575								1,575
	System power (kW)	4.1								4.1
	Refrigerant type	R-454B								R-454B
	Refrigerant charge (lb-oz)									
	System 1	4-0								4-0
	System 2	-								-
AHRI heating performance single-phase	Heating option	L	D	—	M	E	—	N	F	
	Heating model	Low (LowNOx)	Low	—	Med (LowNOx)	Med	—	High, (Low NOx)	High	
	First stage heat input (kBTU)	-	-	—	-	-	—	-	-	
	Second stage heat input (kBTU)	56	70	—	90	112	—	116	142	
	First stage heat output (kBTU)	-	-	—	-	-	—	-	-	
	Second stage heatoutput (kBTU)	45	56	—	72	90	—	93	114	
	AFUE %	-	-	—	-	81	—	-	-	
	FER compliant	-	-	—	-	Yes	—	-	-	
	Number of burners	2	2	—	3	3	—	3	3	
	Number of stages	1	1	—	1	1	—	1	1	
	Temperature rise range (°F)	05-35	15-45	—	25-55	40-70	—	35-65	45-75	
	Gas limit setting (°F)	150	150	—	140	140	—	150	145	
	Gas piping connection (in.)	1/2	1/2	—	1/2	1/2	—	1/2	1/2	
AHRI heating performance three-phase	Heating option	L	D	U	M	E	W	N	F	
	Heating model	Low (Low NOx)	Low	Low (Ultra-LowNOx)	Med (Low NOx)	Med	High (Ultra-LowNOx)	High, (Low NOx)	High	
	First stage heat input (kBTU)	-	-	—	-	-	—	-	100	
	Second stage heat input (kBTU)	56	70	60	90	112	100	118	145	
	First stage heat output (kBTU)	-	-	—	-	-	—	-	80	
	Second stage heatoutput (kBTU)	45	56	48	72	90	80	94	116	
	Steady state efficiency (%)	80	80	80	80	80	80	80	80	
	Number of burners	2	2	1	3	3	1	3	3	
	Number of stages	1	1	1	1	1	1	1	2	
	Temperature rise range (°F)	21-35	26-43	20-50	33-56	41-69	30-60	44-73	49-77	
	Gas limit setting (°F)	150	150	150	140	140	160	150	145	
	Gas piping connection (in.)	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
Dimensions (in.)	Length	74.1								74.1
	Width	48.9								48.9
	Height	32.5								32.5
Operating weight (lb)		538								487
Compressors	Type	Scroll								Scroll
	Quantity	1								1
	Unit capacity steps (%)	100								100
Condenser coil data	Face area (sq ft)	16.3								16.3
	Rows	1								1
	Fins per in.	23								23
	Tube diameter (in./mm)	.63/16								.63/16
	Circuitry type	2-pass Microchannel								2-pass Microchannel
Evaporator coil data	Face area (sq ft)	5.5								5.5
	Rows	3								3
	Fins per in.	15								15
	Tube diameter	0.375								0.375
	Circuitry type	Intertwined								Intertwined
	Refrigerant control	TXV								TXV

Table 5: KQ05 physical data

Component		Models			
		KQG05		KQE05	
Nominal tonnage		4		4	
Condenser fan data	Quantity of fans	1		1	
	Fan diameter (in.)	22		22	
	Type	Prop		Prop	
	Drive type	Direct		Direct	
	Quantity of motors	1		1	
	Motor hp each	1/4		1/4	
	Number of speeds	1		1	
	rpm	1,100		1,100	
	Nominal total cfm	3,800		3,800	
Evaporator fan data - Direct drive	Airflow option	A		A	
	Quantity	1		1	
	Fan Size (in.)	10 x 10		10 x 10	
	Type	Centrifugal		Centrifugal	
	Motor hp	1		1	
	Motor rpm	1,050		1,050	
Evaporator fan data - Belt drive	Airflow option	B	C	B	C
	Quantity	1	1	1	1
	Fan size (in.)	10 x 10	10 x 10	10 x 10	10 x 10
	Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Motor sheave	1VL34	1VL44	1VL34	1VL44
	Blower sheave	AK46	AK46	AK46	AK46
	Belt	A39	A40	A39	A40
	Motor hp, 1-phase	1.5	--	1.5	--
	Frame size, 1-phase	56 Hz	--	56 Hz	--
	Motor hp, 3-phase	2.4	2.4	2.4	2.4
	Frame size, 3-phase	56Y	56Y	56Y	56Y
	Motor rpm	1,725	1,725	1,725	1,725
Filters	Quantity - size	2 - (16 x 25 x 2)[1]		2 - (16 x 25 x 2)[1]	

Note:
1. 2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value)

Table 6: KQ06 physical data

Component		Models								
		KQG06								KQE06
Nominal tonnage		5								5
AHRI cooling performance	Gross capacity @AHRI A point (BTU)	61,000								61,000
	AHRI net capacity (BTU)	59,000								59,000
	EER2	12.0								12.0
	SEER2	14.0								14.0
	Nominal cfm	1,800								1,800
	System power (kW)	4.9								4.9
	Refrigerant type	R-454B								R-454B
	Refrigerant charge (lb-oz)	—								—
	System 1	4-14								4-14
	System 2	—								—
AHRI heating performance single-phase	Heating option	L	D	—	M	E	—	N	F	—
	Heating model	Low (Low NOx)	Low	—	Med (LowNOx)	Med	—	High, (Low NOx)	High	—
	First stage heat input (kBTU)	—	—	—	—	—	—	—	—	—
	Second stageheat input (kBTU)	56	70	—	90	112	—	116	142	—
	First stage heat output (kBTU)	—	—	—	—	—	—	—	—	—
	Second stage heatoutput (kBTU)	45	56	—	72	90	—	93	114	—
	AFUE %	—	—	—	—	81	—	—	—	—
	FER compliant	—	—	—	—	Yes	—	—	—	—
	Number of burners	2	2	—	3	3	—	3	3	—
	Number of stages	1	1	—	1	1	—	1	1	—
	Temperature rise range (°F)	05-35	10-40	—	15-45	30-60	—	30-60	40-70	—
	Gas limit setting (°F)	150	150	—	140	140	—	145	140	—
	Gas piping connection (in.)	1/2	1/2	—	1/2	1/2	—	1/2	1/2	—
AHRI heating performance three-phase	Heating option	L	D	U	M	E	W	N	F	—
	Heating model	Low (Low NOx)	Low	Low (Ultra-LowNOx)	Med (Low NOx)	Med	High (Ultra-LowNOx)	High, (Low NOx)	High	—
	First stage heat input (kBTU)	—	—	—	—	—	—	—	100	—
	Second stageheat input (kBTU)	56	70	60	90	112	100	118	145	—
	First stage heat output (kBTU)	—	—	—	—	—	—	—	80	—
	Second stage heatoutput (kBTU)	45	56	48	72	90	80	94	116	—
	Steady state efficiency (%)	80	80	80	80	80	80	80	80	—
	Number of burners	2	2	1	3	3	1	3	3	—
	Number of stages	1	1	1	1	1	1	1	2	—
	Temperature rise range (°F)	17-28	21-35	10-40	27-44	33-55	25-55	35-58	43-72	—
	Gas limit setting (°F)	150	150	150	140	140	160	145	140	—
	Gas piping connection (in.)	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	—
Dimensions (in.)	Length	74.1								74.1
	Width	48.9								48.9
	Height	40.6								40.6
Operating weight (lb)		610								561
Compressors	Type	Scroll								Scroll
	Quantity	1								1
	Unit capacity steps (%)	100								100
Condenser coil data	Face area (sq ft)	21.1								21.1
	Rows	1								1
	Fins per in.	23								23
	Tube diameter (in./mm)	.71/18								.71/18
	Circuitry type	2-pass Microchannel								2-pass Microchannel

Table 6: KQ06 physical data

Component		Models			
		KQG06		KQE06	
Nominal tonnage		5		5	
Evaporator coil data	Face area (sq ft)	7.3		7.3	
	Rows	3		3	
	Fins per in.	15		15	
	Tube diameter	0.375		0.375	
	Circuitry type	Intertwined		Intertwined	
	Refrigerant control	TXV		TXV	
Condenser fan data	Quantity of fans	1		1	
	Fan diameter (in.)	22		22	
	Type	Prop		Prop	
	Drive type	Direct		Direct	
	Quantity of motors	1		1	
	Motor hp each	1/2		1/2	
	Number of speeds	1		1	
	rpm	1,085		1,085	
	Nominal total cfm	4,500		4,500	
Evaporator fan data - Direct drive	Airflow option	A		A	
	Quantity	1		1	
	Fan size (in.)	11 x 10		11 x 10	
	Type	Centrifugal		Centrifugal	
	Motor hp	1		1	
	Motor rpm	1,050		1,050	
Evaporator fan data - Belt drive	Airflow option	B	C	B	C
	Quantity	1	1	1	1
	Fan size (in.)	11 x 10	11 x 10	11 x 10	11 x 10
	Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Motor sheave	1VL34	1VL44	1VL34	1VL44
	Blower sheave	AK46	AK46	AK46	AK46
	Belt	A37	A39	A37	A39
	Motor hp, 1-phase	1.5	--	1.5	--
	Frame size, 1-phase	56 Hz	--	56 Hz	--
	Motor hp, 3-phase	2.4	2.9	2.4	2.9
	Frame size, 3-phase	56Y	56 Hz	56Y	56 Hz
	Motor rpm	1,725	1,725	1,725	1,725
Filters	Quantity - size	4 - (16 x 16 x 2)[1]		4 - (16 x 16 x 2)[1]	
2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value)					

KXA7 physical data

Table 7: KXA7 physical data

Component		Models			
		KXGA7			KXEA7
Nominal tonnage		**6**			**6**
AHRI cooling performance	Gross capacity @ AHRI A point (BTU)	71,000			71,000
	AHRI net capacity (BTU)	67,000			67,000
	EER	11.0			11.2
	IEER IntelliSpeed	15.4			15.6
	Nominal cfm	2,300			2,300
	System power (kW)	6.1			6.1
	Refrigerant type	R-454B			R-454B
	Refrigerant charge (lb-oz)				
	System 1	6-4			6-4
	System 2				
AHRI heating performance	Heating option	D	E	F	—
	Heating model	Low	Med	High	—
	First stage heat input (kBTU)	—	—	100	—
	Second stage heat input (kBTU)	70	114	145	—
	First stage heat output (kBTU)	—	—	80	—
	Second stage heat output (kBTU)	56	91	116	—
	AFUE %	—	—	—	—
	Steady state efficiency (%)	80	80	80	—
	Number of burners	2	3	3	—
	Number of stages	1	1	2	—
	Temperature rise range (°F)	17-29	28-47	36-60	—
	Gas limit setting (°F)	150	140	140	—
	Gas piping connection (in.)	1/2	1/2	1/2	—
Dimensions (in.)	Length	74.1			74.1
	Width	48.9			48.9
	Height	40.6			40.6
Operating weight (lb)		668			614
Compressors	Type	Scroll			Scroll
	Quantity	1			1
	Unit capacity steps (%)	67/100			67/100
Condenser coil data	Face area (sq ft)	21.1			21.1
	Rows	1			1
	Fins per in.	23			23
	Tube diameter (in./mm)	.79/20			.79/20
	Circuitry type	2-pass Microchannel			2-pass Microchannel
Evaporator coil data	Face area (sq ft)	7.3			7.3
	Rows	4			4
	Fins per in.	15			15
	Tube diameter	0.375			0.375
	Circuitry type	Intertwined			Intertwined
	Refrigerant control	TXV			TXV
Condenser fan data	Quantity of fans	1			1
	Fan diameter (in.)	22			22
	Type	Prop			Prop
	Drive type	Direct			Direct
	Quantity of motors	1			1
	Motor hp each	1/2			1/2
	Number of speeds	2			2
	rpm	900 / 1,150			900 / 1,150
	Nominal total cfm	3,600 / 4,600			3,600 / 4,600

Table 7: KXA7 physical data

Component		Models					
		KXGA7			KXEA7		
Nominal tonnage		6			6		
Evaporator fan data belt drive	Airflow option	A	B	C	A	B	C
	Quantity	1	1	1	1	1	1
	Fan size (in.)	11 x 10	11 x 10	11 x 10	11 x 10	11 x 10	11 x 10
	Type	Centrifugal			Centrifugal		
	Motor sheave	1VL34	1VL44	1VP50	1VL34	1VL44	1VP50
	Blower sheave	AK51	AK51	AK51	AK51	AK51	AK51
	Belt	A39	A40	A41	A39	A40	A41
	Motor max bhp, 3 phase	2.4	2.9	3.7	2.4	2.9	3.7
	rpm	1,725	1,725	1,725	1,725	1,725	1,725
	Frame size	56Y	56Y	56HZ	56Y	56Y	56HZ
Filters	Quantity - size	4 - (16 x 16 x 2)[1]			4 - (16 x 16 x 2)[1]		

Note:
1. 2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value).

KY04 to KY06 physical data

Table 8: KY04 physical data

Component		Models						
		KYG04						KYE04
Nominal tonnage		3						3
AHRI cooling performance	Gross capacity @ AHRI A point (BTU)	39,000						39,000
	AHRI net capacity (BTU)	37,000						37,000
	EER2	12.5						12.5
	SEER2	15.0						15.0
	Nominal cfm	1,200						1,200
	System power (kW)	2.9						2.9
	Refrigerant type	R-454B						R-454B
	Refrigerant charge (lb-oz)							
	System 1	4-0						4-0
	System 2	—						—
	Refrigerant charge MagnaDRY option (lb-oz) [1]							
	System 1	4-2						4-2
	System 2	—						—
AHRI heating performance single phase	Heating option	L	D	—	M	E	—	—
	Heating model	Low (Low NOx)	Low	—	Med (Low NOx)	Med	—	—
	1st stage heat input (kBTU)	—	—	—	—	—	—	—
	2nd stage heat input (kBTU)	56	70	—	90	112	—	—
	1st stage heat output (kBTU)	—	—	—	—	—	—	—
	2nd stage heat output (kBTU)	45	56	—	72	90	—	—
	AFUE %	—	—	—	—	81	—	—
	FER compliant	—	—	—	—	Yes	—	—
	No. burners	2	2	—	3	3	—	—
	No. stages	1	1	—	1	1	—	—
	Temperature rise range (°F)	10-40	20-50	—	35-65	50-80	—	—
	Gas limit setting (°F)	150	150	—	140	140	—	—
	Gas piping connection (in.)	1/2	1/2	—	1/2	1/2	—	—
AHRI heating performance three phase	Heating option	L	D	U	M	E	W	—
	Heating model	Low (Low NOx)	Low	Low (Ultra-Low NOx)	Med (Low NOx)	Med	High (Ultra-Low Nox)	—
	1st stage heat input (kBTU)	—	49	—	—	82	—	—
	2nd stage heat input (kBTU)	56	70	60	90	112	100	—
	1st stage heat output (kBTU)	—	39	—	—	66	—	—
	2nd stage heat output (kBTU)	45	56	48	72	90	80	—
	Steady state efficiency (%)	80	80	80	80	80	80	—
	No. burners	2	2	1	3	3	1	—
	No. stages	1	2	1	1	2	1	—
	Temperature rise range (°F)	28-46	35-58	20-50	44-74	55-78	45-75	—
	Gas limit setting (°F)	150	150	150	140	140	170	—
	Gas piping connection (in.)	1/2	1/2	1/2	1/2	1/2	1/2	—
Dimensions (in.)	Length	74.1						74.1
	Width	48.9						48.9
	Height	32.5						32.5
Operating weight (lb)		527						481
	With MagnaDRY	535						489
Compressors	Type	Scroll						Scroll
	Quantity	1						1
	Unit capacity steps (%)	100						100
Condenser coil data	Face area (sq ft)	16.3						16.3
	Rows	1						1
	Fins per in.	23						23
	Tube diameter (in./mm)	.63/16						.63/16
	Circuitry type	2-pass Microchannel						2-pass Microchannel

Table 8: KY04 physical data

Component		Models	
		KYG04	KYE04
Nominal tonnage		3	3
Evaporator coil data	Face area (sq ft)	5.5	5.5
	Rows	3	3
	Fins per in.	15	15
	Tube diameter	0.375	0.375
	Circuitry type	Intertwined	Intertwined
	Refrigerant control	TXV	TXV
Reheat option coil data	Face area (sq ft)	3.5	3.5
	Rows	1	1
	Fins per in.	23	23
	Tube diameter (in./mm)	.63/16	.63/16
Condenser fan data	Quantity of fans	1	1
	Fan diameter (in.)	22	22
	Type	Prop	Prop
	Drive type	Direct	Direct
	Quantity of motors	1	1
	Motor hp each	1/4	1/4
	No. speeds	1	1
	rpm	1,100	1,100
	Nominal total cfm	3,800	3,800
Evaporator fan data direct drive	Airflow option	A	A
	Quantity	1	1
	Fan size (in.)	10 x 10	10 x 10
	Type	Centrifugal	Centrifugal
	Motor hp	3/4	3/4
	rpm	1,050	1,050
Filters	Quantity - size	2 - (16 x 25 x 2)[2]	2 - (16 x 25 x 2)[2]

Note:
1. MagnaDRY reheat option is available in power supply of 208/230/460/575-3-60 options only.
2. 2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value).

Table 9: KY05 physical data

Component		Models								
		KYG05								KYE05
Nominal tonnage		4								4
AHRI cooling performance	Gross capacity @ AHRI A point (BTU)	52,000								52,000
	AHRI net capacity (BTU)	50,000								50,000
	EER2	12.5								12.5
	SEER2	15.0								15.0
	Nominal cfm	1,600								1,600
	System power (kW)	4.0								4.0
	Refrigerant type	R-454B								R-454B
	Refrigerant charge (lb-oz)									
	System 1	5-8								5-8
	System 2	—								—
	Refrigerant charge MagnaDRY[7] option (lb-oz)									
	System 1	5-14								5-14
	System 2	—								—
AHRI heating performance single phase	Heating options	L	D	—	M	E	—	N	F	—
	Heating model	Low (Low NOx)	Low	—	Med (Low NOx)	Med	—	High, (Low NOx)	High	—
	1st stage heat input (kBTU)	—	—	—	—	—	—	—	—	—
	2nd stage heat input (kBTU)	56	70	—	90	112	—	116	142	—
	1st stage heat output (kBTU)	—	—	—	—	—	—	—	—	—
	2nd stage heat output (kBTU)	45	56	—	72	90	—	93	114	—
	AFUE %	—	—	—	—	81	—	—	—	—
	FER Compliant	—	—	—	—	Yes	—	—	—	—
	No. burners	2	2	—	3	3	—	3	3	—
	No. stages	1	1	—	1	1	—	1	1	—
	Temperature rise range (°F)	05-35	15-45	—	25-55	40-70	—	35-65	45-75	—
	Gas limit setting (°F)	150	150	—	140	140	—	150	145	—
	Gas piping connection (in.)	1/2	1/2	—	1/2	1/2	—	1/2	1/2	—
AHRI heating performance three phase	Heating options	L	D	U	M	E	W	N	F	—
	Heating model	Low (Low NOx)	Low	Low (Ultra-Low Nox)	Med (Low NOx)	Med	High (Ultra-Low Nox)	High, (Low NOx)	High	—
	1st stage heat input (kBTU)	—	49	—	—	82	—	—	100	—
	2nd stage heat input (kBTU)	56	70	60	90	112	100	118	145	—
	1st stage heat output (kBTU)	—	39	—	—	66	—	—	80	—
	2nd stage heat output (kBTU)	45	56	48	72	90	80	94	116	—
	Steady state efficiency (%)	80	80	80	80	80	80	80	80	—
	No. burners	2	2	1	3	3	1	3	3	—
	No. stages	1	2	1	1	2	1	1	2	—
	Temperature rise range (°F)	21-35	26-43	15-45	33-56	41-69	30-60	44-73	49-77	—
	Gas limit setting (°F)	150	150	150	140	140	160	150	145	—
	Gas piping connection (in.)	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	—
Dimensions (in.)	Length	74.1								74.1
	Width	48.9								48.9
	Height	40.6								40.6
Operating weight (lb)		618								564
	With MagnaDRY	628								574
Compressors	Type	Scroll								Scroll
	Quantity	1								1
	Unit capacity steps (%)	100								100
Condenser coil data	Face area (sq ft)	21.1								21.1
	Rows	1								1
	Fins per in.	23								23
	Tube diameter (in./mm)	.79/20								.79/20
	Circuitry type	2-pass Microchannel								2-pass Microchannel
Evaporator coil data	Face area (sq ft)	7.3								7.3
	Rows	3								3
	Fins per in.	15								15
	Tube diameter	0.375								0.375
	Circuitry type	Intertwined								Intertwined
	Refrigerant control	TXV								TXV

Table 9: KY05 physical data

Component		Models			
		KYG05		KYE05	
Nominal tonnage		4		4	
Reheat option coil data	Face area (sq ft)	4.4		4.4	
	Rows	1		1	
	Fins per in.	23		23	
	Tube diameter (in./mm)	.79/20		.79/20	
Condenser fan data	Quantity of fans	1		1	
	Fan diameter (in.)	22		22	
	Type	Prop		Prop	
	Drive type	Direct		Direct	
	Quantity of motors	1		1	
	Motor hp each	1/4		1/4	
	No. speeds	1		1	
	rpm	1,100		1,100	
	Nominal total cfm	4,000		4,000	
Evaporator fan data direct drive	Airflow option	A		A	
	Quantity	1		1	
	Fan size (in.)	10 x 10		10 x10	
	Type	Centrifugal		Centrifugal	
	Motor hp	1		1	
	rpm	1,050		1,050	
Evaporator fan data belt drive	Airflow option	B	C	B	C
	Quantity	1	1	1	1
	Fan size (in.)	10 x 10	10 x 10	10 x 10	10 x 10
	Type	Centrifugal		Centrifugal	
	Motor sheave	1VL34	1VL44	1VL34	1VL44
	Blower sheave	AK46	AK46	AK46	AK46
	Belt	A39	A40	A39	A40
	Motor Hp, 1 phase	1.5	—	1.5	—
	Motor max bhp, 3 Phase	2.4	2.9	2.4	2.9
	rpm	1,725	1,725	1,725	1,725
	Frame size	56Y	56Y	56Y	56Y
Filters	Quantity - size	4 - (16 x 16 x 2)[2]		4 - (16 x 16 x 2)[2]	

Note:
1. MagnaDRY reheat option is available in power supply of 208/230/460/575-3-60 options only.
2. 2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value).

Table 10: KY06 physical data

Component		Models								
		KYG06								KYE06
Nominal tonnage		5								5
AHRI cooling performance	Gross capacity @AHRI A point (BTU)	58,000								58,000
	AHRI net capacity (BTU)	56,000								56,000
	EER2	12.0								12.0
	SEER2	14.5								14.5
	Nominal cfm	1,600								1,600
	System power (kW)	4.6								4.6
	Refrigerant type	R-454B								R-454B
	Refrigerant charge (lb-oz)									
	System 1	6-2								6-2
	System 2	—								—
	Refrigerant charge MagnaDRY[T] option (lb-oz)									
	System 1	6-10								6-10
	System 2	—								—
AHRI heating performance single phase	Heating options	L	D	—	M	E	—	N	F	—
	Heating model	Low (Low NOx)	Low	—	Med (Low NOx)	Med	—	High, (Low NOx)	High	—
	1st stage heat input (kBTU)	—	—	—	—	—	—		—	—
	2nd stage heat input (kBTU)	56	70	—	90	112	—	116	142	—
	1st stage heat output (kBTU)	—	—	—	—	—	—		—	—
	2nd stage heat output (kBTU)	45	56	—	72	90	—	93	114	—
	AFUE %			—		81	—			—
	FER compliant			—		Yes	—			—
	No. burners	2	2	—	3	3	—	3	3	—
	No. stages	1	1	—	1	1	—	1	1	—
	Temperature rise range (°F)	05-35	10-40	—	15-45	30-60	—	30-60	40-70	—
	Gas limit setting (°F)	150	150	—	140	140	—	145	140	—
	Gas piping connection (in.)	1/2	1/2	—	1/2	1/2	—	1/2	1/2	—
AHRI heating performance three phase	Heating options	L	D	U	M	E	W	N	F	—
	Heating model	Low (Low NOx)	Low	Low (Ultra-Low Nox)	Med (Low NOx)	Med	High (Ultra-Low Nox)	High, (Low NOx)	High	—
	1st stage heat input (kBTU)	—	49	—	—	82	—	—	100	—
	2nd stage heat input (kBTU)	56	70	60	90	112	100	118	145	—
	1st stage heat output (kBTU)	—	39	—	—	66	—	—	80	—
	2nd stage heat output (kBTU)	45	56	48	72	90	80	94	116	—
	Steady state efficiency (%)	80	80	80	80	80	80	80	80	—
	No. burners	2	2	1	3	3	1	3	3	—
	No. stages	1	2	1	1	2	1	1	2	—
	Temperature rise range (°F)	17-28	21-35	10-40	27-44	33-55	25-55	35-58	43-72	—
	Gas limit setting (°F)	150	150	150	140	140	160	145	140	—
	Gas piping connection (in.)	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	—
Dimensions (in.)	Length	74.1								74.1
	Width	48.9								48.9
	Height	40.6								40.6
Operating weight (lb)		636								582
	With MagnaDRY	646								592
Compressors	Type	Scroll								Scroll
	Quantity	1								1
	Unit capacity steps (%)	100								100
Condenser coil data	Face area (sq ft)	21.1								21.1
	Rows	1								1
	Fins per inch	23								23
	Tube diameter (in./mm)	.79/20								.79/20
	Circuitry type	2-pass Microchannel								2-passMicrochannel
Evaporator coil data	Face area (sq ft)	7.3								7.3
	Rows	4								4
	Fins per in.	15								15
	Tube diameter	0.375								0.375
	Circuitry type	Intertwined								Intertwined
	Refrigerant control	TXV								TXV

Table 10: KY06 physical data

Component		Models			
		KYG06		KYE06	
Nominal tonnage		5		5	
Reheat option coil data	Face area (sq ft)	4.4		4.4	
	Rows	1		1	
	Fins per in.	23		23	
	Tube diameter (in./mm)	.79/20		.79/20	
Condenser fan data	Quantity of fans	1		1	
	Fan diameter (in.)	22		22	
	Type	Prop		Prop	
	Drive type	Direct		Direct	
	Quantity of motors	1		1	
	Motor hp each	1/2		1/2	
	No. speeds	1		1	
	rpm	1,085		1,085	
	Nominal total cfm	4,600		4,600	
Evaporator fan data direct drive	Airflow option	A		A	
	Quantity	1		1	
	Fan size (in.)	11 x 10		11 x 10	
	Type	Centrifugal		Centrifugal	
	Motor hp	1		1	
	rpm	1,050		1,050	
Evaporator fan data belt drive	Airflow option	B	C	B	C
	Quantity	1	1	1	1
	Fan size (in.)	11 x 10	11 x 10	11 x 10	11 x 10
	Type	Centrifugal		Centrifugal	
	Motor sheave	1VL34	1VL44	1VL34	1VL44
	Blower sheave	AK46	AK46	AK46	AK46
	Belt	A37	A39	A37	A39
	Motor Hp, 1 phase	1.5	—	1.5	—
	Motor max bhp, 3 Phase	2.4	2.9	2.4	2.9
	rpm	1,750	1,750	1,750	1,750
	Frame size	56HZ	56Z	56HZ	56Z
Filters	Quantity - size	4 - (16 x 16 x 2)[2]		4 - (16 x 16 x 2)[2]	

Note:
1. MagnaDRY reheat option is available in power supply of 208/230/460/575-3-60 options only.
2. 2 in. Throwaway, Standard, MERV 4 (Minimum Efficiency Reporting Value).

KYA7 to KY12 physical data

Table 11: KYA7 physical data

Component		Models			
		KYGA7			KYEA7
Nominal tonnage		6			6
AHRI cooling performance	Gross Capacity @ AHRI A point (BTU)	73,000			73,000
	AHRI net capacity (BTU)	72,000			72,000
	EER	12			12.2
	CV IEER	15.0			15.0
	IEER IntelliSpeed	16.4			16.4
	Nominal cfm	2,450			2,450
	System power (kW)	5.8			5.8
	Refrigerant type	R-454B			R-454B
	Refrigerant charge (lb-oz)				
	System 1	6-14			6-14
	System 2	—			—
	Refrigerant charge MagnaDRY[1] option (lb-oz)				
	System 1	7-10			7-10
	System 2	—			—
AHRI heating performance [2]	Heating Option	D	E	F	—
	Heating model	Low	Med	High	—
	1st stage heat input (kBTU)	57	90	110	—
	2nd stage heat input (kBTU)	72	125	150	—
	1st stage heat output (kBTU)	46	72	88	—
	2nd stage heat output (kBTU)	58	100	120	—
	AFUE %				—
	Steady state efficiency (%)	80	80	80	—
	No. burners	2	3	3	—
	No. stages	2	2	2	—
	Temperature rise range (°F)	18-30	31-51	37-62	—
	Gas limit setting (°F)	140	140	160	—
	Gas piping connection (in.)	1/2	3/4	3/4	—
Dimensions (in.)	Length	87.2			87.2
	Width	61.7			61.7
	Height	40.6			40.6
Operating weight (lb)		899			829
Operating weightwith MagnaDRY (lb)		913			843
Compressors	Type	Scroll			Scroll
	Quantity	1			1
	Unit capacity steps (%)	67/100			67/100
Condenser coil data	Face area (sq ft)	21.1			21.1
	Rows	1			1
	Fins per in.	23			23
	Tube diameter (in./mm)	1/25			1/25
	Circuitry type	2-pass Microchannel			2-pass Microchannel
Evaporator coil data	Face area (sq ft)	8.9			8.9
	Rows	3			3
	Fins per in.	15			15
	Tube diameter	0.375			0.375
	Circuitry type	Intertwined			Intertwined
	Refrigerant control	TXV			TXV
Reheat option coil data	Face area (sq ft)	6.5			6.5
	Rows	1			1
	Fins per in.	23			23
	Tube diameter (in./mm)	.79/20			.79/20
Condenser fan data	Quantity of fans	2			2
	Fan diameter (in.)	22			22
	Type	Prop			Prop
	Drive type	Direct			Direct
	Quantity of motors	2			2
	Motor hp each	1/2			1/2
	No. speeds	1			1
	rpm	1,085			1,085
	Nominal total cfm	7,600			7,600

Table 11: KYA7 physical data

Component		Models					
		KYGA7			KYEA7		
Nominal tonnage		6			6		
Evaporator fan data belt drive	Airflow option	A	B	C	A	B	C
	Quantity	1	1	1	1	1	1
	Fan size (in.)	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15
	Type	Centrifugal			Centrifugal		
	Motor sheave	1VL34	1VL44	1VP50	1VL34	1VL44	1VP50
	Blower sheave	AK74	AK74	AK74	AK74	AK74	AK74
	Belt	A47	A48	A48	A47	A48	A48
	Motor Max bhp, 3 phase	2.4	2.9	3.7	2.4	2.9	3.7
	rpm	1,725	1,725	1,725	1,725	1,725	1,725
	Frame size	56Y	56Y	56HZ	56Y	56Y	56HZ
Filters	Quantity - size	4 - (16 x 20 x 2)[3]			4 - (16 x 20 x 2)[3]		

Note:

1. MagnaDRY reheat option is available in power supply of 208/230/460/575-3-60 options only.
2. 1st Stage 60% of 2nd Stage.
3. 2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value).

Table 12: KY08 physical data

Component		Models			
		KYG08			KYE08
Nominal tonnage		**7.5**			**7.5**
AHRI cooling performance	Gross capacity @ AHRI A point (BTU)	93,000			93,000
	AHRI net capacity (BTU)	90,000			90,000
	EER	12.0			12.2
	IEER IntelliSpeed	14.6			14.8
	Nominal cfm	2,800			2,800
	System power (kW)	7.1			7.1
	Refrigerant type	R-454B			R-454B
	Refrigerant charge (lb-oz)				
	System 1	5-6			5-6
	System 2	5-12			5-12
	Refrigerant charge MagnaDRY[†] option (lb-oz)				
	System 1	6-0			6-0
	System 2	5-12			5-12
AHRI heating performance three phase	Heating Option	D	E	F	—
	Heating model	Low	Med	High	—
	1st stage heat input (kBTU)	90	125	176	—
	2nd stage heat input (kBTU)	125	180	220	—
	1st stage heat output (kBTU)	72	100	141	—
	2nd stage heat output (kBTU)	100	144	176	—
	Steady state efficiency (%)	80	80	80	—
	No. burners	3	4	5	—
	No. stages	2	2	2	—
	Temperature rise range (°F)	25-41	36-59	43-72	—
	Gas limit setting (°F)	140	150	140	—
	Gas piping connection (in.)	3/4	3/4	3/4	—
Dimensions (in.)	Length	87.2			87.2
	Width	61.7			61.7
	Height	48.6			48.6
Operating weight (lb)	—	970			868
Operating weightwith MagnaDRY (lb)		985			883
Compressors	Type	Scroll			Scroll
	Quantity	2			2
	Unit capacity steps (%)	50/100			50/100
Condenser coil data	Face area (sq ft)	25.5			25.5
	Rows	1			1
	Fins per in.	23			23
	Tube diameter (in./mm)	1/25			1/25
	Circuitry type	2-pass Microchannel			2-pass Microchannel
Evaporator coil data	Face area (sq ft)	11.1			11.1
	Rows	4			4
	Fins per in.	15			15
	Tube diameter	0.375			0.375
	Circuitry type	Intertwined			Intertwined
	Refrigerant control	TXV			TXV
Reheat option coil data	Face area (sq ft)	6.6			6.6
	Rows	1			1
	Fins per in.	23			23
	Tube diameter (in./mm)	1/25			1/25
Condenser fan data	Quantity of fans	2			2
	Fan diameter (in.)	22			22
	Type	Prop			Prop
	Drive type	Direct			Direct
	Quantity of motors	2			2
	Motor hp each	1/2			1/2
	No. speeds	1			1
	rpm	1,085			1,085
	Nominal total cfm	8,200			8,200

Table 12: KY08 physical data

Component		Models					
		KYG08			KYE08		
Nominal tonnage		7.5			7.5		
Evap fan data belt drive	Airflow option	A	B	C	A	B	C
	Quantity	1	1	1	1	1	1
	Fan size (in.)	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15
	Type	Centrifugal			Centrifugal		
	Motor sheave	1VL34	1VL44	1VP50	1VL34	1VL44	1VP50
	Blower sheave	AK74	AK74	AK74	AK74	AK74	AK74
	Belt	A47	A48	A50	A47	A48	A50
	Motor max bhp, 3 phase	2.4	2.4	3.7	2.4	2.4	3.7
	rpm	1,725	1,725	1,725	1,725	1,725	1,725
	Frame size	56Y	56Y	56HZ	56Y	56Y	56HZ
Filters	Quantity - size	4 - (20 x 20 x 2)[2]			4 - (20 x 20 x 2)[2]		

Note:
1. MagnaDRY reheat option is available in power supply of 208/230/460/575-3-60 options only.
2. 2 in. Throwaway, Standard, MERV 4 (Minimum Efficiency Reporting Value).

Table 13: KY09 physical data

Component		Model			
		KYG09			KYE09
Nominal tonnage		**8.5**			**8.5**
AHRI cooling performance	Gross capacity @ AHRI A point (BTU)	103,000			103,000
	AHRI net capacity (BTU)	100,000			100,000
	EER	12			12.2
	IEER IntelliSpeed	14.6			14.8
	Nominal cfm	3,000			3,000
	System power (kW)	8.1			8.1
	Refrigerant type	R-454B			R-454B
	Refrigerant charge (lb-oz)				
	System 1	5-2			5-2
	System 2	4-14			4-14
	Refrigerant charge MagnaDRY[†] option (lb-oz)				
	System 1	5-10			5-10
	System 2	4-14			4-14
AHRI heating performance	Heating options	D	E	F	—
	Heating model	Low	Med	High	—
	1st stage heat input (kBTU)	90	125	176	—
	2nd stage heat input (kBTU)	125	180	220	—
	1st stage heat output (kBTU)	72	100	141	—
	2nd stage heat output (kBTU)	100	144	176	—
	AFUE %	—	—	—	—
	Steady state efficiency (%)	80	80	80	—
	No. burners	3	4	5	—
	No. stages	2	2	2	—
	Temperature rise range (°F)	22-36	31-52	38-64	—
	Gas limit setting (°F)	140	150	140	—
	Gas piping connection (in.)	3/4	3/4	3/4	—
Dimensions (in.)	Length	87.2			87.2
	Width	61.7			61.7
	Height	48.6			48.6
Operating weight (lb)		980			878
Operating weightwith MagnaDRY (lb)		995			893
Compressors	Type	Scroll			Scroll
	Quantity	2			2
	Unit capacity steps (%)	50/100			50/100
Condenser coil data	Face area (sq ft)	25.5			25.5
	Rows	1			1
	Fins per in.	23			23
	Tube diameter (in./mm)	1/25			1/25
	Circuitry type	2-pass Microchannel			2-pass Microchannel
Evaporator coil data	Face area (sq ft)	11.1			11.1
	Rows	4			4
	Fins per in.	15			15
	Tube diameter	0.375			0.375
	Circuitry type	Intertwined			Intertwined
	Refrigerant control	TXV			TXV
Reheat option coil data	Face area (sq ft)	6.6			6.6
	Rows	1			1
	Fins per in.	23			23
	Tube diameter (in./mm)	1/25			1/25
Condenser fan data	Quantity of fans	2			2
	Fan diameter (in.)	22			22
	Type	Prop			Prop
	Drive type	Direct			Direct
	Quantity of motors	2			2
	Motor hp each	1/2			1/2
	No. speeds	1			1
	rpm	1,085			1,085
	Nominal total cfm	8,600			8,600

Table 13: KY09 physical data

Component		Model					
		KYG09			KYE09		
Nominal tonnage		8.5			8.5		
Evaporator fan data belt drive	Airflow option	A	B	C	A	B	C
	Quantity	1	1	1	1	1	1
	Fan size (in.)	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15
	Type	Centrifugal			Centrifugal		
	Motor sheave	1VL34	1VL44	1VP50	1VL34	1VL44	1VP50
	Blower sheave	AK74	AK74	AK74	AK74	AK74	AK74
	Belt	A47	A48	A50	A47	A48	A50
	Motor Max bhp, 3 phase	2.4	2.4	3.7	2.4	2.4	3.7
	rpm	1,725	1,725	1,725	1,725	1,725	1,725
	Frame size	56Y	56Y	56HZ	56Y	56Y	56HZ
Filters	Quantity - size	4 - (20 x 20 x 2)[2]			4 - (20 x 20 x 2)[2]		

Note:
1. MagnaDRY reheat option is available in power supply of 208/230/460/575-3-60 options only.
2. 2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value).

Table 14: KY12 physical data

Component		Model			
		KYG12			KYE12
Nominal tonnage		10			10
AHRI cooling performance	Gross capacity @ AHRI A point (BTU)	120,000			120,000
	AHRI net capacity (BTU)	117,000			117,000
	EER	12.0			12.2
	IEER IntelliSpeed	14.8			15.0
	Nominal cfm	3,300			3,300
	System power (kW)	9.6			9.6
	Refrigerant type	R-454B			R-454B
	Refrigerant charge (lb-oz)				
	System 1	5-6			5-6
	System 2	5-10			5-10
	Refrigerant charge MagnaDRY[†] option (lb-oz)				
	System 1	6-0			6-0
	System 2	5-10			5-10
AHRI heating performance	Heating options	D	E	F	—
	Heating model	Low	Med	High	—
	1st stage heat input (kBTU)	125	176	200	—
	2nd stage heat input (kBTU)	180	220	250	—
	1st stage heat output (kBTU)	100	141	162	—
	2nd stage heat output (kBTU)	144	176	203	—
	AFUE %	—	—	—	—
	Steady state efficiency (%)	80	80	81	—
	No. burners	4	5	5	—
	No. stages	2	2	2	—
	Temperature rise range (°F)	27-44	33-54	37-62	—
	Gas limit setting (°F)	150	140	160	—
	Gas piping connection (in.)	3/4	3/4	3/4	—
Dimensions (in.)	Length	87.2			87.2
	Width	61.7			61.7
	Height	55.3			55.3
Operating weight (lb)		1,008			902
Operating weightwith MagnaDRY (lb)		1,026			920
Compressors	Type	Scroll			Scroll
	Quantity	2			2
	Unit capacity steps (%)	50/100			50/100
Condenser coil data	Face area (sq ft)	24.9			24.9
	Rows	1			1
	Fins per in.	21			21
	Tube diameter (in./mm)	1.26/32			1.26/32
	Circuitry type	2-pass Microchannel			2-pass Microchannel
Evaporator coil data	Face area (sq ft)	11.1			11.1
	Rows	4			4
	Fins per in.	15			15
	Tube diameter	0.375			0.375
	Circuitry type	Intertwined			Intertwined
	Refrigerant control	TXV			TXV
Reheat option coil data	Face area (sq ft)	8.2			8.2
	Rows	1			1
	Fins per in.	23			23
	Tube diameter (in./mm)	1/25			1/25
Condenser fan data	Quantity of fans	1			1
	Fan diameter (in.)	30			30
	Type	Prop			Prop
	Drive type	Direct			Direct
	Quantity of motors	1			1
	Motor hp each	1 1/2			1 1/2
	No. speeds	1			1
	rpm	1,140			1,140
	Nominal total cfm	7,700			7,700

Table 14: KY12 physical data

Component		Model					
		KYG12			KYE12		
Nominal tonnage		10			10		
Evaporator fan data belt drive	Airflow option	A	B	C	A	B	C
	Quantity	1	1	1	1	1	1
	Fan size (in.)	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15
	Type	Centrifugal			Centrifugal		
	Motor sheave	1VL44	1VP50	1VP56	1VL44	1VP50	1VP56
	Blower sheave	AK79	AK79	BK85	AK79	AK79	BK85
	Belt	A50	A50	BX52	A50	A50	BX52
	Motor max bhp, 3 phase	2.4	3.7	5.25	2.4	3.7	5.25
	rpm	1,725	1,725	1,725	1,725	1,725	1,725
	Frame size	56Y	56HZ	145TY	56Y	56HZ	145TY
Filters	Quantity - Size	4 - (20 x 20 x 2)[2]			4 - (20 x 20 x 2)[2]		

Note:

1. MagnaDRY reheat option is available in power supply of 208/230/460/575-3-60 options only.
2. 2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value).

KL04 to KL14 physical data

Table 15: KL04 physical data

Component		Models						
		KLG04						KLE04
Nominal tonnage		3						3
AHRI cooling performance direct drive	Gross capacity at AHRI A point (BTU)	38,500						38,500
	AHRI net capacity (BTU)	37,000						37,000
	EER2 230 V/460 V	12.6						12.6
	SEER2 230 V/460 V	16.0						16.0
	EER2 575 V	12.6						12.6
	SEER2 575 V	16.0						16.0
	Nominal cfm	1,300						1,300
	System power 230 V/460 V (kW)	3.0						3.0
	System power 575 V (kW)	3.0						3.0
	Refrigerant type	R-454B						R-454B
	Refrigerant charge (lb-oz)							
	System 1	3-12						3-12
	System 2	—						—
	Refrigerant charge MagnaDRY† option (lb-oz)							
	System 1	4-6						4-6
	System 2	—						—
AHRI cooling performance belt drive	Gross capacity at AHRI A point (BTU)	38,500						38,500
	AHRI net capacity (BTU)	36,000						36,000
	EER2 230 V/460 V	11.5						11.5
	SEER2 230 V/460 V	14.1						14.1
	EER2 575 V	11.5						11.5
	SEER2 575 V	14.1						14.1
	Nominal cfm	1,300						1,300
	System power 230 V/460 V (kW)	3.0						3.0
	System power 575 V (kW)	3.0						3.0
	Refrigerant type	R-454B						R-454B
	Refrigerant charge (lb-oz)							
	System 1	3-12						3-12
	System 2	—						—
	Refrigerant charge MagnaDRY† option (lb-oz)							
	System 1	4-6						4-6
	System 2	—						—
AHRI heating performance single phase	Heating option	L	D	—	M	E	—	—
	Heating model	Low (Low NOx)	Low	—	Med (Low NOx)	Med	—	—
	First stage heat input (kBTU)	—	—	—	—	—	—	—
	Second stage heat input (kBTU)	56	70	—	90	112	—	—
	First stage heat output (kBTU)	—	—	—	—	—	—	—
	Second stage heat output (kBTU)	45	56	—	72	90	—	—
	AFUE %	—	—	—	—	81	—	—
	FER compliant	—	—	—	—	Yes	—	—
	Number of burners	2	2	—	3	3	—	—
	Number of stages	1	1	—	1	1	—	—
	Temperature rise range (°F)	10-40	20-50	—	35-65	50-80	—	—
	Gas limit setting (°F)	150	150	—	140	140	—	—
	Gas piping connection (in.)	1/2	1/2	—	1/2	1/2	—	—

Table 15: KL04 physical data

Component		Models						
		KLG04						KLE04
Nominal tonnage		3						3
AHRI heating performance three phase	Heating option	L	D	U	M	E	W	—
	Heating model	Low (Low NOx)	Low	Low (Ultra-Low NOx)	Med (Low NOx)	Med	High (Ultra-Low NOx)	—
	First stage heat input (kBTU)	—	49	—	—	82	—	—
	Second stage heat input (kBTU)	56	70	60	90	112	100	—
	First stage heat output (kBTU)	—	39	—	—	66	—	—
	Second stage heat output (kBTU)	45	56	48	72	90	80	—
	Steady state efficiency (%)	80	80	80	80	80	80	—
	Number of burners	2	2	1	3	3	1	—
	Number of stages	1	2	1	1	2	1	—
	Temperature rise range (°F)	28-46	35-58	20-50	44-74	55-78	45-75	—
	Gas limit setting (°F)	150	150	150	140	140	170	—
	Gas piping connection (in.)	1/2	1/2	1/2	1/2	1/2	1/2	—
Dimensions (in.)	Length	74.1						74.1
	Width	48.9						48.9
	Height	32.5						32.5
Operating weight (lb)		555						481
	with MagnaDRY	563						489
Compressors	Type	Scroll						Scroll
	Quantity	1						1
	Unit capacity steps (%)	67/100						67/100
Condenser coil data	Face area (sq ft)	16.3						16.3
	Rows	1						1
	Fins per in.	23						23
	Tube diameter (in./mm)	0.63/16						0.63/16
	Circuitry type	2-pass Microchannel						2-pass Microchannel
Evaporator coil data	Face area (sq ft)	5.5						5.5
	Rows	3						3
	Fins per in.	15						15
	Tube diameter	0.375						0.375
	Circuitry type	Intertwined						Intertwined
	Refrigerant control	TXV						TXV
Reheat option coil data	Face area (sq ft)	3.5						3.5
	Rows	1						1
	Fins per inch	23						23
	Tube diameter (in./mm)	.63/16						.63/16
Condenser fan data	Quantity of fans	1						1
	Fan diameter (in.)	22						22
	Type	Prop						Prop
	Drive type	Direct						Direct
	Quantity of motors	1						1
	Motor hp each	1/3						1/3
	Number of speeds	2						2
	rpm	800/1,000						800/1,000
	Nominal total cfm	3,800						3,800
Evaporator fan data direct drive	Airflow option	A						A
	Quantity	1						1
	Fan size (in.)	10 x 10						10 x 10
	Type	Centrifugal						1,100 Centrifugal
	Motor hp	3/4						3/4
	rpm	1,050						1,050

Table 15: KL04 physical data

Component		Models			
		KLG04		KLE04	
Nominal tonnage		3		3	
Evaporator fan data belt drive	Airflow option	B	C	B	C
	Quantity	1	1	1	1
	Fan size (in.)	10 x 10	10 x 10	10 x 10	10 x 10
	Type	Centrifugal		Centrifugal	
	Motor sheave	1VL34	1VL44	1VL34	1VL44
	Blower sheave	AK46	AK46	AK46	AK46
	Belt	A39	A40	A39	A40
	Motor hp, 1 phase	1.5	—	1.5	—
	Motor max Bhp, 3 phase	2.4	2.4	2.4	2.4
	rpm	1,750	1,750	1,750	1,750
	Frame size	56Y	56Y	56Y	56Y
Filters	Quantity - size	2 - (16 x 25 x 2)[2]		2 - (16 x 25 x 2)[2]	

Note:

1. MagnaDRY reheat option is available in power supply of 208/230/460/575-3-60 options only.
2. 2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value).

Table 16: KL05 physical data

Component		Models								
		KLG05								KLE05
Nominal tonnage		4								4
AHRI cooling performance direct drive	Gross capacity at AHRI A point (BTU)	52,000								52,000
	AHRI net capacity (BTU)	49,000								49,000
	EER2 230 V/460 V	12.4								12.4
	SEER2 230 V/460 V	16.8								16.8
	EER2 575 V	12.4								12.4
	SEER2 575 V	16.2								16.2
	Nominal cfm	1,650								1,650
	System power 230 V/460 V (kW)	3.9								3.9
	System power 575 V (kW)	3.9								3.9
	Refrigerant type	R-454B								R-454B
	Refrigerant charge (lb-oz)									
	System 1	5-6								5-6
	System 2	—								—
	Refrigerant charge MagnaDRY† option (lb-oz)									
	System 1	5-10								5-10
	System 2	—								—
AHRI cooling performance belt drive	Gross capacity at AHRI A point (BTU)	52,000								52,000
	AHRI net capacity (BTU)	49,000								49,000
	EER2 230 V/460 V	12.0								12.0
	SEER2 230 V/460 V	15.2								15.2
	EER2 575 V	12.0								12.0
	SEER2 575 V	14.8								14.8
	Nominal cfm	1,650								1,650
	System power 230V/460V (kW)	4.1								4.1
	System power 575 V (kW)	4.1								4.1
	Refrigerant type	R-454B								R-454B
	Refrigerant charge (lb-oz)									
	System 1	5-6								5-6
	System 2	—								—
	Refrigerant charge MagnaDRY† option (lb-oz)									
	System 1	5-10								5-10
	System 2	—								—
AHRI heating performance three phase	Heating options	L	D	U	M	E	W	N	F	—
	Heating model	Low (Low NOx)	Low	Low (Ultra-LowNOx)	Med (Low NOx)	Med	High (Ultra-LowNOx)	High, (Low NOx)	High	—
	First stage heat input (kBTU)	—	49	—	—	82	—	—	100	—
	Second stage heat input (kBTU)	56	70	60	90	112	100	118	145	—
	First stage heat output (kBTU)	—	39	—	—	66	—	—	80	—
	Second stage heat output (kBTU)	45	56	48	72	90	80	94	116	—
	Steady state efficiency (%)	80	80	80	80	80	80	80	80	—
	Number of burners	2	2	1	3	3	1	3	3	—
	Number of stages	1	2	1	1	2	1	1	2	—
	Temperature rise range (°F)	21-35	26-43	15-45	33-56	41-69	30-60	44-73	49-77	—
	Gas limit setting (°F)	150	150	150	140	140	160	150	145	—
	Gas piping connection (in.)	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	—
Dimensions (in.)	Length	74.1								74.1
	Width	48.9								48.9
	Height	40.6								40.6
Operating weight (lb)		602								564
	with MagnaDRY	612								574
Compressors	Type	Scroll								Scroll
	Quantity	1								1
	Unit capacity steps (%)	67/100								67/100
Condenser coil data	Face area (sq ft)	21.1								21.1
	Rows	1								1
	Fins per in.	23								23
	Tube diameter (in./mm)	0.79/20								0.79/20
	Circuitry Type	2-pass Microchannel								2-pass Microchannel

Table 16: KL05 physical data

Component		Models			
		KLG05		KLE05	
Nominal tonnage		4		4	
Evaporator coil data	Face area (sq ft)	7.3		7.3	
	Rows	3		3	
	Fins per in.	15		15	
	Tube diameter	0.375		0.375	
	Circuitry type	Intertwined		Intertwined	
	Refrigerant control	TXV		TXV	
Reheat option coil data	Face area (sq ft)	4.4		4.4	
	Rows	1		1	
	Fins per inch	23		23	
	Tube diameter (in./mm)	.79/20		.79/20	
Condenser fan data	Quantity of fans	1		1	
	Fan diameter (in.)	22		22	
	Type	Prop		Prop	
	Drive type	Direct		Direct	
	Quantity of motors	1		1	
	Motor hp each	1/3		1/3	
	Number of speeds	1		1	
	rpm	1,100		1,100	
	Nominal total cfm	4,000		4,000	
Evaporator fan data direct drive	Airflow option	A		A	
	Quantity	1		1	
	Fan size (in.)	10 x 10		10 x10	
	Type	Centrifugal		Centrifugal	
	Motor hp	1		1	
	rpm	1,050		1,050	
Evaporator fan data belt drive	Airflow option	B	C	B	C
	Quantity	1	1	1	1
	Fan size (in.)	10 x 10	10 x 10	10 x 10	10 x 10
	Type	Centrifugal		Centrifugal	
	Motor sheave	1VL34	1VL44	1VL34	1VL44
	Blower sheave	AK46	AK46	AK46	AK46
	Belt	A39	A40	A39	A40
	Motor hp, 1 phase	1.5	—	1.5	—
	Motor max Bhp, 3 phase	2.4	2.9	2.4	2.9
	rpm	1,725	1,725	1,725	1,725
	Frame size	56Y	56Y	56Y	56Y
Filters	Quantity - size	4 - (16 x 16 x 2)[2]		4 - (16 x 16 x 2)[2]	

Note:

1. MagnaDRY reheat option is available in power supply of 208/230/460/575-3-60 options only.
2. 2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value)

Table 17: KL06 physical data

Component		Models								
		KLG06								KLE06
Nominal tonnage		5								5
AHRI cooling performance direct drive	Gross capacity at AHRI A point (BTU)	61,000								61,000
	AHRI net capacity (BTU)	59,000								59,000
	EER2 230 V/460 V	12.5								12.5
	SEER2 230 V/460 V	16.5								16.5
	EER2 575 V	12.4								12.4
	SEER2 575 V	16.4								16.4
	Nominal cfm	1,800								1,800
	System power 230 V/460 V (kW)	4.8								4.8
	System power 575 V (kW)	4.9								4.9
	Refrigerant type	R-454B								R-454B
	Refrigerant charge (lb-oz)									
	System 1	7-8								7-8
	System 2	—								—
	Refrigerant charge MagnaDRY† option (lb-oz)									
	System 1	7-14								7-14
	System 2	—								—
AHRI cooling performance belt drive	Gross capacity at AHRI A point (BTU)	61,000								61,000
	AHRI net capacity (BTU)	58,500								58,500
	EER2 230 V/460 V	12.0								12.0
	SEER2 230 V/460 V	15.2								15.2
	EER2 575 V	11.8								11.8
	SEER2 575 V	14.9								14.9
	Nominal cfm	1,800								1,800
	System power 230 V/460 V (kW)	4.9								4.9
	System power 575 V (kW)	5.0								5.0
	Refrigerant type	R-454B								R-454B
	Refrigerant charge (lb-oz)									
	System 1	7-8								7-8
	System 2	—								—
	Refrigerant charge MagnaDRY† option (lb-oz)									
	System 1	7-14								7-14
	System 2	—								—
AHRI heating performance three phase	Heating options	L	D	U	M	E	L	W	F	—
	Heating model	Low (Low NOx)	Low	Low (Low NOx)	Low (Ultra-Low NOx)	Med	Low (Low NOx)	High (Ultra-Low NOx)	High	—
	First stage heat input (kBTU)	—	49	—	—	82	—	—	100	—
	Second stage heat input (kBTU)	56	70	60	90	112	100	118	145	—
	First stage heat output (kBTU)	—	39	—	—	66	—	—	80	—
	Second stage heat output (kBTU)	45	56	48	72	90	80	94	116	—
	Steady state efficiency (%)	80	80	80	80	80	80	80	80	—
	Number of burners	2	2	1	3	3	1	3	3	—
	Number of stages	1	2	1	1	2	1	1	2	—
	Temperature rise range (°F)	17-28	21-35	10-40	27-44	33-55	25-55	25-55	43-72	—
	Gas limit setting (°F)	150	150	150	140	140	140	160	140	—
	Gas piping connection (in.)	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	—
Dimensions (in.)	Length	74.1								74.1
	Width	48.9								48.9
	Height	40.6								40.6
Operating weight (lb)		631								582
	With MagnaDRY	643								594
Compressors	Type	Scroll								Scroll
	Quantity	1								1
	Unit capacity steps (%)	67/100								67/100
Condenser coil data	Face area (sq ft)	21.1								21.1
	Rows	2								2
	Fins per in	23								23
	Tube diameter (in./mm)	0.79/20								0.79/20
	Circuitry type	3-pass Microchannel								3-pass Microchannel

Table 17: KL06 physical data

Component		Models			
		KLG06		KLE06	
Nominal tonnage		5		5	
Evaporator coil data	Face area (sq ft)	7.3		7.3	
	Rows	4		4	
	Fins per in.	15		15	
	Tube diameter	0.375		0.375	
	Circuitry type	Intertwined		Intertwined	
	Refrigerant control	TXV		TXV	
Reheat option coil data	Face area (sq ft)	4.6		4.6	
	Rows	1		1	
	Fins per inch	23		23	
	Tube diameter (in./mm)	1/25		1/25	
Condenser fan data	Quantity of fans	1		1	
	Fan diameter (in.)	22		22	
	Type	Prop		Prop	
	Drive type	Direct		Direct	
	Quantity of motors	1		1	
	Motor hp each	1/3		1/3	
	Number of speeds	2		2	
	rpm	1,000/1,100		1,000/1,100	
	Nominal total cfm	4,600		4,600	
Evaporator fan data direct drive	Airflow option	A		A	
	Quantity	1		1	
	Fan size (in.)	11 x 10		11 x 10	
	Type	Centrifugal		Centrifugal	
	Motor hp	1		1	
	rpm	1,050		1,050	
Evaporator fan data belt drive	Airflow option	B	C	B	C
	quantity	1	1	1	1
	Fan size (in.)	11 x 10	11 x 10	11 x 10	11 x 10
	Type	Centrifugal		Centrifugal	
	Motor sheave	1VL34	1VL44	1VL34	1VL44
	Blower sheave	AK46	AK46	AK46	AK46
	Belt	A37	A39	A37	A39
	Motor hp, 1 phase	1.5	—	1.5	—
	Motor Max Bhp, 3 Phase	2.4	2.9	2.4	2.9
	rpm	1,750	1,750	1,750	1,750
	Frame size	56HZ	56Z	56HZ	56Z
Filters	Quantity - size	4 - (16 x 16 x 2)[2]		4 - (16 x 16 x 2)[2]	

Note:

1. MagnaDRY reheat option is available in power supply of 208/230/460/575-3-60 options only.
2. 2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value)

Table 18: KL08 physical data

Component		Models			
		KLG08			KLE08
Nominal tonnage		7.5			7.5
AHRI cooling performance	Gross capacity at AHRI A point (BTU)	94,000			94,000
	AHRI net capacity (BTU)	92,000			92,000
	EER	12.2			12.4
	SEER	—			—
	IEER IntelliSpeed	15.6			15.8
	VAV IEER	15.1			15.3
	Nominal cfm	2,900			2,900
	System power (kW)	7.45			7.45
	Refrigerant type	R-4545B			R-454B
	Refrigerant charge (lb-oz)				
	System 1	5-4			5-4
	System 2	5-8			5-8
	Refrigerant charge MagnaDRY† option (lb-oz)				
	System 1	5-10			5-10
	System 2	5-8			5-8
AHRI heating performance three phase	Heating option	D	E	F	—
	Heating model	Low	Med	High	—
	First stage heat input (kBTU)	90	125	176	—
	Second stage heat input (kBTU)	125	180	220	—
	First stage heat output (kBTU)	72	100	141	—
	Second stage heat output (kBTU)	100	144	176	—
	Steady state efficiency (%)	80	80	80	—
	Number of burners	3	4	5	—
	Number of stages	2	2	2	—
	Temperature rise range (°F)	25-41	36-59	43-72	—
	Gas limit setting (°F)	140	150	140	—
	Gas piping connection (in.)	3/4	3/4	3/4	—
Dimensions (in.)	Length	87.2			87.2
	Width	61.7			61.7
	Height	48.6			48.6
Operating weight (lb)		1,040			920
	with MagnaDRY	1,055			935
Compressors	Type	Scroll			Scroll
	Quantity	2			2
	Unit capacity steps (%)	34 / 67 /1 00			34 / 67 /1 00
Condenser coil data	Face area (sq ft)	25.5			25.5
	Rows	1			1
	Fins per in.	23			23
	Tube diameter (in./mm)	1/25			1/25
	Circuitry Type	2-pass Microchannel			2-pass Microchannel
Evaporator coil data	Face area (sq ft)	11.1			11.1
	Rows	4			4
	Fins per in.	15			15
	Tube diameter	0.375			0.375
	Circuitry type	Intertwined			Intertwined
	Refrigerant control	TXV			TXV
Reheat option coil data	Face area (sq ft)	6.6			6.6
	Rows	1			1
	Fins per in.	23			23
	Tube diameter (in./mm)	1/25			1/25
Condenser fan data	Quantity of fans	2			2
	Fan diameter (in.)	22			22
	Type	Prop			Prop
	Drive type	Direct			Direct
	Quantity of motors	2			2
	Motor hp each	1/2			1/2
	Number of speeds	1			1
	rpm	1,085			1,085
	Nominal total cfm	8,600			8,600

Table 18: KL08 physical data

Component		Models					
		KLG08			KLE08		
Nominal tonnage		7.5			7.5		
Evaporator fan data belt drive	Airflow option	A	B	C	A	B	C
	Quantity	1	1	1	1	1	1
	Fan Size (in.)	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15
	Type	Centrifugal			Centrifugal		
	Motor sheave	1VL34	1VL44	1VP50	1VL34	1VL44	1VP50
	Blower sheave	AK74	AK74	AK74	AK74	AK74	AK74
	Belt	A47	A48	A50	A47	A48	A50
	Motor max bhp, 3 phase	2.4	2.4	3.7	2.4	2.4	3.7
	rpm	1,725	1,725	1,725	1,725	1,725	1,725
	Frame size	56Y	56Y	56HZ	56Y	56Y	56HZ
Filters	Quantity - size	4 - (20 x 20 x 2)[2]			4 - (20 x 20 x 2)[2]		

Note:
1. MagnaDRY reheat option is available in power supply of 208/230/460/575-3-60 options only.
2. 2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value)

Table 19: KL09 physical data

Component		Models			
		KLG09			KLE09
Nominal tonnage		**8.5**			**8.5**
AHRI cooling performance	Gross capacity at AHRI A point (BTU)	103,000			103,000
	AHRI net capacity (BTU)	101,000			101,000
	EER	12.5			12.5
	SEER	—			—
	IEER IntelliSpeed	16.3			16.3
	VAV IEER	16.0			16.0
	Nominal cfm	2,900			2,900
	System power (kW)	7.9			7.9
	Refrigerant type	R-454B			R-454B
	Refrigerant charge (lb-oz)				
	System 1	5-2			5-2
	System 2	5-4			5-4
	Refrigerant charge MagnaDRY† option (lb-oz)				
	System 1	5-14			5-14
	System 2	5-4			5-4
AHRI heating performance three phase	Heating option	D	E	F	—
	Heating model	Low	Med	High	—
	First stage heat input (kBTU)	90	125	176	—
	Second stage heat input (kBTU)	125	180	220	—
	First stage heat output (kBTU)	72	100	141	—
	Second stage heat output (kBTU)	100	144	176	—
	Steady state efficiency (%)	80	80	80	—
	Number of burners	3	4	5	—
	Number of stages	2	2	2	—
	Temperature rise range (°F)	22-36	31-52	38-64	—
	Gas limit setting (°F)	140	150	140	—
	Gas piping connection (in.)	3/4	3/4	3/4	—
Dimensions (in.)	Length	87.2			87.2
	Width	61.7			61.7
	Height	48.6			48.6
Operating weight (lb)		1,030			925
	with MagnaDRY	1,045			940
Compressors	Type	Scroll			Scroll
	Quantity	2			2
	Unit capacity steps (%)	34 / 67 /100			34 / 67 /100
Condenser coil data	Face area (sq ft)	25.5			25.5
	Rows	1			1
	Fins per in.	23			23
	Tube diameter(in./mm)	1/25			1/25
	Circuitry type	2-pass Microchannel			2-pass Microchannel
Evaporator coil data	Face area (sq ft)	11.1			11.1
	Rows	4			4
	Fins per in.	15			15
	Tube diameter	0.375			0.375
	Circuitry type	Intertwined			Intertwined
	Refrigerant control	TXV			TXV
Reheat option coil data	Face area (sq ft)	6.6			6.6
	Rows	1			1
	Fins per in.	23			23
	Tube diameter(in./mm)	1/25			1/25
Condenser fan data	Quantity of fans	2			2
	Fan diameter (in.)	22			22
	Type	Prop			Prop
	Drive type	Direct			Direct
	Quantity of motors	2			2
	Motor hp each	1/2			1/2
	Number of speeds	1			1
	rpm	1,085			1,085
	Nominal total cfm	8,600			8,600

Table 19: KL09 physical data

Component		Models					
		KLG09			KLE09		
Nominal tonnage		8.5			8.5		
Evaporator fan data belt drive	Airflow option	A	B	C	A	B	C
	Quantity	1	1	1	1	1	1
	Fan size (in.)	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15
	Type	Centrifugal			Centrifugal		
	Motor sheave	1VL34	1VL44	1VP50	1VL34	1VL44	1VP50
	Blower sheave	AK74	AK74	AK74	AK74	AK74	AK74
	Belt	A47	A48	A50	A47	A48	A50
	Motor max bhp, 3 phase	2.4	2.4	3.7	2.4	2.4	3.7
	rpm	1,725	1,725	1,725	1,725	1,725	1,725
	Frame size	56Y	56Y	56HZ	56Y	56Y	56HZ
Filters	Quantity - size	4 - (20 x 20 x 2)[2]			4 - (20 x 20 x 2)[2]		

Note:
1. MagnaDRY reheat option is available in power supply of 208/230/460/575-3-60 options only.
2. 2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value)

Table 20: KL12 physical data

Component		Models			
		KLG12			KLE12
Nominal tonnage		10			10
AHRI cooling performance	Gross capacity at AHRI A point (BTU)	121,000			121,000
	AHRI net capacity (BTU)	118,000			118,000
	EER	12			12.2
	SEER	—			—
	IEER IntelliSpeed	15.4			15.6
	VAV IEER	15.2			15.4
	Nominal cfm	3,100			3,100
	System power (kW)	9.80			9.80
	Refrigerant type	R-454B			R-454B
	Refrigerant charge (lb-oz)				
	System 1	5-4			5-4
	System 2	5-10			5-10
	Refrigerant charge MagnaDRY† option (lb-oz)				
	System 1	6-0			6-0
	System 2	5-10			5-10
AHRI heating performance three phase	Heating Option	D	E	F	—
	Heating model	Low	Med	High	—
	First stage heat input (kBTU)	125	176	200	—
	Second stage heat input (kBTU)	180	220	250	—
	First stage heat output (kBTU)	100	141	162	—
	Second stage heat output (kBTU)	144	176	203	—
	Steady state efficiency (%)	80	80	81	—
	Number of burners	4	5	5	—
	Number of stages	2	2	2	—
	Temperature rise range (°F)	27-44	33-54	37-62	—
	Gas limit setting (°F)	150	140	160	—
	Gas piping connection (in.)	3/4	3/4	3/4	—
Dimensions (in.)	Length	87.2			87.2
	Width	61.7			61.7
	Height	55.3			55.3
Operating weight (lb)		1,050			955
	with MagnaDRY	1,068			973
Compressors	Type	Scroll			Scroll
	Quantity	2			2
	Unit Capacity Steps (%)	34 / 67 /100			34 / 67 /100
Condenser coil data	Face area (sq ft)	24.9			24.9
	Rows	1			1
	Fins per in.	21			21
	Tube diameter(in./mm)	1.26/32			1.26/32
	Circuitry type	2-pass Microchannel			2-pass Microchannel
Evaporator coil data	Face area (sq ft)	11.1			11.1
	Rows	4			4
	Fins per in.	15			15
	Tube diameter	0.375			0.375
	Circuitry type	Intertwined			Intertwined
	Refrigerant control	TXV			TXV
Reheat option coil data	Face area (sq ft)	8.2			8.2
	Rows	1			1
	Fins per in.	23			23
	Tube diameter(in. / mm)	1/25			1/25
Condenser fan data	Quantity of fans	1			1
	Fan diameter (in.)	30			30
	Type	Prop			Prop
	Drive type	Direct			Direct
	Quantity of motors	1			1
	Motor hp each	1 1/2			1 1/2
	Number of speeds	1			1
	rpm	1,140			1,140
	Nominal total cfm	9,700			9,700

Table 20: KL12 physical data

Component		Models					
		KLG12			KLE12		
Nominal tonnage		10			10		
Evaporator fan data belt drive	Airflow Option	A	B	C	A	B	C
	Quantity	1	1	1	1	1	1
	Fan Size (in.)	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15
	Type	Centrifugal					
	Motor sheave	1VL44	1VP50	1VP56	1VL44	1VP50	1VP56
	Blower sheave	AK79	AK79	BK85	AK79	AK79	BK85
	Belt	A50	A50	BX52	A50	A50	BX52
	Motor max bhp, 3 phase	2.4	3.7	5.25	2.4	3.7	5.25
	rpm	1,725	1,725	1,725	1,725	1,725	1,725
	Frame size	56Y	56HZ	145TY	56Y	56HZ	145TY
Filters	Quantity - size	4 - (20 x 20 x 2)[2]			4 - (20 x 20 x 2)[2]		

Note:

1. MagnaDRY reheat option is available in power supply of 208/230/460/575-3-60 options only.
2. 2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value)

Table 21: KL14 physical data

Component		Models			
		KLG14			KLE14
Nominal tonnage		**12.5**			**12.5**
AHRI cooling performance	Gross capacity at AHRI A point (BTU)	140,000			140,000
	AHRI net capacity (BTU)	135,000			135,000
	EER	11.0			11.2
	SEER	—			—
	IEER IntelliSpeed	14.7			14.9
	VAV IEER	14.5			14.7
	Nominal cfm	3,900			3,900
	System power (kW)	12.10			12.00
	Refrigerant type	R-454B			R-454B
	Refrigerant charge (lb-oz)				
	System 1	5-8			5-8
	System 2	5-12			5-12
	Refrigerant charge MagnaDRY† option (lb-oz)				
	System 1	6-6			6-6
	System 2	5-12			5-12
AHRI heating performance three phase	Heating option	D	E	F	—
	Heating model	Low	Med	High	—
	First stage heat input (kBTU)	125	176	200	—
	Second stage heat input (kBTU)	180	220	250	—
	First stage heat output (kBTU)	100	141	162	—
	Second stage heat output (kBTU)	144	176	203	—
	Steady state efficiency (%)	80	80	81	—
	Number of burners	4	5	5	—
	Number of stages	2	2	2	—
	Temperature rise range (°F)	21-36	26-43	30-49	—
	Gas limit setting (°F)	150	140	160	—
	Gas piping connection (in.)	3/4	3/4	3/4	—
Dimensions (in.)	Length	87.2			87.2
	Width	61.7			61.7
	Height	55.3			55.3
Operating weight (lb)		1,070			980
	with MagnaDRY	1,088			998
Compressors	Type	Scroll			Scroll
	Quantity	2			2
	Unit capacity steps (%)	34 / 67 /100			34 / 67 /100
Condenser coil data	Face area (sq ft)	24.9			24.9
	Rows	1			1
	Fins per in.	21			21
	Tube diameter(in./mm)	1.26/32			1.26/32
	Circuitry Type	2-pass Microchannel			2-pass Microchannel
Evaporator coil data	Face area (sq ft)	11.1			11.1
	Rows	4			4
	Fins per in.	15			15
	Tube diameter	0.375			0.375
	Circuitry Type	Intertwined			Intertwined
	Refrigerant control	TXV			TXV
Reheat option coil data	Face area (sq ft)	8.2			8.2
	Rows	1			1
	Fins per in.	23			23
	Tube diameter(in./mm)	1/25			1/25
Condenser fan data	Quantity of fans	1			1
	Fan diameter (in.)	30			30
	Type	Prop			Prop
	Drive type	Direct			Direct
	Quantity of motors	1			1
	Motor hp each	1 1/2			1 1/2
	Number of speeds	1			1
	rpm	1,140			1,140
	Nominal total cfm	9,700			9,700

Table 21: KL14 physical data

Component		Models					
		KLG14			KLE14		
Nominal tonnage		12.5			12.5		
Evaporator fan data belt drive	Airflow option	A	B	C	A	B	C
	Quantity	1	1	1	1	1	1
	Fan size (in.)	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15	15 x 15
	Type	Centrifugal			Centrifugal		
	Motor sheave	1VL44	1VP50	1VP56	1VL44	1VP50	1VP56
	Blower sheave	AK79	AK79	BK85	AK79	AK79	BK85
	Belt	A50	A50	BX54	A50	A50	BX54
	Motor max bhp, 3 phase	2.9	3.7	5.25	2.9	3.7	5.25
	rpm	1,750	1,750	1,750	1,750	1,750	1,750
	Frame size	56Y	182TZ	184TZ	56Y	182TZ	184TZ
Filters	Quantity - size	4 - (20 x 20 x 2)[2]			4 - (20 x 20 x 2)[2]		

Note:

1. MagnaDRY reheat option is available in power supply of 208/230/460/575-3-60 options only.
2. 2 in. throwaway, standard, MERV 4 (Minimum Efficiency Reporting Value)

KQ/KX/KY/KL 04 to 14 unit limitations

Table 22: Unit limitations

Model	Size (ton)	Unit voltage	SCCR (kVA)	Unit limitations		
				Applied voltage		Outdoor DB temp
				Min	Max	Max (°F)
KQ/KY/KL	04 (3)	208/230-1-60	5	187	252	125
		208/230-3-60	5	187	252	125
		460-3-60	5	432	504	125
		575-3-60	5	540	630	125
KQ/KY	05 (4)	208/230-1-60	5	187	252	125
		208/230-3-60	5	187	252	125
		460-3-60	5	432	504	125
		575-3-60	5	540	630	125
KQ/KY	06 (5)	208/230-1-60	5	187	252	125
		208/230-3-60	5	187	252	125
		460-3-60	5	432	504	125
		575-3-60	5	540	630	125
KL	05(4)	208/230-3-60	5	187	252	125
		460-3-60	5	432	504	125
		575-3-60	5	540	630	125
KL	06(5)	208/230-3-60	5	187	252	125
		460-3-60	5	432	504	125
		575-3-60	5	540	630	125
KX/KY	A7 (6)	208/230-3-60	5	187	252	125
		460-3-60	5	432	504	125
		575-3-60	5	540	630	125
KY/KL	08 (7.5)	208/230-3-60	5	187	252	125
		460-3-60	5	432	504	125
		575-3-60	5	540	630	125
KY/KL	09 (8.5)	208/230-3-60	5	187	252	125
		460-3-60	5	432	504	125
		575-3-60	5	540	630	125
KY/KL	12 (10)	208/230-3-60	5	187	252	125
		460-3-60	5	432	504	125
		575-3-60	5	540	630	125
KL	14 (12.5)	208/230-3-60	5	187	252	125
		460-3-60	5	432	504	125
		575-3-60	5	540	630	125

Capacity performance

KQ04 to 06 cooling capacities

Table 23: KQ04 (3.0 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
750	77	45.3	2.0	22.8	19.5	16.1	-	-	-	43.4	2.2	21.8	18.3	14.8	-	-	-
	72	41.6	2.0	27.5	23.7	19.9	16.1	-	-	39.5	2.2	26.5	22.6	18.7	14.8	-	-
	67	38.0	2.0	32.1	27.9	23.7	19.7	15.7	-	35.6	2.2	31.2	26.9	22.6	18.5	14.5	-
	62	34.4	2.0	34.4	31.4	27.5	22.5	19.1	14.9	32.7	2.3	32.7	30.2	26.4	21.9	18.1	13.9
900	77	46.3	2.0	25.3	20.9	16.5	-	-	-	44.1	2.2	24.4	19.8	15.2	-	-	-
	72	42.7	2.0	30.1	25.6	21.1	16.6	-	-	40.5	2.2	29.0	24.5	19.9	15.3	-	-
	67	39.1	2.0	33.0	30.3	25.6	21.0	16.3	-	36.8	2.2	31.8	29.1	24.5	19.8	15.1	-
	62	36.2	2.0	33.3	33.3	30.2	24.8	20.6	15.7	46.0	2.3	32.0	32.0	29.2	24.0	19.5	14.7
	57	33.4	2.0	33.4	33.4	33.4	29.8	24.8	19.8	32.1	2.3	32.1	32.1	32.1	28.8	23.9	18.9
1050	77	47.4	2.0	27.7	22.3	16.9	-	-	-	44.9	2.2	27.0	21.3	15.7	-	-	-
	72	43.8	2.0	32.7	27.5	22.3	17.1	-	-	41.5	2.2	31.6	26.3	21.1	15.8	-	-
	67	40.3	2.0	35.6	32.6	27.6	22.3	16.9	-	38.0	2.2	34.3	31.4	26.5	21.1	15.7	-
	62	38.1	2.0	35.8	35.8	33.0	27.0	22.0	16.5	36.3	2.2	34.5	34.5	31.9	26.2	20.9	15.4
	57	35.9	2.0	35.9	35.9	35.9	32.7	27.1	21.5	34.6	2.3	34.6	34.6	34.6	31.7	26.1	20.4
1200	77	48.4	2.0	30.2	23.8	17.3	-	-	-	45.6	2.3	29.6	22.8	16.1	-	-	-
	72	44.9	2.0	35.3	29.4	23.5	17.5	-	-	42.4	2.2	34.2	28.2	22.3	16.3	-	-
	67	41.4	2.0	38.2	35.0	29.6	23.5	17.5	-	39.2	2.2	36.5	33.6	28.4	22.4	16.3	-
	62	40.0	2.0	38.3	38.3	35.7	29.3	23.5	17.3	38.1	2.2	36.9	36.9	34.6	28.3	22.3	16.1
	57	38.5	2.0	38.5	38.5	38.5	35.6	29.4	23.2	37.0	2.3	37.0	37.0	37.0	34.5	28.2	22.0
1350	72	46.0	2.0	37.9	31.3	24.6	18.0	-	-	43.4	2.3	36.8	30.1	23.4	16.8	-	-
	67	42.6	2.0	41.0	37.4	31.5	24.8	18.1	-	40.4	2.2	39.2	35.9	30.4	23.7	16.9	-
	62	41.8	2.0	41.0	41.0	38.4	31.5	24.9	18.1	39.9	2.2	39.3	39.3	37.4	30.4	23.7	16.8
	57	41.0	2.0	41.0	41.0	41.0	38.5	31.7	24.8	39.4	2.2	39.4	39.4	39.4	37.4	30.4	23.5
1500	72	47.1	2.0	40.6	33.2	25.8	18.5	-	-	44.4	2.3	39.3	32.0	24.6	17.3	-	-
	67	43.8	2.0	43.3	39.8	33.5	26.1	18.7	-	41.9	2.2	41.9	38.1	32.4	24.9	17.5	-
	62	43.7	2.0	43.5	43.5	41.2	33.8	26.4	18.9	41.9	2.2	41.9	41.8	40.1	32.6	25.1	17.5
	57	43.6	2.0	43.6	43.6	43.6	41.4	34.0	26.5	41.9	2.2	41.9	41.9	41.9	40.2	32.6	25.0

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 24: KQ04 (3.0 ton, 95°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		95°F								105°F							
750	77	41.5	2.5	20.7	17.1	13.5	-	-	-	38.4	2.9	19.7	16.1	12.5	-	-	-
	72	37.4	2.5	25.5	21.5	17.5	13.5	-	-	34.7	2.9	24.4	20.4	16.4	12.3	-	-
	67	33.3	2.5	30.2	25.8	21.4	17.4	13.3	-	31.1	2.9	28.0	24.7	20.3	16.2	12.2	-
	62	30.9	2.5	30.9	29.1	25.4	21.2	17.1	13.0	28.7	3.0	28.7	27.9	24.1	20.1	16.0	11.9
900	77	41.9	2.5	23.5	18.7	14.0	-	-	-	38.8	2.9	22.6	17.7	12.9	-	-	-
	72	38.2	2.5	28.0	23.3	18.7	14.0	-	-	35.6	2.9	26.9	22.2	17.5	12.8	-	-
	67	34.5	2.5	30.7	27.9	23.4	18.6	13.9	-	32.3	2.9	28.2	26.7	22.2	17.4	12.7	-
	62	32.7	2.5	30.8	30.8	28.1	23.3	18.4	13.6	30.5	2.9	28.5	28.5	26.8	22.0	17.2	12.4
	57	30.9	2.6	30.9	30.9	30.9	27.9	23.0	18.1	28.6	3.0	28.6	28.6	28.6	26.6	21.8	16.9
1050	77	42.4	2.5	26.2	20.3	14.4	-	-	-	39.2	2.9	25.4	19.3	13.2	-	-	-
	72	39.1	2.5	30.5	25.2	19.9	14.5	-	-	36.4	2.9	29.3	24.0	18.7	13.3	-	-
	67	35.8	2.5	33.0	30.1	25.3	19.9	14.5	-	33.6	2.9	30.2	28.6	24.1	18.7	13.2	-
	62	34.5	2.5	33.1	33.1	30.8	25.3	19.8	14.2	32.3	2.9	30.5	30.5	29.5	24.0	18.5	12.9
	57	33.2	2.5	33.2	33.2	33.2	30.7	25.0	19.4	30.9	3.0	30.9	30.9	30.9	29.3	23.7	18.0
1200	77	42.9	2.5	29.0	21.9	14.8	-	-	-	39.7	2.9	28.3	21.0	13.6	-	-	-
	72	40.0	2.5	33.1	27.1	21.1	15.1	-	-	37.3	2.9	31.7	25.8	19.8	13.9	-	-
	67	37.0	2.5	35.1	32.2	27.3	21.2	15.1	-	34.9	2.9	33.0	30.6	26.0	19.9	13.8	-
	62	36.3	2.5	35.3	35.3	33.6	27.3	21.1	14.9	34.0	2.9	33.1	33.1	32.2	25.9	19.7	13.4
	57	35.5	2.5	35.5	35.5	35.5	33.5	27.1	20.7	33.2	2.9	33.2	33.2	33.2	32.0	25.6	19.1
1350	72	40.8	2.5	35.6	28.9	22.3	15.6	-	-	38.1	2.9	34.1	27.5	21.0	14.4	-	-
	67	38.3	2.5	37.5	34.3	29.3	22.5	15.7	-	36.2	2.9	35.0	32.5	27.9	21.1	14.3	-
	62	38.1	2.5	37.7	37.7	36.3	29.4	22.4	15.5	35.8	2.9	35.3	35.3	34.9	27.9	20.9	13.9
	57	37.8	2.5	37.8	37.8	37.8	36.2	29.2	22.1	35.5	2.9	35.5	35.5	35.5	34.7	27.5	20.3
1500	72	41.7	2.5	38.1	30.8	23.5	16.1	-	-	38.9	2.9	36.6	29.3	22.1	14.9	-	-
	67	39.5	2.5	39.0	36.5	31.2	23.8	16.3	-	37.4	2.9	36.8	34.4	29.8	22.4	14.9	-
	62	39.4	2.5	39.0	39.0	39.0	31.4	23.7	16.1	37.3	2.9	36.9	36.9	36.9	29.9	22.1	14.4
	57	39.0	2.5	39.0	39.0	39.0	39.0	31.2	23.4	37.0	2.9	37.0	37.0	37.0	37.0	29.4	21.4
		115°F								125°F							
750	77	35.4	3.3	18.7	15.1	11.5	-	-	-	32.4	3.7	17.6	14.0	10.4	-	-	-
	72	32.1	3.3	23.4	19.4	15.3	11.2	-	-	29.5	3.7	22.4	18.3	14.2	10.1	-	-
	67	28.8	3.3	28.2	23.7	19.1	15.1	11.0	-	26.6	3.7	24.1	22.6	17.9	13.9	9.9	-
	62	26.5	3.4	26.5	26.5	22.9	18.9	14.9	10.9	24.3	3.8	24.3	24.3	21.7	17.8	13.8	9.9
900	77	35.7	3.3	21.7	16.7	11.8	-	-	-	32.7	3.7	20.7	15.7	10.7	-	-	-
	72	32.9	3.3	25.7	21.1	16.4	11.7	-	-	30.3	3.7	23.8	19.9	15.2	10.5	-	-
	67	32.0	3.3	25.9	25.4	21.0	16.2	11.5	-	27.9	3.7	23.9	23.9	19.8	15.0	10.3	-
	62	28.2	3.4	26.2	26.2	25.6	20.8	16.0	11.3	26.0	3.8	24.0	24.0	24.0	19.6	14.8	10.1
	57	26.4	3.4	26.4	26.4	26.4	25.4	20.5	15.7	24.1	3.8	24.1	24.1	24.1	24.1	19.3	14.6
1050	77	36.1	3.3	24.7	18.4	12.1	-	-	-	32.9	3.7	23.9	17.4	10.9	-	-	-
	72	33.8	3.3	28.1	22.8	17.5	12.2	-	-	31.1	3.7	26.0	21.5	16.3	11.0	-	-
	67	31.4	3.3	28.3	27.1	22.8	17.4	12.0	-	29.2	3.7	26.1	25.7	21.6	16.2	10.8	-
	62	30.0	3.3	28.5	28.5	28.2	22.7	17.1	11.6	27.8	3.8	26.2	26.2	26.2	21.4	15.8	10.3
	57	28.6	3.4	28.6	28.6	28.6	27.9	22.3	16.6	26.3	3.8	26.3	26.3	26.3	26.3	20.9	15.2
1200	77	36.4	3.3	27.7	20.0	12.4	-	-	-	33.2	3.7	27.0	19.1	11.2	-	-	-
	72	34.6	3.3	30.4	24.5	18.6	12.6	-	-	31.9	3.7	28.1	23.2	17.3	11.4	-	-
	67	32.7	3.3	30.5	28.9	24.7	18.6	12.5	-	30.6	3.7	28.3	27.2	23.4	17.3	11.2	-
	62	31.8	3.3	30.7	30.7	30.7	24.6	18.3	12.0	29.5	3.7	28.4	28.4	28.4	23.2	16.9	10.5
	57	30.8	3.4	30.8	30.8	30.8	30.5	24.0	17.5	28.5	3.8	28.5	28.5	28.5	28.5	22.5	15.9
1350	72	35.4	3.3	32.7	26.2	19.6	13.1	-	-	32.7	3.7	31.2	24.8	18.3	11.9	-	-
	67	34.0	3.3	33.0	30.6	26.6	19.8	13.0	-	31.9	3.7	30.4	28.8	25.2	18.5	11.7	-
	62	33.6	3.3	33.1	33.1	33.1	26.5	19.4	12.3	31.3	3.7	30.6	30.6	30.6	25.0	17.9	10.7
	57	33.1	3.3	33.1	33.1	33.1	33.1	25.8	18.4	30.7	3.8	30.7	30.7	30.7	30.7	24.1	16.6
1500	72	36.2	3.3	35.0	27.9	20.7	13.6	-	-	33.5	3.7	32.5	26.4	19.4	12.4	-	-
	67	35.3	3.3	35.3	32.4	28.5	21.0	13.5	-	33.2	3.7	32.7	30.3	27.1	19.6	12.1	-
	62	35.3	3.3	35.3	35.3	35.3	28.3	20.5	12.7	33.1	3.7	32.9	32.9	32.9	26.8	18.9	11.0
	57	35.3	3.3	35.3	35.3	35.3	35.3	27.5	19.3	32.9	3.7	32.9	32.9	32.9	32.9	25.7	17.3

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 25: KQ05 (4.0 ton, 75°F to 105°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
1000	77	63.2	2.7	32.0	27.0	22.0	-	-	-	59.7	3.2	29.5	25.0	20.4	-	-	-
	72	57.7	2.7	38.0	32.6	27.3	21.9	-	-	54.2	3.1	36.3	31.1	25.8	20.6	-	-
	67	52.3	2.7	44.1	38.3	32.6	27.1	21.8	-	48.7	3.1	43.1	37.2	31.3	25.9	20.6	-
	62	47.5	2.7	47.5	44.2	37.9	31.9	27.1	21.7	45.0	3.1	45.0	42.8	36.7	30.9	25.8	20.3
1200	77	64.6	2.7	35.5	29.0	22.5	-	-	-	60.8	3.2	33.6	27.2	20.9	-	-	-
	72	59.3	2.7	41.6	35.2	28.9	22.5	-	-	55.8	3.1	39.9	33.6	27.4	21.1	-	-
	67	54.1	2.7	43.4	41.5	35.3	28.8	22.5	-	50.7	3.1	43.5	40.0	33.9	27.4	21.1	-
	62	50.2	2.7	45.0	45.0	41.7	34.7	28.8	22.3	47.7	3.1	44.0	44.0	40.3	33.6	27.3	20.8
	57	46.3	2.7	46.3	46.3	46.3	41.5	35.0	28.5	44.7	3.1	44.7	44.7	44.7	40.2	33.5	26.9
1400	77	65.9	2.7	39.0	31.0	23.1	-	-	-	62.0	3.2	37.7	29.5	21.3	-	-	-
	72	60.9	2.7	45.1	37.8	30.5	23.2	-	-	57.4	3.1	43.5	36.2	28.9	21.6	-	-
	67	55.8	2.7	49.4	44.6	38.0	30.5	23.1	-	52.8	3.1	47.3	42.8	36.4	29.0	21.6	-
	62	52.9	2.7	49.9	49.9	45.4	37.5	30.4	22.9	50.4	3.1	47.9	47.9	44.0	36.2	28.8	21.3
	57	50.1	2.7	50.1	50.1	50.1	45.3	37.7	30.1	48.1	3.1	48.1	48.1	48.1	43.8	36.1	28.4
1600	77	67.3	2.7	42.5	33.1	23.6	-	-	-	63.2	3.2	41.8	31.8	21.8	-	-	-
	72	62.5	2.7	48.7	40.4	32.1	23.8	-	-	59.0	3.2	47.1	38.7	30.4	22.1	-	-
	67	57.6	2.7	53.0	47.8	40.6	32.2	23.8	-	54.8	3.1	51.0	45.7	39.0	30.5	22.1	-
	62	55.7	2.7	53.2	53.1	49.2	40.4	32.0	23.5	53.2	3.1	51.3	51.0	47.7	38.9	30.4	21.8
	57	53.8	2.7	53.8	53.8	53.8	49.0	40.3	31.6	51.5	3.1	51.5	51.5	51.5	47.5	38.7	29.9
1800	72	64.1	2.7	52.3	43.0	33.8	24.5	-	-	60.6	3.2	50.6	41.3	31.9	22.6	-	-
	67	59.4	2.7	56.4	50.9	43.3	33.9	24.4	-	56.9	3.2	55.4	48.5	41.6	32.1	22.6	-
	62	58.4	2.7	56.9	56.0	52.9	43.2	33.7	24.1	55.9	3.2	55.7	53.7	51.3	41.6	31.9	22.3
	57	57.5	2.7	57.0	57.0	57.0	52.7	42.9	33.1	54.9	3.1	54.9	54.9	54.9	51.1	41.3	31.4
2000	72	65.6	2.7	55.9	45.6	35.4	25.1	-	-	62.2	3.2	54.2	43.8	33.5	23.1	-	-
	67	61.2	2.7	60.0	54.1	46.0	35.6	25.1	-	58.9	3.2	56.9	51.3	44.2	33.7	23.1	-
	62	61.2	2.7	60.2	58.9	56.7	46.0	35.3	24.6	58.6	3.2	57.0	56.4	55.0	44.2	33.5	22.8
	57	61.2	2.7	60.3	60.3	60.3	56.4	45.5	34.6	58.3	3.2	57.3	57.3	57.3	54.8	43.9	33.0
		95°F								105°F							
1000	77	56.2	3.6	27.1	23.0	18.9	-	-	-	52.9	4.2	26.0	22.0	17.9	-	-	-
	72	50.6	3.6	34.6	29.5	24.4	19.3	-	-	47.6	4.1	33.4	28.2	23.1	18.0	-	-
	67	45.1	3.5	42.1	36.0	29.9	24.6	19.3	-	42.3	4.1	40.8	34.5	28.3	23.0	17.7	-
	62	42.6	3.5	42.6	41.3	35.5	29.9	24.4	18.8	40.7	4.0	40.7	39.0	33.5	28.1	22.7	17.3
1200	77	57.1	3.6	31.8	25.5	19.2	-	-	-	53.4	4.2	30.6	24.3	17.9	-	-	-
	72	52.3	3.6	38.2	32.0	25.8	19.6	-	-	48.9	4.2	36.8	30.6	24.4	18.2	-	-
	67	47.4	3.5	42.9	38.5	32.4	26.0	19.7	-	44.4	4.1	41.0	36.8	30.8	24.4	18.0	-
	62	45.2	3.5	43.0	43.0	39.0	32.4	25.8	19.2	43.1	4.1	41.3	41.3	37.2	30.6	24.1	17.5
	57	43.1	3.5	43.1	43.1	43.1	38.8	32.0	25.2	41.7	4.0	41.7	41.7	41.7	36.9	30.2	23.4
1400	77	58.1	3.6	36.5	28.0	19.6	-	-	-	53.9	4.2	35.2	26.6	18.0	-	-	-
	72	53.9	3.6	41.8	34.5	27.3	20.0	-	-	50.2	4.2	40.1	32.9	25.6	18.3	-	-
	67	49.7	3.6	45.9	41.0	34.9	27.5	20.0	-	46.5	4.1	44.0	39.2	33.3	25.8	18.3	-
	62	47.9	3.5	46.0	46.0	42.6	34.9	27.3	19.6	45.4	4.1	44.2	44.0	40.9	33.2	25.5	17.8
	57	46.2	3.5	46.2	46.2	46.2	42.4	34.6	26.7	44.3	4.1	44.3	44.3	44.3	40.6	32.7	24.8
1600	77	59.0	3.6	41.2	30.6	20.0	-	-	-	54.4	4.2	39.8	28.9	18.0	-	-	-
	72	55.5	3.6	45.4	37.0	28.7	20.3	-	-	51.5	4.2	43.5	35.2	26.9	18.5	-	-
	67	52.0	3.6	49.0	43.5	37.4	28.9	20.4	-	48.7	4.1	46.8	41.5	35.7	27.1	18.6	-
	62	50.6	3.6	49.1	48.8	46.2	37.5	28.8	20.1	47.8	4.1	46.9	46.6	44.6	35.8	26.9	18.1
	57	49.2	3.5	49.2	49.2	49.2	46.0	37.1	28.3	47.0	4.1	47.0	47.0	47.0	44.4	35.3	26.2
1800	72	57.1	3.6	49.0	39.6	30.1	20.7	-	-	52.9	4.2	46.9	37.5	28.1	18.7	-	-
	67	54.3	3.6	52.1	46.0	39.9	30.3	20.7	-	50.8	4.2	49.4	43.8	38.2	28.5	18.8	-
	62	53.3	3.6	52.2	51.4	49.7	40.0	30.2	20.5	50.2	4.1	49.5	49.1	48.3	38.3	28.3	18.3
	57	52.3	3.6	52.3	52.3	52.3	49.6	39.7	29.8	49.6	4.1	49.6	49.6	49.6	48.1	37.8	27.5
2000	72	58.8	3.6	52.6	42.1	31.6	21.0	-	-	54.2	4.2	50.3	39.8	29.4	18.9	-	-
	67	56.6	3.6	54.7	48.5	42.4	31.8	21.1	-	52.9	4.2	51.6	46.1	40.7	29.9	19.1	-
	62	56.0	3.6	54.5	53.9	53.3	42.5	31.7	20.9	52.6	4.2	51.3	51.3	51.3	40.9	29.7	18.6
	57	55.4	3.6	54.3	54.3	54.3	53.2	42.2	31.3	52.3	4.2	51.0	51.0	51.0	51.0	40.4	28.9

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 26: KQ05 (4.0 ton, 115°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		115°F								125°F							
1000	77	49.6	4.8	24.9	20.9	17.0	-	-	-	46.4	5.4	23.9	19.9	16.0	-	-	-
	72	44.6	4.7	32.2	27.0	21.8	16.6	-	-	41.6	5.3	30.9	25.7	20.5	15.3	-	-
	67	39.5	4.6	38.4	33.0	26.7	21.4	16.2	-	36.8	5.2	36.8	31.5	25.0	19.8	14.7	-
	62	38.8	4.6	38.8	36.6	31.5	26.2	21.0	15.7	36.9	5.1	36.9	34.2	29.5	24.4	19.3	14.1
1200	77	49.7	4.8	29.4	23.0	16.6	-	-	-	46.0	5.4	28.2	21.8	15.3	-	-	-
	72	45.6	4.7	35.3	29.1	22.9	16.7	-	-	42.2	5.3	33.9	27.6	21.4	15.2	-	-
	67	41.5	4.7	41.2	35.2	29.1	22.8	16.4	-	38.5	5.2	38.5	33.5	27.5	21.1	14.8	-
	62	40.9	4.6	40.9	39.2	35.4	28.8	22.3	15.8	38.7	5.2	38.7	36.8	33.5	27.1	20.6	14.1
	57	40.3	4.6	40.3	40.3	40.3	34.9	28.3	21.6	38.9	5.1	38.9	38.9	38.9	33.0	26.4	19.8
1400	77	49.8	4.8	33.9	25.1	16.3	-	-	-	45.6	5.4	32.6	23.7	14.7	-	-	-
	72	46.6	4.7	38.5	31.2	24.0	16.7	-	-	42.9	5.3	36.8	29.6	22.3	15.0	-	-
	67	43.4	4.7	43.1	37.3	31.6	24.1	16.6	-	40.2	5.2	40.2	35.5	29.9	22.4	14.8	-
	62	42.9	4.6	42.9	41.7	39.2	31.5	23.7	16.0	40.4	5.2	40.4	39.4	37.5	29.7	21.9	14.1
	57	42.5	4.6	42.5	42.5	42.5	38.8	30.9	22.9	40.6	5.2	40.6	40.6	40.6	37.1	29.0	20.9
1600	77	49.9	4.8	38.4	27.2	16.0	-	-	-	45.3	5.4	37.0	25.5	14.0	-	-	-
	72	47.6	4.7	41.6	33.3	25.0	16.7	-	-	43.6	5.3	39.8	31.5	23.2	14.9	-	-
	67	45.3	4.7	44.0	39.5	34.0	25.4	16.7	-	41.9	5.3	41.9	37.4	32.4	23.6	14.9	-
	62	45.0	4.7	44.5	44.3	43.1	34.1	25.1	16.1	42.2	5.2	42.2	42.0	41.5	32.4	23.2	14.1
	57	44.7	4.6	44.7	44.7	44.7	42.7	33.4	24.1	42.4	5.2	42.4	42.4	42.4	41.1	31.6	22.0
1800	72	48.6	4.7	44.8	35.4	26.1	16.8	-	-	44.3	5.3	42.7	33.4	24.1	14.8	-	-
	67	47.2	4.7	46.7	41.6	36.5	26.7	16.9	-	43.7	5.3	43.4	39.4	34.8	24.9	15.0	-
	62	47.1	4.7	46.8	46.8	46.8	36.7	26.5	16.2	43.9	5.3	43.5	43.5	43.5	35.0	24.6	14.1
	57	46.9	4.7	46.9	46.9	46.9	46.6	36.0	25.3	44.2	5.2	43.5	43.5	43.5	43.5	34.1	23.1
2000	72	49.6	4.8	47.9	37.6	27.2	16.8	-	-	45.0	5.3	45.0	35.3	25.0	14.6	-	-
	67	49.1	4.7	47.2	43.8	39.0	28.0	17.1	-	45.4	5.3	44.0	41.4	37.2	26.2	15.1	-
	62	49.1	4.7	47.5	47.5	47.5	39.3	27.8	16.4	45.7	5.3	44.2	44.2	44.2	37.7	25.9	14.1
	57	49.1	4.7	47.7	47.7	47.7	47.7	38.5	26.5	45.9	5.3	44.4	44.4	44.4	44.4	36.7	24.2

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 27: KQ06 (5.0 ton, 75°F to 105°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
1250	77	83.3	3.4	30.9	29.3	27.1	-	-	-	77.5	3.8	32.6	29.3	25.8	-	-	-
	72	71.1	3.3	46.9	40.3	33.7	27.1	-	-	68.1	3.8	45.3	38.8	32.2	25.7	-	-
	67	58.9	3.3	58.9	51.2	40.2	35.5	27.2	-	58.6	3.8	57.9	48.2	38.7	33.1	25.7	-
	62	64.1	3.3	55.2	50.9	46.7	37.9	33.9	27.4	59.9	3.7	56.1	50.6	45.2	37.5	32.3	25.8
1500	77	83.4	3.4	37.5	32.4	27.3	-	-	-	77.7	3.8	38.6	32.2	25.8	-	-	-
	72	72.8	3.4	51.2	43.3	35.3	27.4	-	-	69.5	3.8	49.6	41.7	33.9	26.0	-	-
	67	66.8	3.3	64.9	54.1	43.3	36.9	27.6	-	65.3	3.8	57.1	51.3	41.9	34.8	26.2	-
	62	66.4	3.3	65.0	55.3	51.4	41.6	35.8	28.0	62.4	3.8	57.9	54.6	49.9	41.1	34.2	26.3
	57	66.0	3.3	65.9	56.5	59.4	51.7	43.9	36.2	63.4	3.7	58.0	58.0	58.0	50.1	42.2	34.4
1750	77	83.5	3.4	44.1	35.5	27.4	-	-	-	77.9	3.8	44.5	35.1	25.9	-	-	-
	72	74.6	3.4	55.5	46.3	37.0	27.7	-	-	71.0	3.8	53.9	44.7	35.5	26.3	-	-
	67	69.0	3.3	67.0	57.0	46.5	38.4	28.0	-	64.1	3.8	61.0	54.3	45.1	36.4	26.6	-
	62	68.8	3.3	67.5	59.7	56.1	45.4	37.7	28.5	63.9	3.8	61.3	58.6	54.7	44.7	36.1	26.9
	57	68.4	3.3	68.0	62.4	65.6	56.5	47.3	38.2	63.5	3.8	61.5	61.5	61.5	55.0	45.7	36.4
2000	77	83.6	3.4	50.7	38.6	27.5	-	-	-	78.0	3.9	50.5	37.9	26.0	-	-	-
	72	76.3	3.4	59.9	49.2	38.6	28.0	-	-	72.4	3.8	58.2	47.7	37.1	26.5	-	-
	67	72.0	3.3	63.0	59.9	49.7	39.8	28.5	-	66.8	3.8	64.5	57.4	48.3	38.0	27.0	-
	62	71.1	3.3	64.0	64.0	60.7	49.2	39.6	29.0	66.5	3.8	64.9	62.6	59.4	48.3	38.1	27.4
	57	71.0	3.3	64.6	64.6	64.6	61.3	50.7	40.2	66.3	3.8	65.0	65.0	65.0	59.8	49.1	38.4
2250	72	78.1	3.4	64.2	52.2	40.3	28.3	-	-	73.8	3.9	62.6	50.6	38.7	26.8	-	-
	67	72.5	3.4	69.1	62.8	52.8	41.2	28.9	-	70.8	3.8	69.2	60.5	51.4	39.6	27.5	-
	62	72.0	3.3	70.0	68.4	65.4	53.0	41.5	29.6	70.6	3.8	69.3	66.6	64.2	51.8	40.0	27.9
	57	71.8	3.3	70.1	70.1	70.1	66.1	54.1	42.2	70.1	3.8	68.4	68.4	68.4	64.7	52.6	40.4
2500	72	79.8	3.4	68.6	55.2	41.9	28.6	-	-	75.3	3.9	66.9	53.6	40.4	27.1	-	-
	67	75.9	3.4	75.3	65.7	56.0	42.7	29.3	-	72.2	3.8	72.2	63.5	54.6	41.3	27.9	-
	62	75.9	3.4	75.5	72.8	70.1	56.8	43.4	30.1	72.3	3.8	72.2	70.5	68.9	55.4	42.0	28.5
	57	75.9	3.4	75.7	75.7	75.7	70.9	57.5	44.2	72.4	3.8	71.9	71.9	71.9	69.6	56.0	42.4
		95°F								105°F							
1250	77	71.8	4.3	34.3	29.4	24.4	-	-	-	67.7	5.0	32.6	27.8	22.9	-	-	-
	72	65.1	4.2	43.7	37.3	30.8	24.4	-	-	61.0	4.9	42.2	35.7	29.3	22.9	-	-
	67	58.4	4.2	53.0	45.1	37.3	30.8	24.3	-	54.4	4.9	51.8	43.7	35.7	29.1	22.6	-
	62	55.8	4.2	55.8	50.4	43.7	37.2	30.7	24.2	52.8	4.8	52.8	48.3	42.0	35.4	28.9	22.3
1500	77	72.0	4.3	39.6	32.0	24.4	-	-	-	67.6	5.0	38.0	30.4	22.8	-	-	-
	72	66.2	4.3	48.0	40.2	32.4	24.6	-	-	62.0	4.9	46.3	38.6	30.8	23.0	-	-
	67	60.4	4.2	56.3	48.4	40.5	32.6	24.8	-	56.5	4.9	53.9	46.7	38.8	30.9	23.0	-
	62	58.3	4.2	56.3	53.9	48.5	40.6	32.6	24.7	55.2	4.8	54.0	51.8	46.9	38.8	30.7	22.7
	57	56.3	4.2	56.3	56.3	56.3	48.5	40.5	32.5	54.0	4.8	54.0	54.0	54.0	46.7	38.4	30.2
1750	77	72.2	4.3	44.9	34.7	24.4	-	-	-	67.6	5.0	43.5	33.1	22.6	-	-	-
	72	67.3	4.3	52.3	43.2	34.0	24.9	-	-	63.1	4.9	50.4	41.4	32.3	23.2	-	-
	67	62.4	4.3	59.0	51.7	43.7	34.4	25.2	-	58.6	4.9	56.3	49.7	42.0	32.7	23.4	-
	62	60.9	4.2	59.3	57.5	53.3	43.9	34.6	25.3	57.7	4.9	56.7	55.2	51.7	42.1	32.6	23.0
	57	59.4	4.2	59.4	59.4	59.4	53.5	44.0	34.6	56.9	4.8	56.9	56.9	56.9	51.6	41.8	32.0
2000	77	72.4	4.3	50.2	37.3	24.4	-	-	-	67.5	5.0	49.0	35.7	22.4	-	-	-
	72	68.4	4.3	56.6	46.1	35.6	25.1	-	-	64.1	5.0	54.6	44.2	33.8	23.4	-	-
	67	64.5	4.3	62.0	54.9	46.8	36.2	25.6	-	60.7	4.9	59.3	52.7	45.2	34.5	23.7	-
	62	63.5	4.3	62.4	61.1	58.1	47.3	36.6	25.8	60.2	4.9	59.6	58.7	56.5	45.5	34.4	23.4
	57	62.6	4.2	62.6	62.6	62.6	58.4	47.5	36.6	59.7	4.9	59.7	59.7	59.7	56.5	45.1	33.7
2250	72	69.6	4.3	60.9	49.0	37.2	25.4	-	-	65.1	5.0	58.7	47.0	35.3	23.6	-	-
	67	66.5	4.3	65.5	58.2	50.0	38.0	26.0	-	62.8	4.9	62.8	55.7	48.4	36.2	24.1	-
	62	66.1	4.3	65.6	64.7	62.9	50.7	38.5	26.3	62.7	4.9	62.7	62.2	61.4	48.8	36.3	23.7
	57	65.7	4.3	65.7	65.7	65.7	63.4	51.0	38.7	62.6	4.9	62.6	62.6	62.6	61.4	48.5	35.5
2500	72	70.7	4.4	65.2	52.0	38.8	25.6	-	-	66.1	5.0	62.8	49.8	36.8	23.8	-	-
	67	68.6	4.3	68.6	61.4	53.2	39.8	26.5	-	64.9	5.0	64.9	58.7	51.5	38.0	24.5	-
	62	68.7	4.3	68.7	68.3	67.7	54.1	40.5	26.9	65.2	5.0	65.1	65.1	65.1	52.2	38.1	24.1
	57	68.8	4.3	68.1	68.1	68.1	68.1	54.5	40.7	65.4	4.9	64.5	64.5	64.5	64.5	51.8	37.2

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 28: KQ06 (5.0 ton, 115°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		115°F								125°F							
1250	77	63.5	5.7	30.8	26.1	21.4	-	-	-	59.4	6.4	29.0	24.5	20.0	-	-	-
	72	57.0	5.6	40.7	34.2	27.7	21.3	-	-	52.9	6.2	39.1	32.7	26.2	19.7	-	-
	67	50.4	5.5	49.0	42.3	34.1	27.5	21.0	-	46.9	6.1	46.8	40.8	32.4	25.9	19.3	-
	62	49.8	5.4	49.8	46.2	40.4	33.7	27.1	20.4	46.8	6.0	46.8	44.1	38.7	32.0	25.3	18.6
1500	77	63.2	5.7	36.4	28.8	21.1	-	-	-	58.8	6.4	34.9	27.2	19.5	-	-	-
	72	57.9	5.6	44.6	36.9	29.2	21.4	-	-	53.7	6.2	42.9	35.2	27.5	19.8	-	-
	67	52.6	5.5	51.1	45.0	37.2	29.2	21.3	-	49.6	6.1	49.2	43.3	35.6	27.5	19.5	-
	62	52.1	5.5	51.5	49.6	45.2	37.0	28.8	20.6	49.5	6.1	49.3	47.4	43.6	35.3	26.9	18.5
	57	51.7	5.4	51.7	51.7	51.7	44.8	36.4	27.9	49.4	6.0	49.4	49.4	49.4	43.0	34.3	25.6
1750	77	62.9	5.7	42.1	31.5	20.8	-	-	-	58.3	6.4	40.7	29.9	19.0	-	-	-
	72	58.8	5.6	48.6	39.6	30.6	21.6	-	-	54.6	6.3	46.7	37.8	28.9	19.9	-	-
	67	54.7	5.5	54.0	47.7	40.4	31.0	21.6	-	51.9	6.2	51.5	45.8	38.7	29.2	19.8	-
	62	54.5	5.5	54.1	53.0	50.1	40.3	30.6	20.8	51.6	6.1	51.6	50.7	48.5	38.5	28.5	18.5
	57	54.3	5.5	54.3	54.3	54.3	49.7	39.5	29.4	51.7	6.1	51.7	51.7	51.7	47.8	37.3	26.7
2000	77	62.6	5.7	47.7	34.1	20.5	-	-	-	57.7	6.4	46.5	32.5	18.6	-	-	-
	72	59.7	5.6	52.6	42.3	32.0	21.7	-	-	55.4	6.3	50.5	40.4	30.2	20.0	-	-
	67	56.9	5.5	56.9	50.4	43.5	32.7	21.9	-	54.2	6.2	54.0	48.2	41.8	30.9	20.0	-
	62	56.9	5.5	56.9	56.3	55.0	43.7	32.3	20.9	54.1	6.2	54.0	54.0	53.5	41.8	30.2	18.5
	57	56.9	5.5	56.9	56.9	56.9	54.6	42.7	30.8	54.0	6.1	54.0	54.0	54.0	52.7	40.3	27.9
2250	72	60.7	5.6	56.5	45.0	33.4	21.9	-	-	56.2	6.3	54.4	42.9	31.5	20.1	-	-
	67	59.6	5.6	59.2	53.2	46.7	34.4	22.2	-	55.3	6.2	55.3	50.7	45.0	32.6	20.3	-
	62	59.5	5.6	59.3	59.3	59.3	47.0	34.0	21.1	55.3	6.2	55.3	55.3	55.3	45.1	31.8	18.5
	57	59.5	5.5	59.4	59.4	59.4	59.4	45.9	32.3	55.3	6.2	55.3	55.3	55.3	55.3	43.3	29.1
2500	72	61.6	5.7	60.5	47.7	34.8	22.0	-	-	57.0	6.3	57.0	45.5	32.9	20.2	-	-
	67	61.2	5.6	60.5	55.9	49.8	36.1	22.5	-	57.5	6.2	57.5	53.1	48.1	34.3	20.5	-
	62	61.2	5.6	60.6	60.6	60.6	50.3	35.8	21.3	57.5	6.2	57.5	57.5	57.5	48.4	33.4	18.5
	57	61.2	5.6	60.9	60.9	60.9	60.9	49.1	33.7	57.5	6.2	57.5	57.5	57.5	57.5	46.3	30.2

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

KXA7 cooling capacities

Table 29: KXA7 (6 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
1500	77	92.3	4.2	45.3	37.3	29.4	-	-	-	84.4	4.8	40.8	34.4	28.0	-	-	-
	72	83.8	4.1	54.6	46.5	38.4	30.4	-	-	78.0	4.6	52.7	44.7	36.6	28.6	-	-
	67	75.3	4.0	63.9	55.7	47.5	38.7	30.8	-	71.6	4.5	64.6	54.9	45.3	36.8	28.8	-
	62	69.3	3.9	69.3	64.1	56.6	45.9	39.3	30.6	67.6	4.5	67.6	61.6	53.9	44.4	37.0	28.6
1800	77	93.2	4.2	50.5	40.5	30.4	-	-	-	85.8	4.7	47.1	37.8	28.6	-	-	-
	72	85.5	4.1	59.8	50.3	40.7	31.1	-	-	79.9	4.6	57.9	48.3	38.7	29.1	-	-
	67	77.8	4.0	69.2	60.1	51.0	40.8	31.4	-	74.1	4.5	68.8	58.8	48.9	38.9	29.3	-
	62	72.8	4.0	72.8	68.1	61.3	49.6	41.2	31.2	70.6	4.5	70.6	65.7	59.0	48.2	39.1	29.1
	57	67.8	3.9	67.8	67.8	67.8	61.3	51.0	40.8	67.2	4.4	67.2	67.2	67.2	59.0	48.9	38.8
2100	77	94.1	4.2	55.8	43.6	31.4	-	-	-	87.1	4.7	53.5	41.3	29.1	-	-	-
	72	87.2	4.1	65.1	54.0	42.9	31.9	-	-	81.8	4.6	63.2	52.0	40.8	29.6	-	-
	67	80.2	4.0	74.4	64.4	54.4	42.9	32.0	-	76.5	4.6	72.9	62.7	52.5	41.0	29.7	-
	62	76.3	4.0	76.3	72.1	65.9	53.3	43.1	31.8	73.7	4.5	73.7	69.8	64.2	52.0	41.1	29.6
	57	72.3	3.9	72.3	72.3	72.3	65.9	54.3	42.8	70.8	4.5	70.8	70.8	70.8	64.2	52.5	40.8
2400	77	94.9	4.2	61.1	46.8	32.5	-	-	-	88.5	4.7	59.8	44.7	29.6	-	-	-
	72	88.8	4.1	70.3	57.7	45.2	32.6	-	-	83.7	4.6	68.4	55.6	42.8	30.0	-	-
	67	82.7	4.1	79.6	68.7	57.9	45.0	32.6	-	79.0	4.6	77.0	66.5	56.1	43.1	30.2	-
	62	79.8	4.0	79.8	76.1	70.6	57.0	45.1	32.3	76.7	4.5	76.7	73.9	69.3	55.8	43.2	30.1
	57	76.9	4.0	76.9	76.9	76.9	70.5	57.6	44.8	74.4	4.5	74.4	74.4	74.4	69.3	56.1	42.9
2700	72	90.5	4.1	75.6	61.5	47.4	33.3	-	-	85.6	4.6	73.6	59.2	44.9	30.5	-	-
	67	85.1	4.1	84.8	73.1	61.3	47.2	33.2	-	81.5	4.6	81.1	70.4	59.7	45.1	30.7	-
	62	83.3	4.1	83.3	80.1	75.3	60.8	47.0	32.9	79.8	4.6	79.8	77.9	74.5	59.6	45.2	30.6
	57	81.5	4.0	81.5	81.5	81.5	75.1	60.9	46.8	78.0	4.6	78.0	78.0	78.0	74.5	59.7	45.0
3000	72	92.1	4.1	80.8	65.2	49.7	34.1	-	-	87.5	4.6	78.8	62.9	46.9	31.0	-	-
	67	87.6	4.1	87.6	77.4	64.8	49.3	33.8	-	83.9	4.6	83.9	74.2	63.3	47.2	31.2	-
	62	86.8	4.1	86.8	84.2	80.0	64.5	49.0	33.5	82.8	4.6	82.8	82.0	79.6	63.4	47.3	31.1
	57	86.0	4.1	86.0	86.0	86.0	79.7	64.2	48.8	81.6	4.6	81.6	81.6	81.6	79.6	63.4	47.1

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 30: KXA7 (6 ton, 95°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		95°F								105°F							
1500	77	76.5	5.3	36.4	31.5	26.7	-	-	-	71.2	6.0	34.6	30.0	25.4	-	-	-
	72	72.2	5.2	50.9	42.9	34.9	26.9	-	-	67.7	6.0	48.9	40.9	33.0	25.1	-	-
	67	67.8	5.1	65.3	54.2	43.0	34.9	26.8	-	64.2	6.0	63.1	51.9	40.7	32.7	24.7	-
	62	65.9	5.0	65.9	59.2	51.1	43.0	34.8	26.7	62.8	5.7	62.8	56.0	48.3	40.3	32.2	24.1
1800	77	78.3	5.3	43.7	35.2	26.7	-	-	-	72.6	6.0	41.8	33.3	24.8	-	-	-
	72	74.3	5.2	56.0	46.4	36.7	27.1	-	-	69.4	6.1	53.7	44.2	34.6	25.1	-	-
	67	70.3	5.1	68.3	57.5	46.7	37.0	27.2	-	66.3	6.1	65.6	55.0	44.4	34.6	24.9	-
	62	68.5	5.0	68.5	63.3	56.7	46.9	37.0	27.1	65.0	5.8	65.0	60.2	54.2	44.2	34.2	24.3
	57	66.7	5.0	66.7	66.7	66.7	56.8	46.7	36.7	63.7	5.6	63.7	63.7	63.7	53.8	43.6	33.4
2100	77	80.1	5.2	51.1	38.9	26.7	-	-	-	74.0	6.2	48.9	36.6	24.3	-	-	-
	72	76.5	5.1	61.2	49.9	38.6	27.3	-	-	71.2	6.1	58.5	47.4	36.2	25.0	-	-
	67	72.8	5.1	71.4	60.9	50.5	39.0	27.5	-	68.4	6.0	68.1	58.1	48.1	36.6	25.1	-
	62	71.1	5.0	71.1	67.5	62.4	50.7	39.1	27.5	67.2	5.8	67.2	64.3	60.1	48.2	36.3	24.4
	57	69.3	5.0	69.3	69.3	69.3	62.5	50.7	38.9	65.9	5.7	65.9	65.9	65.9	59.8	47.5	35.3
2400	77	82.0	5.2	58.5	42.6	26.7	-	-	-	75.4	6.1	56.1	39.9	23.7	-	-	-
	72	78.6	5.1	66.4	53.4	40.5	27.5	-	-	72.9	6.0	63.4	50.6	37.8	25.0	-	-
	67	75.3	5.1	74.4	64.3	54.2	41.1	27.9	-	70.5	6.0	70.5	61.2	51.9	38.6	25.3	-
	62	73.6	5.1	73.6	71.6	68.0	54.6	41.3	27.9	69.4	5.9	69.4	68.4	65.9	52.2	38.4	24.6
	57	72.0	5.0	72.0	72.0	72.0	68.2	54.6	41.0	68.2	5.9	68.2	68.2	68.2	65.7	51.4	37.1
2700	72	80.8	5.1	71.6	57.0	42.3	27.7	-	-	74.7	6.0	68.2	53.8	39.4	25.0	-	-
	67	77.8	5.1	77.4	67.7	58.0	43.1	28.2	-	72.7	6.0	72.7	64.4	55.6	40.5	25.5	-
	62	76.2	5.1	76.2	75.7	73.6	58.5	43.4	28.3	71.5	6.0	71.5	71.5	71.5	56.1	40.4	24.7
	57	74.6	5.1	74.6	74.6	74.6	73.9	58.6	43.2	70.4	6.0	70.4	70.4	70.4	70.4	55.3	39.0
3000	72	82.9	5.1	76.8	60.5	44.2	27.9	-	-	76.5	6.1	73.0	57.0	41.0	24.9	-	-
	67	80.3	5.1	80.3	71.1	61.7	45.2	28.6	-	74.8	6.0	74.8	67.5	59.3	42.5	25.7	-
	62	78.8	5.1	78.8	78.8	78.8	62.4	45.5	28.7	73.7	6.0	73.7	73.7	73.7	60.1	42.5	24.9
	57	77.3	5.1	77.3	77.3	77.3	77.3	62.5	45.4	72.7	6.0	72.7	72.7	72.7	72.7	59.3	40.9
		115°F								125°F							
1500	77	65.9	7.0	32.8	28.4	24.0	-	-	-	60.6	7.6	31.0	26.8	22.7	-	-	-
	72	63.2	7.0	46.9	39.0	31.2	23.4	-	-	58.7	7.6	44.9	37.1	29.4	21.6	-	-
	67	60.5	7.0	60.5	49.7	38.4	30.5	22.5	-	56.9	7.6	56.9	47.4	36.1	28.2	20.4	-
	62	59.6	6.5	59.6	52.9	45.6	37.6	29.5	21.5	56.5	7.6	56.5	49.7	42.8	34.8	26.9	18.9
1800	77	66.9	7.0	39.8	31.3	22.9	-	-	-	61.1	8.0	37.8	29.4	21.0	-	-	-
	72	64.6	7.0	51.3	41.9	32.5	23.1	-	-	59.7	8.0	49.0	39.7	30.4	21.1	-	-
	67	62.3	7.0	62.3	52.5	42.1	32.3	22.6	-	58.2	8.0	58.2	50.0	39.8	30.0	20.3	-
	62	61.4	6.5	61.4	57.0	51.7	41.6	31.5	21.4	57.9	7.2	57.9	53.8	49.1	39.0	28.8	18.6
	57	60.6	6.4	60.6	60.6	60.6	50.9	40.4	30.0	57.6	7.2	56.6	56.6	56.6	47.9	37.3	26.7
2100	77	67.8	7.0	46.7	34.3	21.8	-	-	-	61.6	8.0	44.5	31.9	19.4	-	-	-
	72	65.9	7.0	55.8	44.8	33.8	22.8	-	-	60.6	8.0	53.1	42.3	31.4	20.6	-	-
	67	64.0	7.0	64.0	55.4	45.8	34.2	22.6	-	59.6	7.9	59.6	52.6	43.4	31.8	20.2	-
	62	63.3	6.5	63.3	61.1	57.8	45.6	33.5	21.3	59.3	7.9	59.3	57.9	55.5	43.1	30.7	18.3
	57	62.5	6.4	62.5	62.5	62.5	57.1	44.3	31.6	59.1	7.5	58.9	58.9	58.9	54.3	41.2	28.0
2400	77	68.8	7.0	53.7	37.2	20.7	-	-	-	62.1	8.0	51.3	34.5	17.7	-	-	-
	72	67.3	6.9	60.3	47.7	35.1	22.5	-	-	61.6	7.9	57.2	44.8	32.4	20.0	-	-
	67	65.8	6.8	65.8	58.2	49.5	36.1	22.7	-	61.0	7.9	61.0	55.1	47.1	33.6	20.1	-
	62	65.1	6.5	65.1	65.1	63.9	49.7	35.5	21.3	60.8	7.9	60.8	60.8	60.8	47.2	32.6	17.9
	57	64.4	6.4	64.4	64.4	64.4	63.3	48.2	33.2	60.6	7.6	60.6	60.6	60.6	60.6	45.0	29.3
2700	72	68.6	7.0	64.8	50.6	36.4	22.2	-	-	62.5	7.9	61.3	47.4	33.4	19.5	-	-
	67	67.5	6.9	67.5	61.0	53.2	38.0	22.8	-	62.4	7.9	62.4	57.7	50.8	35.4	20.0	-
	62	66.9	6.9	66.9	66.9	66.9	53.7	37.4	21.2	62.2	7.9	62.2	62.2	62.2	51.3	34.5	17.6
	57	66.2	6.9	66.2	66.2	66.2	66.2	52.1	34.8	62.1	7.7	62.1	62.1	62.1	62.1	48.9	30.6
3000	72	70.0	6.9	69.2	53.5	37.7	22.0	-	-	63.5	7.9	63.5	49.9	34.5	19.0	-	-
	67	69.3	6.9	69.3	63.9	56.9	39.9	22.8	-	63.8	7.9	63.8	60.3	54.5	37.2	19.9	-
	62	68.7	6.9	68.7	68.7	68.7	57.8	39.4	21.1	63.7	7.9	63.7	63.7	63.7	55.4	36.4	17.3
	57	68.1	6.9	68.1	68.1	68.1	68.1	56.0	36.4	63.6	7.9	63.6	63.6	63.6	63.6	52.8	31.9

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

KY04 to 06 cooling capacities

Table 31: KY04 (3 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
750	77	46.8	2.0	23.3	19.6	16.0	-	-	-	45.3	2.3	22.6	18.6	14.6	-	-	-
	72	42.9	2.0	27.8	23.8	19.8	15.9	-	-	41.2	2.3	26.9	22.8	18.8	14.7	-	-
	67	39.0	2.0	32.3	28.0	23.7	19.7	15.8	-	37.1	2.3	31.3	27.1	22.9	18.8	14.7	-
	62	35.7	2.0	35.7	32.4	27.6	23.4	19.7	15.7	34.4	2.3	34.4	31.5	27.1	22.8	18.8	14.6
900	77	47.9	2.0	26.0	21.2	16.4	-	-	-	46.0	2.3	25.3	20.2	15.1	-	-	-
	72	44.2	2.0	30.7	25.9	21.2	16.4	-	-	42.2	2.3	29.7	24.9	20.1	15.2	-	-
	67	40.4	2.0	34.9	30.6	25.9	21.1	16.4	-	38.5	2.3	34.1	29.6	25.0	20.1	15.3	-
	62	37.7	2.0	35.0	35.0	30.7	25.7	21.1	16.4	46.0	2.3	34.2	33.9	30.0	25.0	20.2	15.3
	57	35.0	2.0	35.0	35.0	35.0	30.6	25.9	21.1	34.3	2.3	34.3	34.3	34.3	30.0	25.1	20.1
1050	77	49.0	2.0	28.8	22.8	16.8	-	-	-	46.7	2.3	28.0	21.8	15.5	-	-	-
	72	45.4	2.0	33.5	28.0	22.5	17.0	-	-	43.3	2.3	32.5	26.9	21.3	15.8	-	-
	67	41.8	2.0	37.5	33.2	28.1	22.6	17.0	-	39.8	2.3	36.9	32.0	27.1	21.5	15.9	-
	62	39.7	2.0	37.6	37.6	33.8	28.0	22.6	17.0	38.3	2.3	36.9	36.3	32.9	27.2	21.6	15.9
	57	37.6	2.0	37.6	37.6	37.6	33.8	28.2	22.5	36.9	2.3	36.9	36.9	36.9	33.0	27.2	21.5
1200	77	50.1	2.0	31.5	24.4	17.3	-	-	-	47.4	2.3	30.8	23.4	16.0	-	-	-
	72	46.7	2.0	36.4	30.1	23.8	17.5	-	-	44.3	2.3	35.2	28.9	22.6	16.3	-	-
	67	43.3	2.0	40.0	35.8	30.3	24.0	17.7	-	41.1	2.3	39.2	34.5	29.2	22.8	16.5	-
	62	41.8	2.0	40.1	40.1	36.9	30.4	24.1	17.7	40.3	2.3	39.3	38.6	35.8	29.3	22.9	16.5
	57	40.2	2.0	40.2	40.2	40.2	36.9	30.5	24.0	39.4	2.3	39.4	39.4	39.4	35.9	29.4	22.9
1350	72	47.9	2.0	39.2	32.2	25.1	18.1	-	-	45.3	2.3	38.0	31.0	23.9	16.9	-	-
	67	44.7	2.0	42.6	38.4	32.5	25.4	18.3	-	42.5	2.3	41.9	36.9	31.3	24.2	17.1	-
	62	43.8	2.0	42.8	42.8	39.9	32.7	25.5	18.3	42.2	2.3	42.0	41.0	38.7	31.5	24.3	17.1
	57	42.9	2.0	42.9	42.9	42.9	40.1	32.8	25.5	42.0	2.3	42.0	42.0	42.0	38.9	31.6	24.3
1500	72	49.2	2.0	42.1	34.3	26.5	18.6	-	-	46.3	2.3	40.8	33.0	25.2	17.4	-	-
	67	46.1	2.0	45.3	41.0	34.7	26.8	18.9	-	43.8	2.3	43.8	39.4	33.4	25.5	17.7	-
	62	45.8	2.0	45.4	45.4	43.0	35.0	27.0	19.0	44.2	2.3	44.2	43.3	41.7	33.7	25.7	17.7
	57	45.5	2.0	45.5	45.5	45.5	43.2	35.1	27.0	44.6	2.3	44.6	44.6	44.6	41.8	33.8	25.7

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 32: KY04 (3 ton, 95°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		95°F								105°F							
750	77	43.8	2.6	21.9	17.6	13.2	-	-	-	41.1	3.0	20.4	16.5	12.6	-	-	-
	72	39.5	2.6	26.1	21.9	17.7	13.5	-	-	37.0	3.0	25.0	20.9	16.8	12.7	-	-
	67	35.3	2.6	30.2	26.2	22.2	17.9	13.6	-	33.0	3.0	29.5	25.3	21.0	16.8	12.6	-
	62	33.2	2.6	33.2	30.7	26.6	22.3	17.9	13.6	31.6	3.0	31.6	29.0	25.1	20.9	16.6	12.4
900	77	44.1	2.6	24.6	19.2	13.7	-	-	-	41.3	2.9	23.5	18.2	13.0	-	-	-
	72	40.3	2.6	28.7	23.8	18.9	14.0	-	-	37.8	3.0	27.6	22.8	18.0	13.1	-	-
	67	36.5	2.6	33.0	28.5	24.1	19.2	14.2	-	34.3	3.0	31.8	27.4	23.0	18.0	13.1	-
	62	35.0	2.6	33.5	32.8	29.3	24.3	19.2	14.2	33.3	2.9	31.5	31.1	27.9	22.9	17.9	12.9
	57	33.6	2.6	33.6	33.6	33.6	29.4	24.3	19.1	32.4	2.9	32.4	32.4	32.4	27.8	22.7	17.6
1050	77	44.4	2.6	27.3	20.8	14.2	-	-	-	41.5	2.9	26.5	19.9	13.4	-	-	-
	72	41.1	2.6	31.4	25.8	20.2	14.6	-	-	38.5	2.9	30.3	24.7	19.2	13.6	-	-
	67	37.7	2.6	35.5	30.8	26.1	20.4	14.7	-	35.5	2.9	34.1	29.5	25.0	19.3	13.6	-
	62	36.9	2.6	36.0	34.9	32.1	26.3	20.5	14.7	35.1	2.9	34.5	33.2	30.7	25.0	19.2	13.4
	57	36.1	2.6	36.1	36.1	36.1	32.2	26.3	20.4	34.6	2.9	34.6	34.6	34.6	30.7	24.8	18.9
1200	77	44.8	2.6	30.0	22.4	14.8	-	-	-	41.6	2.9	29.5	21.6	13.8	-	-	-
	72	41.9	2.6	34.1	27.8	21.4	15.1	-	-	39.2	2.9	32.9	26.7	20.4	14.1	-	-
	67	39.0	2.5	38.2	33.1	28.1	21.7	15.3	-	36.8	2.9	36.4	31.7	27.0	20.6	14.1	-
	62	38.8	2.5	38.4	37.0	34.8	28.3	21.8	15.3	36.8	2.9	36.8	35.3	33.6	27.0	20.5	14.0
	57	38.6	2.5	38.6	38.6	38.6	34.9	28.3	21.8	36.8	2.9	36.8	36.8	36.8	33.5	26.8	20.2
1350	72	42.7	2.5	36.8	29.7	22.7	15.6	-	-	39.9	2.9	35.6	28.6	21.6	14.5	-	-
	67	41.5	2.5	40.2	35.5	30.1	23.0	15.9	-	39.5	2.9	38.0	33.8	29.0	21.8	14.7	-
	62	41.4	2.5	40.3	39.1	37.5	30.3	23.1	15.9	39.3	2.9	38.1	37.4	36.4	29.1	21.8	14.5
	57	41.2	2.5	40.5	40.5	40.5	37.7	30.4	23.1	39.0	2.9	38.2	38.2	38.2	36.3	28.9	21.5
1500	72	43.4	2.5	39.4	31.7	23.9	16.2	-	-	40.7	2.9	38.2	30.5	22.8	15.0	-	-
	67	43.3	2.5	40.0	37.8	32.1	24.3	16.4	-	41.5	2.9	38.5	36.0	31.0	23.1	15.2	-
	62	43.2	2.5	40.5	40.5	40.3	32.3	24.4	16.5	41.3	2.9	38.6	38.6	38.6	31.1	23.1	15.0
	57	43.0	2.5	40.8	40.8	40.8	40.4	32.4	24.4	41.2	2.9	38.7	38.7	38.7	38.7	31.0	22.8
		95°F								105°F							
750	77	38.4	3.3	19.0	15.5	12.0	-	-	-	35.8	3.7	17.6	14.4	11.3	-	-	-
	72	34.6	3.4	23.9	19.9	15.9	11.8	-	-	32.1	3.8	22.9	18.9	14.9	11.0	-	-
	67	30.7	3.4	28.8	24.3	19.8	15.7	11.6	-	28.5	3.8	28.1	23.4	18.6	14.6	10.5	-
	62	30.1	3.3	30.1	27.3	23.7	19.5	15.3	11.1	28.5	3.7	28.5	25.6	22.2	18.1	14.0	9.9
900	77	38.5	3.3	22.3	17.3	12.2	-	-	-	35.6	3.7	21.2	16.3	11.5	-	-	-
	72	35.2	3.4	26.5	21.8	17.0	12.2	-	-	32.7	3.8	25.5	20.7	16.0	11.3	-	-
	67	32.0	3.4	30.8	26.3	21.8	16.9	12.0	-	31.0	3.8	29.7	25.2	20.6	15.8	11.0	-
	62	31.7	3.3	31.0	29.4	26.6	21.6	16.6	11.6	31.0	3.7	30.0	27.7	25.2	20.2	15.3	10.4
	57	31.3	3.3	31.3	31.3	31.3	26.2	21.2	16.1	30.1	3.7	30.1	30.1	29.7	24.7	19.6	14.6
1050	77	38.5	3.3	25.6	19.1	12.5	-	-	-	35.5	3.7	24.8	18.2	11.7	-	-	-
	72	35.9	3.3	29.2	23.7	18.2	12.6	-	-	33.3	3.7	28.1	22.6	17.1	11.7	-	-
	67	33.3	3.3	32.7	28.2	23.8	18.2	12.5	-	31.8	3.7	31.3	27.0	22.6	17.0	11.4	-
	62	33.2	3.3	33.1	31.5	29.4	23.7	17.9	12.1	31.7	3.7	31.5	29.8	28.1	22.3	16.6	10.8
	57	33.1	3.3	33.1	33.1	33.1	29.2	23.3	17.3	31.6	3.7	31.6	31.6	31.6	27.7	21.7	15.8
1200	77	38.5	3.3	29.0	20.9	12.8	-	-	-	35.4	3.7	28.4	20.1	11.8	-	-	-
	72	36.6	3.3	31.8	25.5	19.3	13.1	-	-	33.9	3.7	30.6	24.4	18.2	12.0	-	-
	67	35.6	3.3	34.6	30.2	25.8	19.4	13.0	-	33.1	3.7	32.5	28.7	24.6	18.2	11.8	-
	62	35.4	3.3	34.9	33.6	32.3	25.7	19.2	12.6	33.1	3.7	32.6	31.9	31.1	24.4	17.8	11.2
	57	35.0	3.3	35.0	35.0	35.0	32.1	25.3	18.6	33.1	3.7	32.7	32.7	32.7	30.7	23.8	17.0
1350	72	37.2	3.3	34.4	27.4	20.4	13.5	-	-	34.5	3.7	33.2	26.3	19.3	12.4	-	-
	67	37.0	3.3	35.5	32.2	27.8	20.6	13.5	-	33.8	3.7	33.4	30.5	26.7	19.5	12.3	-
	62	36.9	3.3	35.6	35.6	35.2	27.8	20.4	13.1	33.5	3.7	33.4	33.4	33.4	26.5	19.1	11.7
	57	36.8	3.3	35.9	35.9	35.9	35.0	27.4	19.9	33.4	3.7	33.4	33.4	33.4	33.4	25.9	18.2
1500	72	37.9	3.3	37.0	29.3	21.6	13.9	-	-	35.1	3.7	35.1	28.1	20.4	12.7	-	-
	67	37.3	3.3	37.0	34.1	29.8	21.9	13.9	-	35.0	3.7	35.0	32.3	28.7	20.7	12.7	-
	62	37.2	3.3	37.0	37.0	37.0	29.9	21.7	13.6	35.0	3.7	35.0	35.0	35.0	28.7	20.4	12.1
	57	37.0	3.3	37.0	37.0	37.0	37.0	29.5	21.1	35.0	3.7	35.0	35.0	35.0	35.0	28.0	19.5

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 33: KY05 (4 ton, 75°F to 105°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
1000	77	65.4	2.6	32.8	28.2	23.7	-	-	-	62.2	3.1	31.4	26.8	22.2	-	-	-
	72	59.2	2.6	38.5	33.4	28.3	23.2	-	-	56.5	3.1	37.2	32.1	26.9	21.8	-	-
	67	53.1	2.7	44.2	38.6	33.0	27.8	22.8	-	50.9	3.1	43.0	37.3	31.6	26.5	21.5	-
	62	47.9	2.7	47.9	44.4	37.6	32.2	27.5	22.5	46.6	3.0	46.6	42.8	36.4	31.2	26.3	21.3
1200	77	66.5	2.6	36.0	29.7	23.4	-	-	-	63.1	3.1	34.6	28.3	22.0	-	-	-
	72	60.7	2.6	42.1	35.9	29.6	23.3	-	-	57.8	3.1	40.8	34.5	28.2	21.9	-	-
	67	54.9	2.7	48.2	42.0	35.8	29.4	23.1	-	52.4	3.0	45.0	40.7	34.4	28.0	21.7	-
	62	50.8	2.6	50.8	47.8	42.0	35.3	29.1	22.7	46.0	3.0	46.0	46.0	40.6	34.0	27.8	21.4
	57	46.7	2.6	46.7	46.7	46.7	41.7	35.2	28.7	46.1	3.0	46.1	46.1	46.1	40.3	33.9	27.5
1400	77	67.6	2.6	39.3	31.2	23.1	-	-	-	64.1	3.1	37.8	29.8	21.8	-	-	-
	72	62.2	2.6	45.7	38.3	30.9	23.4	-	-	59.0	3.0	44.4	36.9	29.5	22.0	-	-
	67	56.8	2.6	52.2	45.4	38.6	30.9	23.4	-	53.9	3.0	47.5	44.0	37.1	29.5	22.0	-
	62	53.5	2.6	53.5	51.2	46.4	38.3	30.8	23.0	51.9	3.0	49.2	49.2	44.8	36.9	29.3	21.6
	57	53.3	2.6	53.3	53.3	51.4	46.1	38.2	30.2	49.8	3.0	49.8	49.8	49.8	44.6	36.7	28.8
1600	77	68.7	2.6	42.5	32.7	22.8	-	-	-	65.0	3.1	41.0	31.3	21.6	-	-	-
	72	63.6	2.6	49.4	40.7	32.1	23.5	-	-	60.2	3.0	47.9	39.3	30.8	22.2	-	-
	67	58.5	2.6	53.2	48.8	41.4	32.5	23.7	-	55.5	3.0	49.4	47.4	39.9	31.0	22.2	-
	62	56.5	2.6	54.3	54.3	50.7	41.4	32.4	23.2	54.5	3.0	49.9	49.9	49.0	39.8	30.8	21.7
	57	54.6	2.6	54.6	54.6	54.6	50.6	41.1	31.7	53.6	3.0	53.6	53.6	53.6	48.8	39.4	30.0
1800	72	65.1	2.6	53.0	43.2	33.4	23.6	-	-	61.5	3.0	51.5	41.8	32.0	22.3	-	-
	67	60.3	2.6	57.9	52.2	44.3	34.1	23.9	-	57.0	3.0	52.0	50.7	42.6	32.5	22.4	-
	62	59.4	2.6	58.0	58.0	55.1	44.5	34.0	23.5	57.2	3.0	54.1	54.1	53.2	42.7	32.3	21.8
	57	58.5	2.6	58.5	58.5	58.5	55.0	44.1	33.2	57.3	3.0	55.9	55.9	55.9	53.0	42.1	31.3
2000	72	66.5	2.6	56.6	45.6	34.7	23.7	-	-	62.7	3.0	55.1	44.2	33.3	22.5	-	-
	67	63.0	2.6	57.0	55.6	47.1	35.6	24.2	-	61.3	3.0	56.0	54.1	45.4	34.0	22.7	-
	62	62.6	2.6	62.4	61.4	59.5	47.6	35.6	23.7	61.2	3.0	57.0	57.0	57.0	45.6	33.8	21.9
	57	62.5	2.6	62.5	62.5	62.5	59.5	47.1	34.7	61.1	3.0	58.0	58.0	58.0	57.2	44.9	32.6
		95°F								105°F							
1000	77	59.0	3.5	30.1	25.4	20.7	-	-	-	55.6	4.0	28.1	23.8	19.5	-	-	-
	72	53.8	3.5	36.0	30.7	25.5	20.3	-	-	50.4	4.0	34.6	29.4	24.2	19.0	-	-
	67	48.6	3.4	41.8	36.1	30.3	25.2	20.1	-	45.2	3.9	41.0	34.9	28.8	23.7	18.7	-
	62	45.2	3.4	45.2	41.1	35.1	30.1	25.1	20.2	43.1	4.0	43.1	38.9	33.5	28.5	23.5	18.5
1200	77	59.8	3.5	33.2	26.9	20.6	-	-	-	56.0	4.0	31.7	25.5	19.3	-	-	-
	72	54.8	3.5	39.5	33.1	26.8	20.5	-	-	51.3	4.0	38.0	31.7	25.4	19.1	-	-
	67	49.9	3.4	45.0	39.4	33.0	26.7	20.3	-	46.6	3.9	43.0	37.8	31.4	25.1	18.8	-
	62	47.7	3.4	45.2	44.2	39.2	32.8	26.5	20.2	45.3	4.0	43.6	41.9	37.5	31.2	24.9	18.5
	57	45.4	3.4	45.4	45.4	45.3	39.0	32.7	26.3	44.0	4.0	44.0	44.0	43.6	37.2	30.9	24.6
1400	77	60.5	3.5	36.3	28.4	20.5	-	-	-	56.4	4.0	35.4	27.2	19.1	-	-	-
	72	55.9	3.5	43.0	35.5	28.1	20.7	-	-	52.3	4.0	41.4	34.0	26.6	19.2	-	-
	67	51.2	3.4	48.2	42.7	35.7	28.1	20.5	-	48.1	3.9	46.2	40.7	34.0	26.5	19.0	-
	62	50.1	3.4	49.8	47.2	43.2	35.5	27.9	20.2	47.5	4.0	46.8	44.9	41.5	33.9	26.2	18.5
	57	49.0	3.4	49.0	49.0	49.0	43.0	35.2	27.3	46.9	4.0	46.9	46.9	46.9	41.2	33.4	25.6
1600	77	61.2	3.5	39.4	29.9	20.4	-	-	-	56.8	4.0	39.0	28.9	18.8	-	-	-
	72	56.9	3.5	46.5	37.9	29.4	20.8	-	-	53.2	4.0	44.7	36.3	27.8	19.3	-	-
	67	53.9	3.4	52.0	46.0	38.3	29.5	20.7	-	51.2	3.9	49.0	43.6	36.7	27.9	19.1	-
	62	53.0	3.4	52.4	50.3	47.3	38.3	29.2	20.2	51.0	4.0	49.4	47.9	45.6	36.5	27.5	18.5
	57	52.6	3.4	52.6	52.6	52.6	47.0	37.7	28.4	49.8	4.0	49.8	49.8	49.8	45.2	35.9	26.6
1800	72	62.0	3.5	50.0	40.3	30.7	21.0	-	-	56.9	4.0	48.1	38.5	28.9	19.3	-	-
	67	57.2	3.4	52.4	49.3	41.0	31.0	21.0	-	51.1	3.9	49.0	46.5	39.3	29.3	19.3	-
	62	55.2	3.5	52.8	52.8	51.4	41.0	30.6	20.2	51.0	4.0	49.5	49.5	49.5	39.2	28.9	18.5
	57	55.0	3.5	53.2	53.2	53.2	50.9	40.2	29.4	50.0	4.0	50.0	50.0	50.0	49.2	38.4	27.7
2000	72	62.2	3.5	53.5	42.7	32.0	21.2	-	-	60.0	4.0	51.5	40.8	30.1	19.4	-	-
	67	55.1	3.4	52.9	52.6	43.7	32.4	21.2	-	54.0	4.0	52.3	49.4	41.9	30.7	19.5	-
	62	54.3	3.5	53.2	53.2	53.2	43.7	31.9	20.2	53.4	4.0	53.0	53.0	53.0	41.9	30.2	18.5
	57	54.0	3.5	53.4	53.4	53.4	53.4	42.7	30.4	53.0	4.0	53.1	53.1	53.1	53.1	40.9	28.7

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 34: KY05 (4 ton, 105°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		115°F								125°F							
1000	77	52.1	4.6	26.1	22.2	18.3	-	-	-	48.7	5.1	24.1	20.6	17.1	-	-	-
	72	46.9	4.5	33.1	28.0	22.8	17.7	-	-	43.5	5.0	31.7	26.6	21.5	16.3	-	-
	67	41.8	4.4	40.1	33.7	27.3	22.3	17.2	-	38.3	4.9	38.3	32.6	25.9	20.8	15.7	-
	62	41.0	4.5	41.0	36.7	31.9	26.9	21.9	16.9	38.9	5.0	38.9	34.6	30.3	25.3	20.3	15.3
1200	77	52.2	4.6	30.3	24.1	17.9	-	-	-	48.8	5.1	28.8	22.7	16.6	-	-	-
	72	47.8	4.5	36.4	30.2	23.9	17.7	-	-	44.3	5.0	34.9	28.7	22.5	16.2	-	-
	67	43.4	4.4	39.5	36.2	29.9	23.6	17.3	-	40.2	4.9	40.2	34.6	28.3	22.1	15.8	-
	62	31.7	4.5	40.0	39.7	35.9	29.5	23.2	16.9	40.6	5.0	40.6	37.4	34.2	27.9	21.6	15.3
	57	42.5	4.5	42.5	42.5	41.8	35.5	29.1	22.8	41.0	5.1	40.3	40.2	40.1	33.7	27.4	21.0
1400	77	52.3	4.5	34.5	26.0	17.6	-	-	-	49.0	5.1	33.5	24.8	16.1	-	-	-
	72	48.7	4.5	39.7	32.4	25.0	17.7	-	-	45.1	5.0	38.1	30.8	23.5	16.2	-	-
	67	45.1	4.4	40.0	38.7	32.4	24.9	17.4	-	43.0	4.9	38.9	36.7	30.8	23.3	15.9	-
	62	44.9	4.5	42.3	42.3	39.8	32.2	24.5	16.9	42.8	5.0	41.0	40.3	38.1	30.5	22.9	15.3
	57	44.8	4.5	44.8	44.8	44.8	39.5	31.7	23.9	42.6	5.1	42.2	42.2	42.2	37.7	29.9	22.1
1600	77	52.4	4.5	38.6	27.9	17.3	-	-	-	49.1	5.0	38.2	27.0	15.7	-	-	-
	72	49.5	4.5	43.0	34.6	26.1	17.7	-	-	45.9	5.0	41.3	32.9	24.5	16.1	-	-
	67	46.7	4.5	46.7	41.2	35.0	26.3	17.5	-	45.6	5.0	41.6	38.8	33.3	24.6	15.9	-
	62	46.9	4.5	46.9	45.5	43.8	34.8	25.9	16.9	45.4	5.0	42.0	42.0	42.0	33.1	24.2	15.2
	57	47.0	4.5	47.0	47.0	47.0	43.4	34.2	24.9	44.3	5.1	44.2	44.2	44.2	41.7	32.4	23.2
1800	72	52.6	4.5	46.3	36.8	27.2	17.7	-	-	49.3	5.0	44.4	35.0	25.5	16.0	-	-
	67	49.3	4.5	48.0	43.7	37.5	27.6	17.6	-	45.9	5.0	45.9	40.8	35.8	25.9	16.0	-
	62	48.8	4.5	48.2	48.2	47.8	37.5	27.2	16.9	45.7	5.0	45.7	45.7	45.7	35.8	25.5	15.2
	57	49.3	4.5	48.4	48.4	48.4	47.4	36.7	26.0	45.9	5.0	45.9	45.9	45.9	45.6	35.0	24.3
2000	72	52.8	4.5	49.6	38.9	28.3	17.7	-	-	49.6	5.0	47.3	37.0	26.5	15.9	-	-
	67	52.4	4.5	49.6	46.1	40.0	28.9	17.8	-	47.5	5.0	47.5	42.9	38.2	27.1	16.0	-
	62	52.0	4.5	49.7	49.7	49.7	40.1	28.5	16.8	47.5	5.0	47.5	47.5	47.5	38.4	26.8	15.2
	57	51.6	4.5	49.8	49.8	49.8	49.8	39.2	27.1	47.5	5.0	47.5	47.5	47.5	47.5	37.5	25.4

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 35: KY06 (5 ton, 75°F to 105°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
1250	77	73.7	3.1	36.9	31.4	25.9	-	-	-	71.3	3.6	35.3	29.7	24.0	-	-	-
	72	67.5	3.1	45.3	38.9	32.4	26.0	-	-	64.9	3.6	43.9	37.3	30.7	24.2	-	-
	67	61.3	3.1	53.7	46.3	38.9	32.4	26.1	-	58.5	3.5	52.5	45.0	37.5	30.8	24.2	-
	62	57.7	3.1	57.7	52.0	45.4	37.5	32.6	26.3	55.9	3.6	55.9	50.5	44.3	36.8	30.8	24.1
1500	77	74.9	3.2	41.6	33.6	25.7	-	-	-	71.9	3.6	40.2	32.1	23.9	-	-	-
	72	69.4	3.1	49.6	41.8	34.0	26.1	-	-	66.5	3.6	48.2	40.3	32.4	24.5	-	-
	67	63.9	3.1	57.7	50.0	42.2	34.3	26.5	-	61.0	3.6	56.1	48.5	40.8	32.7	24.7	-
	62	61.0	3.1	58.0	56.0	50.5	41.4	34.7	26.8	58.9	3.6	56.8	54.4	49.3	40.5	32.9	24.7
	57	58.1	3.1	58.1	58.1	58.1	50.8	42.9	35.0	56.9	3.6	56.9	56.9	56.9	49.4	41.0	32.7
1750	77	76.2	3.2	46.3	35.9	25.5	-	-	-	72.6	3.6	45.2	34.5	23.8	-	-	-
	72	71.3	3.2	53.9	44.7	35.5	26.3	-	-	68.0	3.6	52.5	43.2	34.0	24.7	-	-
	67	66.4	3.1	61.6	53.6	45.6	36.2	26.9	-	63.5	3.6	59.8	52.0	44.1	34.7	25.2	-
	62	64.2	3.1	61.8	60.1	55.6	45.3	36.8	27.3	62.0	3.6	60.1	58.3	54.3	44.2	35.0	25.3
	57	62.0	3.1	62.0	62.0	62.0	56.1	46.6	37.0	60.5	3.6	60.5	60.5	60.5	54.6	44.7	34.8
2000	77	77.5	3.2	50.9	38.1	25.3	-	-	-	73.3	3.6	50.1	36.9	23.7	-	-	-
	72	73.2	3.2	58.3	47.7	37.1	26.5	-	-	69.6	3.6	56.8	46.2	35.6	25.0	-	-
	67	69.0	3.1	65.6	57.2	48.9	38.1	27.4	-	65.9	3.6	63.4	55.4	47.5	36.6	25.7	-
	62	67.5	3.1	65.8	64.2	60.7	49.2	38.8	27.9	65.0	3.6	64.0	62.2	59.3	47.9	37.0	25.9
	57	65.9	3.1	65.9	65.9	65.9	61.4	50.3	39.1	64.0	3.6	64.0	64.0	64.0	59.8	48.3	36.9
2250	72	75.2	3.2	62.6	50.6	38.7	26.7	-	-	71.2	3.6	61.0	49.1	37.2	25.3	-	-
	67	71.6	3.2	69.6	60.9	52.2	40.0	27.8	-	68.4	3.6	67.1	58.9	50.8	38.5	26.3	-
	62	70.7	3.2	69.7	68.3	65.8	53.1	40.9	28.4	68.0	3.6	67.4	66.1	64.3	51.6	39.1	26.5
	57	69.8	3.1	69.8	69.8	69.8	66.7	53.9	41.2	67.6	3.6	67.5	67.5	67.5	64.9	52.0	39.1
2500	72	77.1	3.2	66.9	53.6	40.2	26.9	-	-	72.7	3.6	65.3	52.1	38.8	25.6	-	-
	67	74.2	3.2	73.5	64.5	55.6	41.9	28.2	-	70.8	3.6	70.7	62.4	54.1	40.4	26.8	-
	62	74.0	3.2	73.8	72.3	70.9	56.9	42.9	28.9	71.0	3.6	70.6	70.0	69.3	55.3	41.2	27.1
	57	73.8	3.2	73.8	73.8	73.8	72.0	57.6	43.3	71.0	3.6	70.4	70.4	70.4	70.1	55.7	41.2
		95°F								105°F							
1250	77	68.8	4.0	33.8	27.9	22.1	-	-	-	64.4	4.7	32.7	27.0	21.2	-	-	-
	72	62.3	4.0	42.5	35.8	29.1	22.4	-	-	58.2	4.6	41.3	34.7	28.0	21.3	-	-
	67	55.8	4.0	51.2	43.7	36.1	29.2	22.3	-	52.1	4.6	50.0	42.4	34.8	27.9	21.1	-
	62	54.1	4.0	54.1	49.0	43.1	36.0	28.9	21.8	51.5	4.6	51.5	46.8	41.5	34.5	27.5	20.5
1500	77	68.9	4.0	38.9	30.5	22.1	-	-	-	64.5	4.7	37.8	29.4	21.0	-	-	-
	72	63.5	4.0	46.8	38.8	30.8	22.8	-	-	59.5	4.6	45.3	37.3	29.4	21.5	-	-
	67	58.1	4.0	54.6	47.0	39.4	31.2	22.9	-	54.4	4.6	52.8	45.3	37.9	29.7	21.5	-
	62	56.9	4.0	56.9	52.7	48.1	39.5	31.0	22.5	54.0	4.6	54.0	50.3	46.3	37.9	29.5	21.1
	57	55.7	4.0	55.7	55.7	55.7	47.9	39.2	30.4	53.5	4.6	53.5	53.5	53.5	46.1	37.4	28.8
1750	77	69.0	4.0	44.1	33.1	22.2	-	-	-	64.7	4.6	42.9	31.8	20.7	-	-	-
	72	64.7	4.0	51.0	41.7	32.4	23.1	-	-	60.7	4.6	49.2	40.0	30.8	21.6	-	-
	67	60.5	4.0	57.9	50.3	42.7	33.1	23.5	-	56.7	4.6	55.5	48.2	40.9	31.4	21.9	-
	62	59.7	4.0	59.7	56.4	53.0	43.1	33.2	23.2	56.4	4.6	56.0	53.8	51.1	41.3	31.5	21.7
	57	58.9	4.0	58.9	58.9	58.9	53.0	42.8	32.6	56.2	4.6	56.2	56.2	56.2	51.1	41.0	30.9
2000	77	69.1	4.0	49.2	35.7	22.2	-	-	-	64.9	4.6	48.1	34.2	20.4	-	-	-
	72	66.0	4.0	55.2	44.7	34.1	23.5	-	-	62.0	4.6	53.2	42.7	32.2	21.7	-	-
	67	62.8	4.0	61.3	53.6	46.0	35.1	24.1	-	59.0	4.6	58.3	51.2	44.0	33.2	22.4	-
	62	62.5	4.0	62.4	60.1	57.9	46.6	35.3	24.0	58.9	4.6	58.8	57.3	55.9	44.7	33.5	22.3
	57	62.1	4.0	62.1	62.1	62.1	58.1	46.4	34.7	58.8	4.6	58.8	58.8	58.8	56.1	44.6	33.0
2250	72	67.2	4.0	59.5	47.6	35.8	23.9	-	-	63.2	4.6	57.1	45.4	33.6	21.9	-	-
	67	65.2	4.0	64.6	57.0	49.3	37.0	24.7	-	61.3	4.6	61.0	54.1	47.1	35.0	22.8	-
	62	65.2	4.0	64.9	63.9	62.8	50.1	37.4	24.7	61.4	4.6	61.1	60.9	60.6	48.0	35.4	22.9
	57	65.3	4.0	65.1	65.1	65.1	63.2	50.1	36.9	61.5	4.6	61.2	61.2	61.2	61.1	48.1	35.1
2500	72	68.4	4.0	63.7	50.6	37.4	24.3	-	-	64.4	4.6	61.1	48.0	35.0	22.0	-	-
	67	68.2	4.0	68.0	60.3	52.6	39.0	25.3	-	63.7	4.6	63.0	57.0	50.2	36.7	23.2	-
	62	68.0	4.0	67.4	67.4	67.4	53.6	39.5	25.4	63.9	4.6	63.0	63.0	63.0	51.4	37.4	23.5
	57	68.0	4.0	66.8	66.8	66.8	66.8	53.7	39.1	64.1	4.6	63.0	63.0	63.0	63.0	51.7	37.2

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 36: KY06 (5 ton, 115°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		115°F								125°F							
1250	77	59.9	5.3	31.6	26.0	20.4	-	-	-	55.4	6.0	30.5	25.0	19.6	-	-	-
	72	54.1	5.2	40.2	33.6	26.9	20.3	-	-	50.0	5.8	39.0	32.4	25.8	19.2	-	-
	67	48.4	5.1	48.4	41.1	33.4	26.6	19.9	-	44.6	5.7	44.6	39.8	32.1	25.4	18.6	-
	62	48.8	5.1	48.8	44.5	39.9	33.0	26.0	19.1	46.1	5.7	46.1	42.3	38.4	31.5	24.6	17.7
1500	77	60.2	5.3	36.7	28.2	19.8	-	-	-	55.8	5.9	35.6	27.1	18.7	-	-	-
	72	55.4	5.2	43.8	35.9	28.1	20.2	-	-	51.3	5.8	42.4	34.5	26.7	18.9	-	-
	67	51.5	5.2	51.0	43.6	36.3	28.2	20.1	-	49.3	5.7	49.2	42.0	34.8	26.7	18.7	-
	62	51.4	5.2	51.2	47.9	44.6	36.2	27.9	19.6	49.2	5.7	48.1	45.5	42.8	34.6	26.3	18.1
	57	51.3	5.2	51.3	51.3	51.3	44.3	35.7	27.2	49.2	5.7	47.0	47.0	47.0	42.4	34.0	25.5
1750	77	60.4	5.3	41.8	30.5	19.2	-	-	-	56.1	5.9	40.7	29.2	17.7	-	-	-
	72	56.7	5.2	47.5	38.3	29.2	20.1	-	-	52.6	5.8	45.7	36.6	27.6	18.5	-	-
	67	53.6	5.2	53.1	46.2	39.2	29.8	20.4	-	51.0	5.8	49.0	44.1	37.4	28.1	18.8	-
	62	53.5	5.2	53.2	51.2	49.2	39.5	29.8	20.1	50.9	5.8	49.0	48.6	47.3	37.7	28.1	18.5
	57	53.4	5.2	53.3	53.3	53.3	49.2	39.2	29.2	50.7	5.8	49.1	49.1	49.1	47.3	37.4	27.5
2000	77	60.7	5.3	46.9	32.8	18.6	-	-	-	56.5	5.9	45.8	31.3	16.8	-	-	-
	72	58.0	5.2	51.1	40.7	30.3	19.9	-	-	54.0	5.8	49.0	38.7	28.4	18.2	-	-
	67	55.2	5.2	55.2	48.7	42.1	31.3	20.6	-	51.4	5.8	51.4	46.2	40.1	29.5	18.8	-
	62	55.4	5.2	55.3	54.5	53.8	42.7	31.6	20.6	51.8	5.8	51.7	51.7	51.7	40.8	29.8	18.9
	57	55.5	5.2	55.3	55.3	55.3	54.1	42.7	31.2	52.2	5.8	51.1	51.1	51.1	51.1	40.8	29.5
2250	72	59.2	5.2	54.7	43.1	31.5	19.8	-	-	55.3	5.8	52.4	40.8	29.3	17.8	-	-
	67	57.5	5.2	57.5	51.2	45.0	32.9	20.9	-	53.7	5.8	53.7	48.3	42.8	30.8	18.9	-
	62	57.6	5.2	57.3	57.3	57.3	46.0	33.5	21.0	53.7	5.8	53.5	53.5	53.5	43.9	31.6	19.2
	57	57.6	5.2	57.2	57.2	57.2	57.2	46.2	33.3	53.8	5.8	53.2	53.2	53.2	53.2	44.2	31.5
2500	72	60.5	5.2	58.4	45.5	32.6	19.7	-	-	56.6	5.8	55.7	42.9	30.2	17.4	-	-
	67	59.8	5.2	59.6	53.7	47.8	34.5	21.1	-	56.0	5.8	55.5	50.5	45.4	32.2	19.0	-
	62	59.8	5.2	59.4	59.4	59.4	49.2	35.4	21.5	55.6	5.8	55.4	55.4	55.4	47.0	33.3	19.6
	57	59.7	5.2	59.1	59.1	59.1	59.1	49.7	35.3	55.3	5.9	55.3	55.3	55.3	55.3	47.6	33.5

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

KYA7 to 12 cooling capacities

Table 37: KYA7 (6 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
1500	77	94.7	4.2	47.2	39.9	32.6	-	-	-	90.5	4.6	45.2	38.1	30.9	-	-	-
	72	86.4	4.1	56.5	48.4	40.4	32.3	-	-	82.0	4.5	54.8	46.8	38.7	30.6	-	-
	67	78.1	4.0	65.7	56.9	48.1	40.0	32.2	-	73.4	4.4	64.4	55.4	46.5	38.4	30.4	-
	62	71.1	3.9	71.1	64.7	55.9	46.6	40.1	32.3	67.7	4.4	67.7	62.8	54.3	45.6	38.3	30.3
1800	77	96.1	4.2	52.3	42.6	32.8	-	-	-	91.2	4.6	50.9	41.1	31.2	-	-	-
	72	88.1	4.1	61.6	52.0	42.5	32.9	-	-	83.4	4.5	59.9	50.3	40.8	31.2	-	-
	67	80.1	4.0	69.0	61.5	52.1	42.4	32.9	-	75.7	4.5	66.0	59.6	50.3	40.7	31.1	-
	62	74.8	4.0	69.2	69.2	61.8	51.0	42.4	32.7	71.2	4.4	66.4	66.4	59.9	49.7	40.5	30.8
	57	69.4	3.9	69.4	69.4	69.4	61.7	51.9	42.2	66.8	4.4	66.8	66.8	66.8	59.7	50.0	40.2
2100	77	97.4	4.2	57.5	45.3	33.0	-	-	-	91.8	4.6	56.6	44.0	31.5	-	-	-
	72	89.8	4.1	66.7	55.6	44.6	33.5	-	-	84.9	4.6	65.0	53.9	42.9	31.8	-	-
	67	82.2	4.1	74.1	66.0	56.1	44.8	33.6	-	78.0	4.5	71.1	63.8	54.2	43.0	31.8	-
	62	78.4	4.0	74.5	73.9	67.7	55.4	44.7	33.2	74.8	4.5	71.3	71.3	65.6	53.8	42.8	31.4
	57	74.7	4.0	74.7	74.7	74.7	67.5	55.8	44.1	71.6	4.5	71.6	71.6	71.6	65.4	53.8	42.3
2400	77	98.7	4.2	62.6	47.9	33.2	-	-	-	92.5	4.6	62.3	47.0	31.8	-	-	-
	72	91.5	4.1	71.8	59.3	46.7	34.1	-	-	86.4	4.6	70.0	57.5	44.9	32.4	-	-
	67	84.2	4.1	79.7	70.6	60.2	47.2	34.3	-	80.3	4.5	75.8	68.0	58.1	45.2	32.5	-
	62	82.1	4.1	79.8	78.5	73.6	59.8	47.0	33.7	78.3	4.5	76.1	75.8	71.2	57.9	45.1	32.0
	57	79.9	4.0	79.9	79.9	79.9	73.4	59.7	46.1	76.3	4.5	76.3	76.3	76.3	71.0	57.7	44.4
2700	72	93.2	4.2	76.9	62.9	48.8	34.7	-	-	87.8	4.6	75.1	61.1	47.0	33.0	-	-
	67	86.3	4.1	84.1	75.1	64.2	49.6	35.0	-	82.5	4.6	80.5	72.1	62.0	47.5	33.2	-
	62	85.7	4.1	84.4	83.1	79.5	64.2	49.3	34.2	81.8	4.6	81.0	80.2	76.9	62.0	47.4	32.6
	57	85.2	4.1	84.5	84.5	84.5	79.3	63.6	48.0	81.1	4.6	81.1	81.1	81.1	76.7	61.6	46.5
3000	72	94.9	4.2	82.1	66.5	50.9	35.3	-	-	89.3	4.6	80.2	64.7	49.1	33.6	-	-
	67	90.4	4.1	90.4	79.7	68.2	51.9	35.7	-	86.0	4.6	85.0	76.3	65.8	49.8	33.8	-
	62	89.4	4.1	89.4	87.8	85.4	68.5	51.6	34.7	85.4	4.6	85.4	84.6	82.5	66.1	49.7	33.2
	57	88.3	4.2	88.3	88.3	88.3	85.1	67.5	50.0	85.9	4.6	85.9	85.9	85.9	82.4	65.5	48.6

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 38: KYA7 (6 ton, 95°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil																	
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		95°F								105°F							
1500	77	86.3	5.0	43.3	36.3	29.2	-	-	-	80.3	5.6	42.1	35.0	27.9	-	-	-
	72	77.5	4.9	53.2	45.1	37.0	28.9	-	-	72.1	5.6	59.8	43.1	35.0	26.9	-	-
	67	68.8	4.8	63.0	53.9	44.8	36.7	28.6	-	64.0	5.5	60.8	51.3	42.2	34.2	26.2	-
	62	64.3	4.8	64.3	60.8	52.6	44.5	36.4	28.2	60.9	5.5	60.9	56.9	49.3	41.4	33.5	25.6
1800	77	86.3	5.0	49.5	39.5	29.6	-	-	-	80.1	5.7	48.0	37.9	27.7	-	-	-
	72	78.8	4.9	58.2	48.6	39.1	29.5	-	-	73.3	5.6	55.9	46.4	36.8	27.2	-	-
	67	71.3	4.9	63.5	57.7	48.6	38.9	29.3	-	66.5	5.6	61.0	54.9	45.9	36.3	26.7	-
	62	67.7	4.9	64.0	64.0	58.0	48.3	38.6	28.9	64.0	5.6	61.2	61.1	55.0	45.4	35.8	26.2
	57	64.1	4.9	64.1	64.1	64.1	57.8	48.0	38.2	61.5	5.6	61.5	61.5	61.5	54.5	44.9	35.3
2100	77	86.2	5.0	55.7	42.8	30.0	-	-	-	80.0	5.7	54.0	40.8	27.5	-	-	-
	72	80.0	5.0	63.2	52.2	41.1	30.1	-	-	74.5	5.6	60.6	49.6	38.6	27.5	-	-
	67	73.8	4.9	68.0	61.5	52.3	41.1	30.0	-	69.1	5.6	64.9	58.4	49.6	38.5	27.3	-
	62	71.1	4.9	68.3	68.3	63.4	52.2	40.9	29.6	67.2	5.6	65.0	65.0	60.7	49.4	38.1	26.8
	57	68.5	4.9	68.5	68.5	68.5	63.2	51.8	40.5	65.3	5.6	65.3	65.3	65.3	60.3	48.9	37.4
2400	77	86.2	5.1	61.9	46.1	30.4	-	-	-	79.9	5.7	60.0	43.7	27.3	-	-	-
	72	81.2	5.0	68.3	55.7	43.2	30.7	-	-	75.7	5.7	65.3	52.8	40.3	27.8	-	-
	67	76.3	5.0	72.1	65.4	56.0	43.3	30.6	-	71.6	5.6	68.4	62.0	53.4	40.6	27.8	-
	62	74.5	5.0	72.6	72.6	68.8	56.0	43.2	30.3	70.3	5.6	68.8	68.8	66.4	53.4	40.4	27.3
	57	72.8	5.0	72.8	72.8	72.8	68.7	55.7	42.7	69.0	5.6	69.0	69.0	69.0	66.1	52.9	39.6
2700	72	82.5	5.1	73.3	59.3	45.3	31.2	-	-	76.9	5.7	70.0	56.1	42.1	28.2	-	-
	67	78.8	5.0	76.6	69.2	59.8	45.5	31.3	-	74.1	5.7	72.0	65.6	57.1	42.7	28.4	-
	62	77.9	5.0	76.9	76.9	74.2	59.8	45.4	31.0	73.5	5.7	72.5	72.5	72.1	57.3	42.6	27.9
	57	77.1	5.0	77.1	77.1	77.1	74.1	59.5	44.9	72.8	5.7	72.8	72.8	72.8	71.9	56.8	41.8
3000	72	83.7	5.1	78.3	62.8	47.3	31.8	-	-	78.1	5.8	74.7	59.3	43.9	28.5	-	-
	67	81.3	5.1	81.3	73.0	63.5	47.7	32.0	-	76.6	5.7	76.6	69.1	60.8	44.9	29.0	-
	62	81.3	5.1	81.3	81.3	79.6	63.7	47.7	31.7	76.6	5.7	76.6	76.6	76.6	61.3	44.9	28.5
	57	81.0	5.1	81.4	81.4	81.4	79.6	63.4	47.1	76.6	5.7	76.6	76.6	76.6	76.6	60.8	43.9
		115°F								125°F							
1500	77	74.2	6.3	40.8	33.7	26.6	-	-	-	68.2	6.9	39.5	32.4	25.3	-	-	-
	72	66.8	6.2	49.3	41.2	33.0	24.9	-	-	61.4	6.9	47.3	39.2	31.1	22.9	-	-
	67	59.3	6.2	57.3	48.6	39.5	31.6	23.7	-	54.5	6.9	53.9	46.0	36.8	29.1	21.3	-
	62	57.4	6.2	57.4	52.9	45.9	38.3	30.7	23.0	54.0	6.9	54.0	48.9	42.6	35.2	27.8	20.4
1800	77	74.0	6.3	46.6	36.2	25.8	-	-	-	67.9	7.0	45.1	34.5	23.9	-	-	-
	72	67.9	6.3	53.6	44.1	34.5	25.0	-	-	62.5	7.0	51.4	41.8	32.2	22.7	-	-
	67	61.8	6.3	58.1	52.0	43.2	33.7	24.2	-	57.1	6.9	54.9	49.1	40.6	31.1	21.6	-
	62	60.3	6.2	58.6	57.2	51.9	42.4	33.0	23.5	56.6	6.9	55.9	53.3	48.9	39.5	30.1	20.8
	57	58.8	6.2	58.8	58.8	58.8	51.2	41.7	32.3	56.1	6.9	56.1	56.1	56.1	47.9	38.6	29.3
2100	77	73.8	6.3	52.4	38.7	25.1	-	-	-	67.6	7.0	50.7	36.7	22.6	-	-	-
	72	69.1	6.3	58.0	47.0	36.0	25.0	-	-	63.6	7.0	55.4	44.4	33.4	22.5	-	-
	67	64.3	6.3	60.9	55.3	47.0	35.8	24.6	-	59.6	7.0	57.6	52.2	44.3	33.1	21.9	-
	62	63.2	6.3	61.9	61.5	57.9	46.6	35.3	23.9	59.2	7.0	58.6	57.7	55.1	43.8	32.4	21.1
	57	62.1	6.3	62.1	62.1	62.1	57.4	45.9	34.4	58.9	7.0	58.9	58.9	58.9	54.4	42.9	31.4
2400	77	73.6	6.4	58.2	41.2	24.3	-	-	-	67.3	7.0	56.3	38.8	21.2	-	-	-
	72	70.2	6.3	62.4	49.9	37.5	25.0	-	-	64.7	7.0	59.5	47.0	34.6	22.2	-	-
	67	66.9	6.3	64.0	58.6	50.7	37.9	25.1	-	62.1	7.0	61.0	55.3	48.0	35.1	22.3	-
	62	66.1	6.3	65.0	65.0	63.9	50.7	37.5	24.4	61.9	7.0	61.3	61.3	61.3	48.1	34.7	21.4
	57	65.3	6.3	65.3	65.3	65.3	63.6	50.0	36.5	61.6	7.0	61.6	61.6	61.6	61.0	47.2	33.4
2700	72	71.4	6.4	66.8	52.9	39.0	25.1	-	-	65.8	7.0	63.5	49.7	35.8	22.0	-	-
	67	69.4	6.4	67.9	62.0	54.4	40.0	25.5	-	64.7	7.0	63.9	58.4	51.7	37.2	22.6	-
	62	69.0	6.3	68.1	68.1	68.1	54.8	39.8	24.8	64.5	7.0	64.1	64.1	64.1	52.4	37.0	21.7
	57	68.6	6.3	68.6	68.6	68.6	68.6	54.2	38.6	64.3	7.0	64.3	64.3	64.3	64.3	51.5	35.4
3000	72	72.5	6.4	71.2	55.8	40.5	25.1	-	-	67.0	7.1	67.0	52.3	37.0	21.7	-	-
	67	71.9	6.4	71.9	65.3	58.1	42.0	25.9	-	67.2	7.1	67.2	61.5	55.5	39.2	22.9	-
	62	71.9	6.4	71.9	71.9	71.9	59.0	42.1	25.3	67.1	7.0	67.1	67.1	67.1	56.6	39.3	22.0
	57	71.8	6.4	71.8	71.8	71.8	71.8	58.3	40.7	67.0	7.0	67.0	67.0	67.0	67.0	55.8	37.5

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 39: KY08 (7.5 ton, 75°F to 105°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
1875	77	119.8	4.6	56.8	48.6	40.3	-	-	-	114.7	5.3	56.2	47.4	38.6	-	-	-
	72	108.7	4.7	70.0	60.1	50.2	40.3	-	-	102.9	5.4	68.4	58.2	48.1	37.9	-	-
	67	97.5	4.7	83.2	71.7	60.1	49.8	39.6	-	91.2	5.5	80.6	69.0	57.5	47.3	37.2	-
	62	85.2	4.9	85.2	80.3	70.0	57.2	48.9	38.4	81.3	5.6	81.3	77.7	67.0	55.7	46.6	36.4
2250	77	120.6	4.7	64.7	52.8	40.9	-	-	-	114.8	5.4	63.1	50.7	38.4	-	-	-
	72	110.9	4.7	77.2	65.1	53.1	41.1	-	-	104.9	5.4	74.8	62.7	50.6	38.4	-	-
	67	101.1	4.7	81.0	77.4	65.3	52.9	40.7	-	95.0	5.5	79.2	74.6	62.7	50.4	38.1	-
	62	91.1	4.9	81.1	81.1	77.5	63.2	52.4	39.9	87.2	5.6	79.3	79.3	74.9	61.5	49.9	37.4
	57	81.2	5.0	81.2	81.2	81.2	76.9	64.1	51.3	79.4	5.6	79.4	79.4	79.4	74.4	61.7	49.1
2625	77	121.4	4.7	72.7	57.1	41.5	-	-	-	115.0	5.5	70.0	54.1	38.1	-	-	-
	72	113.1	4.7	84.3	70.1	56.0	41.9	-	-	106.9	5.5	81.2	67.1	53.0	38.9	-	-
	67	104.7	4.7	89.2	83.2	70.5	56.1	41.8	-	98.8	5.5	87.0	80.2	67.9	53.5	39.0	-
	62	97.1	4.8	89.3	89.3	85.0	69.1	55.9	41.4	93.1	5.5	87.1	87.1	82.8	67.3	53.2	38.5
	57	89.4	5.0	89.4	89.4	89.4	84.8	70.1	55.3	87.3	5.6	87.3	87.3	87.3	82.6	67.4	52.3
3000	77	122.2	4.8	80.6	61.3	42.1	-	-	-	115.1	5.6	76.9	57.4	37.9	-	-	-
	72	115.3	4.7	91.4	75.2	58.9	42.6	-	-	108.9	5.5	87.6	71.6	55.5	39.4	-	-
	67	108.3	4.7	97.3	89.0	75.7	59.3	42.9	-	102.7	5.5	95.0	85.7	73.1	56.5	40.0	-
	62	103.0	4.8	97.5	97.5	92.5	75.1	59.5	42.9	98.9	5.5	95.1	95.1	90.7	73.2	56.5	39.5
	57	97.6	4.9	97.6	97.6	97.6	92.7	76.0	59.3	95.2	5.6	95.2	95.2	95.2	90.7	73.1	55.5
3375	72	117.5	4.8	98.6	80.2	61.8	43.4	-	-	110.9	5.5	94.0	76.0	58.0	40.0	-	-
	67	112.0	4.7	105.5	94.8	80.9	62.4	44.0	-	106.5	5.4	102.9	91.3	78.3	59.6	40.9	-
	62	108.9	4.8	105.6	105.1	100.1	81.1	63.0	44.4	104.8	5.5	103.0	102.3	98.6	79.0	59.8	40.5
	57	105.8	4.9	105.8	105.8	105.8	100.6	81.9	63.3	103.1	5.6	103.1	103.1	103.1	98.8	78.8	58.7
3750	72	119.7	4.8	105.7	85.2	64.7	44.2	-	-	112.9	5.6	100.4	80.5	60.5	40.5	-	-
	67	115.6	4.7	113.8	100.6	86.1	65.6	45.1	-	110.3	5.4	110.0	96.9	83.5	62.6	41.8	-
	62	114.8	4.8	113.9	111.3	107.6	87.0	66.5	45.9	110.2	5.5	110.0	108.4	106.5	84.8	63.1	41.5
	57	114.0	4.9	114.0	114.0	114.0	108.4	87.9	67.3	110.0	5.5	110.0	110.0	110.0	107.0	84.5	62.0
		95°F								105°F							
1875	77	109.5	5.9	55.6	46.3	36.9	-	-	-	100.0	7.0	52.7	43.8	34.8	-	-	-
	72	97.2	6.1	66.7	56.4	46.0	35.6	-	-	89.2	7.1	63.7	53.4	43.1	32.8	-	-
	67	84.9	6.3	77.9	66.4	55.0	44.9	34.8	-	78.5	7.3	73.3	63.0	51.4	41.5	31.5	-
	62	77.4	6.3	77.4	75.2	64.0	54.2	44.3	34.5	73.6	7.3	73.6	69.8	59.7	50.1	40.6	31.0
2250	77	109.0	6.1	61.5	48.7	35.9	-	-	-	100.1	7.1	59.2	46.5	33.7	-	-	-
	72	99.0	6.2	72.4	60.2	48.0	35.8	-	-	91.3	7.2	69.4	57.3	45.1	33.0	-	-
	67	88.9	6.2	77.3	71.8	60.2	47.8	35.5	-	82.6	7.3	75.0	68.0	56.6	44.4	32.3	-
	62	83.2	6.3	77.5	77.5	72.3	59.9	47.4	35.0	78.9	7.2	75.1	75.1	68.0	55.8	43.7	31.5
	57	77.6	6.3	77.6	77.6	77.6	71.9	59.4	46.8	75.2	7.2	75.2	75.2	75.2	67.2	55.0	42.8
2625	77	108.5	6.2	67.4	51.1	34.8	-	-	-	100.1	7.2	65.8	49.2	32.6	-	-	-
	72	100.7	6.2	78.1	64.1	50.1	36.0	-	-	93.4	7.2	75.1	61.1	47.2	33.2	-	-
	67	92.9	6.2	88.9	77.1	65.3	50.8	36.3	-	86.7	7.2	81.2	73.0	61.7	47.4	33.0	-
	62	89.0	6.2	89.0	87.3	80.6	65.6	50.5	35.5	84.1	7.2	81.3	81.3	76.3	61.5	46.7	31.9
	57	85.2	6.3	85.2	85.2	85.2	80.3	64.8	49.3	81.5	7.2	81.5	81.5	81.5	75.7	60.5	45.2
3000	77	108.0	6.4	73.2	53.5	33.7	-	-	-	100.2	7.3	72.3	51.9	31.5	-	-	-
	72	102.5	6.3	83.8	68.0	52.1	36.3	-	-	95.5	7.2	80.7	65.0	49.2	33.5	-	-
	67	97.0	6.2	92.5	82.5	70.5	53.8	37.0	-	90.7	7.2	87.5	78.0	66.9	50.3	33.8	-
	62	94.8	6.2	92.6	92.6	88.9	71.2	53.6	36.0	89.3	7.2	87.8	87.8	84.6	67.2	49.8	32.4
	57	92.7	6.3	92.7	92.7	92.7	88.7	70.2	51.7	87.9	7.2	87.9	87.9	87.9	84.1	65.9	47.7
3375	72	104.3	6.3	89.5	71.8	54.2	36.5	-	-	97.6	7.3	86.4	68.8	51.2	33.7	-	-
	67	101.0	6.2	99.9	87.8	75.6	56.7	37.8	-	94.8	7.2	94.0	83.1	72.1	53.3	34.5	-
	62	100.6	6.2	100.0	99.4	97.1	76.9	56.7	36.5	94.6	7.2	94.1	94.0	93.0	72.9	52.9	32.9
	57	100.3	6.2	100.3	100.3	100.3	97.1	75.7	54.2	94.3	7.3	94.3	94.3	94.3	92.6	71.3	50.1
3750	72	106.0	6.4	95.2	75.7	56.2	36.7	-	-	99.7	7.3	92.1	72.7	53.3	33.9	-	-
	67	105.0	6.1	103.8	93.1	80.8	59.7	38.5	-	98.9	7.2	97.8	88.1	77.3	56.3	35.2	-
	62	104.3	6.2	103.9	103.9	103.9	82.6	59.8	37.0	98.3	7.2	98.0	98.0	98.0	78.6	56.0	33.4
	57	104.0	6.2	104.0	104.0	104.0	104.0	81.1	56.6	98.0	7.3	98.0	98.0	98.0	98.0	76.8	52.5

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 40: KY08 (7.5 ton, 115°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		115°F								125°F							
1875	77	90.4	8.0	49.8	41.2	32.7	-	-	-	80.9	9.1	46.9	38.7	30.6	-	-	-
	72	81.2	8.2	60.6	50.4	40.2	30.0	-	-	73.3	9.2	57.6	47.5	37.4	27.3	-	-
	67	72.1	8.3	69.7	59.6	47.8	38.1	28.3	-	65.7	9.4	65.7	56.3	44.2	34.6	25.1	-
	62	69.8	8.2	69.8	64.4	55.3	46.1	36.8	27.5	66.0	9.2	66.0	59.0	51.0	42.0	33.0	24.0
2250	77	91.1	8.1	57.0	44.3	31.5	-	-	-	82.1	9.1	54.7	42.1	29.4	-	-	-
	72	83.7	8.2	66.3	54.3	42.3	30.2	-	-	76.0	9.2	63.2	51.3	39.4	27.5	-	-
	67	76.2	8.3	72.6	64.3	53.0	41.0	29.0	-	69.9	9.3	69.4	60.6	49.4	37.6	25.8	-
	62	74.5	8.2	72.7	70.4	63.7	51.8	39.9	27.9	70.1	9.2	69.5	65.0	59.4	47.7	36.1	24.4
	57	72.8	8.2	72.8	72.8	72.8	62.6	50.7	38.8	70.3	9.1	69.6	69.5	69.4	57.9	46.3	34.8
2625	77	91.8	8.1	64.2	47.3	30.4	-	-	-	83.4	9.1	62.6	45.4	28.2	-	-	-
	72	86.1	8.2	72.0	58.1	44.3	30.4	-	-	78.8	9.2	68.9	55.1	41.4	27.7	-	-
	67	80.4	8.3	77.7	69.0	58.2	44.0	29.8	-	74.1	9.3	73.4	64.9	54.6	40.6	26.5	-
	62	79.1	8.2	77.8	76.5	72.1	57.5	42.9	28.4	74.2	9.2	73.5	71.1	67.8	53.5	39.2	24.8
	57	77.9	8.2	77.9	77.9	77.9	71.0	56.1	41.2	74.3	9.2	73.6	73.6	73.6	66.4	51.8	37.2
3000	77	92.5	8.2	71.4	50.3	29.2	-	-	-	84.7	9.1	70.4	48.7	27.0	-	-	-
	72	88.5	8.2	77.6	62.0	46.3	30.6	-	-	81.5	9.2	74.5	59.0	43.4	27.8	-	-
	67	84.5	8.2	83.0	73.6	63.4	46.9	30.5	-	78.3	9.3	77.3	69.2	59.8	43.5	27.2	-
	62	83.8	8.2	83.1	82.6	80.4	63.2	46.0	28.8	78.3	9.3	77.4	77.2	76.2	59.2	42.2	25.2
	57	83.1	8.2	83.1	83.1	83.1	79.5	61.6	43.6	78.3	9.2	77.5	77.5	77.5	74.9	57.2	39.5
3375	72	90.9	8.2	83.3	65.8	48.3	30.8	-	-	84.2	9.2	80.2	62.8	45.4	28.0	-	-
	67	88.7	8.2	88.1	78.3	68.6	49.9	31.2	-	82.5	9.3	81.3	73.6	65.0	46.5	28.0	-
	62	88.5	8.3	88.2	88.2	88.2	69.0	49.1	29.3	82.4	9.3	81.4	81.4	81.4	65.0	45.3	25.7
	57	88.3	8.3	88.3	88.3	88.3	88.0	67.0	46.0	82.3	9.3	81.5	81.5	81.5	81.5	62.7	41.9
3750	72	93.3	8.2	89.0	69.7	50.3	31.0	-	-	87.0	9.2	85.8	66.6	47.4	28.2	-	-
	67	92.8	8.2	92.2	83.0	73.7	52.9	32.0	-	86.7	9.2	85.5	77.9	70.2	49.5	28.7	-
	62	92.6	8.3	92.2	92.2	92.2	74.7	52.2	29.7	86.5	9.3	85.5	85.5	85.5	70.7	48.4	26.1
	57	92.5	8.3	92.2	92.2	92.2	92.2	72.4	48.4	86.2	9.4	85.5	85.5	85.5	85.5	68.1	44.2

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 41: KY09 (8.5 ton, 75°F to 105°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
2125	77	131.2	5.5	67.0	55.6	44.3	-	-	-	126.1	6.3	64.5	53.4	42.3	-	-	-
	72	119.0	5.5	78.7	67.2	55.8	44.4	-	-	114.0	6.3	76.5	65.0	53.5	42.1	-	-
	67	106.7	5.5	90.4	78.8	67.3	55.2	44.5	-	101.8	6.3	88.4	76.6	64.8	53.1	42.1	-
	62	96.1	5.5	96.1	89.8	78.8	64.8	56.1	44.8	92.4	6.2	92.4	87.5	76.1	63.6	53.6	42.3
2550	77	132.7	5.5	74.0	59.4	44.8	-	-	-	127.2	6.3	71.6	57.1	42.5	-	-	-
	72	121.7	5.5	85.8	72.4	58.9	45.4	-	-	116.5	6.3	83.5	70.0	56.5	43.0	-	-
	67	110.7	5.5	91.0	85.3	73.0	58.8	45.8	-	105.7	6.3	90.2	82.8	70.4	56.5	43.2	-
	62	102.2	5.5	92.0	92.0	87.1	71.3	59.7	46.0	98.3	6.3	90.3	90.3	84.3	69.6	57.0	43.4
	57	93.6	5.5	93.6	93.6	93.6	87.3	73.5	59.7	90.8	6.2	90.8	90.8	90.8	84.5	70.8	57.1
2975	77	134.2	5.6	81.0	63.1	45.3	-	-	-	128.4	6.3	78.7	60.8	42.8	-	-	-
	72	124.5	5.5	93.0	77.5	62.0	46.5	-	-	119.0	6.3	90.5	74.9	59.4	43.8	-	-
	67	114.8	5.5	101.0	91.8	78.7	62.4	47.1	-	109.6	6.3	98.3	89.0	75.9	59.9	44.4	-
	62	108.2	5.5	101.3	101.3	95.4	77.7	63.2	47.1	104.2	6.3	98.5	98.5	92.5	75.7	60.4	44.4
	57	101.6	5.5	101.6	101.6	101.6	95.7	79.3	63.0	98.7	6.3	98.7	98.7	98.7	92.8	76.5	60.2
3400	77	135.7	5.6	88.0	66.9	45.7	-	-	-	129.5	6.4	85.8	64.5	43.1	-	-	-
	72	127.3	5.6	100.1	82.6	65.1	47.5	-	-	121.5	6.3	97.4	79.9	62.3	44.7	-	-
	67	118.8	5.5	109.0	98.3	84.4	66.0	48.4	-	113.5	6.3	106.3	95.3	81.5	63.3	45.5	-
	62	114.3	5.5	109.4	109.4	103.7	84.2	66.8	48.3	110.1	6.3	106.5	106.5	100.6	81.7	63.8	45.4
	57	109.7	5.5	109.7	109.7	109.7	104.1	85.2	66.3	106.6	6.3	106.6	106.6	106.6	101.0	82.2	63.4
3825	72	130.0	5.6	107.3	87.7	68.1	48.5	-	-	124.0	6.4	104.4	84.8	65.2	45.6	-	-
	67	122.9	5.5	117.3	104.8	90.0	69.7	49.6	-	117.4	6.3	114.1	101.5	87.0	66.7	46.6	-
	62	120.3	5.5	117.6	117.0	111.9	90.6	70.3	49.5	116.0	6.3	114.3	113.3	108.8	87.8	67.2	46.5
	57	117.8	5.5	117.8	117.8	117.8	112.4	91.0	69.5	114.5	6.3	114.5	114.5	114.5	109.3	87.9	66.6
4250	72	132.8	5.6	114.5	92.8	71.2	49.6	-	-	126.5	6.4	111.4	89.8	68.1	46.4	-	-
	67	126.9	5.6	125.0	111.3	95.7	73.3	50.9	-	121.3	6.4	121.3	107.7	92.5	70.1	47.7	-
	62	126.4	5.5	125.4	123.7	120.2	97.0	73.9	50.7	121.8	6.4	121.8	119.7	117.0	93.8	70.7	47.5
	57	125.8	5.5	125.8	125.8	125.8	120.8	96.8	72.8	122.4	6.4	122.0	122.0	122.0	117.5	93.6	69.7
		95°F								105°F							
2125	77	121.0	7.0	62.1	51.2	40.2	-	-	-	114.1	8.1	59.9	49.0	38.1	-	-	-
	72	109.0	7.0	74.2	62.8	51.3	39.8	-	-	102.0	8.2	71.7	60.2	48.7	37.2	-	-
	67	96.9	7.0	86.3	74.4	62.4	51.0	39.7	-	89.9	8.2	83.5	71.4	59.3	48.0	36.7	-
	62	88.7	7.0	88.7	85.1	73.4	62.3	51.1	39.9	85.2	8.2	85.2	80.5	69.9	58.8	47.6	36.5
2550	77	121.8	7.1	69.3	54.8	40.3	-	-	-	114.3	8.2	67.1	52.4	37.6	-	-	-
	72	111.2	7.1	81.1	67.5	54.0	40.5	-	-	104.1	8.2	78.2	64.7	51.1	37.6	-	-
	67	100.7	7.1	92.8	80.3	67.8	54.2	40.7	-	93.8	8.2	86.5	76.9	64.7	51.1	37.5	-
	62	94.4	7.1	94.4	91.2	81.5	67.9	54.4	40.8	90.3	8.2	86.7	86.7	78.2	64.5	50.9	37.2
	57	88.1	7.0	88.1	88.1	88.1	81.7	68.1	54.5	86.8	8.2	86.8	86.8	86.8	78.0	64.3	50.6
2975	77	122.5	7.1	76.5	58.4	40.4	-	-	-	114.4	8.3	74.4	55.8	37.2	-	-	-
	72	113.5	7.1	87.9	72.3	56.8	41.2	-	-	106.1	8.3	84.6	69.1	53.6	38.0	-	-
	67	104.4	7.1	95.3	86.3	73.2	57.4	41.6	-	97.8	8.3	93.0	82.5	70.0	54.2	38.3	-
	62	100.1	7.1	95.7	95.7	89.6	73.6	57.6	41.7	95.4	8.2	93.0	92.8	86.4	70.3	54.1	38.0
	57	95.8	7.1	95.8	95.8	95.8	89.8	73.7	57.5	93.1	8.2	93.1	93.1	93.1	86.4	70.0	53.5
3400	77	123.2	7.2	83.7	62.1	40.4	-	-	-	114.6	8.3	81.6	59.2	36.7	-	-	-
	72	115.7	7.1	94.8	77.1	59.5	41.9	-	-	108.2	8.3	91.1	73.6	56.0	38.5	-	-
	67	108.2	7.1	103.2	92.2	78.6	60.6	42.6	-	101.7	8.3	99.0	88.0	75.4	57.3	39.2	-
	62	105.9	7.1	103.4	103.4	97.6	79.3	60.9	42.6	100.6	8.3	99.2	98.9	94.7	76.0	57.4	38.8
	57	103.5	7.1	103.5	103.5	103.5	98.0	79.3	60.5	99.4	8.3	99.4	99.4	99.4	94.8	75.6	56.5
3825	72	118.0	7.2	101.6	81.9	62.2	42.6	-	-	110.2	8.4	97.6	78.0	58.5	38.9	-	-
	67	112.0	7.2	111.0	98.1	84.0	63.7	43.5	-	105.7	8.3	105.7	93.5	80.7	60.3	40.0	-
	62	111.6	7.1	111.1	109.5	105.7	84.9	64.2	43.4	105.7	8.3	105.7	105.0	102.9	81.8	60.7	39.5
	57	111.2	7.1	111.2	111.2	111.2	106.1	84.8	63.6	105.7	8.3	105.7	105.7	105.7	103.3	81.3	59.4
4250	72	120.2	7.2	108.4	86.7	65.0	43.3	-	-	112.2	8.4	104.1	82.5	60.9	39.3	-	-
	67	115.7	7.2	115.7	104.1	89.4	66.9	44.5	-	109.6	8.3	109.6	99.0	86.0	63.4	40.8	-
	62	117.3	7.2	117.3	115.7	113.7	90.6	67.5	44.3	110.8	8.3	110.8	110.8	110.8	87.5	63.9	40.3
	57	118.9	7.2	116.3	116.3	116.3	114.3	90.4	66.6	112.0	8.3	110.2	110.2	110.2	110.2	87.0	62.4

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 42: KY09 (8.5 ton, 115°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		115°F								125°F							
2125	77	107.3	9.3	57.6	46.8	36.0	-	-	-	100.4	10.4	55.4	44.6	33.9	-	-	-
	72	95.1	9.3	69.1	57.6	46.1	34.7	-	-	88.1	10.5	66.6	55.1	43.6	32.1	-	-
	67	82.8	9.4	80.6	68.4	56.3	45.0	33.7	-	75.8	10.6	75.8	65.5	53.3	42.0	30.7	-
	62	81.8	9.4	81.8	75.9	66.4	55.3	44.2	33.0	78.3	10.5	78.3	71.4	62.9	51.8	40.7	29.6
2550	77	106.8	9.4	65.0	50.0	35.0	-	-	-	99.4	10.5	62.8	47.6	32.3	-	-	-
	72	96.9	9.4	75.2	61.8	48.3	34.8	-	-	89.7	10.6	72.3	58.9	45.4	31.9	-	-
	67	87.0	9.4	85.5	73.6	61.6	48.0	34.4	-	80.1	10.6	80.1	70.2	58.5	44.8	31.2	-
	62	86.3	9.4	85.5	82.1	74.9	61.1	47.4	33.7	82.2	10.5	82.2	77.5	71.6	57.7	43.9	30.1
	57	85.5	9.3	85.5	85.5	85.5	74.3	60.5	46.6	84.2	10.5	84.2	84.2	84.2	70.6	56.7	42.7
2975	77	106.4	9.5	72.3	53.1	34.0	-	-	-	98.3	10.6	70.2	50.5	30.8	-	-	-
	72	98.7	9.4	81.4	65.9	50.4	34.9	-	-	91.4	10.6	78.1	62.7	47.2	31.8	-	-
	67	91.1	9.4	90.5	78.7	66.9	50.9	35.0	-	84.4	10.6	84.4	74.9	63.7	47.7	31.8	-
	62	90.8	9.4	90.8	88.2	83.3	67.0	50.6	34.3	86.1	10.6	86.1	83.7	80.2	63.7	47.1	30.6
	57	90.4	9.4	90.4	90.4	90.4	83.0	66.2	49.5	87.7	10.5	87.7	87.7	87.7	79.6	62.5	45.5
3400	77	105.9	9.5	79.6	56.3	32.9	-	-	-	97.3	10.7	77.6	53.4	29.2	-	-	-
	72	100.6	9.5	87.5	70.0	52.5	35.1	-	-	93.0	10.7	83.9	66.5	49.1	31.6	-	-
	67	95.2	9.5	95.2	83.8	72.1	53.9	35.7	-	88.8	10.6	88.8	79.5	68.9	50.6	32.3	-
	62	95.3	9.4	95.3	94.4	91.7	72.8	53.9	35.0	89.9	10.6	89.9	89.8	88.8	69.6	50.4	31.1
	57	95.3	9.4	95.3	95.3	95.3	91.7	72.0	52.4	91.1	10.6	91.1	91.1	91.1	88.6	68.4	48.3
3825	72	102.4	9.5	93.6	74.1	54.7	35.2	-	-	94.6	10.7	89.6	70.3	50.9	31.5	-	-
	67	99.4	9.5	99.4	88.9	77.4	56.9	36.4	-	93.1	10.6	93.1	84.2	74.2	53.5	32.8	-
	62	99.8	9.5	99.8	99.8	99.8	78.6	57.1	35.6	93.8	10.6	93.8	93.8	93.8	75.5	53.6	31.7
	57	100.1	9.4	100.1	100.1	100.1	100.1	77.8	55.3	94.6	10.6	94.6	94.6	94.6	94.6	74.3	51.1
4250	72	104.3	9.6	99.8	78.3	56.8	35.3	-	-	96.3	10.8	95.4	74.1	52.7	31.3	-	-
	67	103.5	9.5	103.5	94.0	82.7	59.9	37.1	-	97.4	10.7	97.4	88.9	79.4	56.4	33.4	-
	62	104.3	9.5	104.3	104.3	104.3	84.5	60.4	36.2	97.7	10.6	97.7	97.7	97.7	81.4	56.8	32.2
	57	105.0	9.5	104.2	104.2	104.2	104.2	83.6	58.2	98.0	10.6	98.0	98.0	98.0	98.0	80.2	53.9

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 43: KY12 (10 ton, 75°F to 105°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
2500	77	153.1	6.5	77.2	66.0	54.9	-	-	-	147.3	7.5	72.8	62.4	51.9	-	-	-
	72	139.7	6.4	93.7	80.4	67.1	53.8	-	-	134.1	7.4	90.4	77.2	64.0	50.9	-	-
	67	126.3	6.3	110.2	94.8	79.3	66.6	53.5	-	120.9	7.4	108.0	92.0	76.1	63.5	50.7	-
	62	119.2	6.3	119.2	106.2	91.5	76.8	66.5	53.9	115.9	7.4	115.9	102.8	88.2	74.9	63.8	51.5
3000	77	155.3	6.5	86.3	70.5	54.6	-	-	-	148.5	7.5	83.1	67.3	51.6	-	-	-
	72	142.9	6.5	102.6	86.5	70.5	54.4	-	-	136.8	7.5	99.2	83.3	67.3	51.4	-	-
	67	130.5	6.4	118.8	102.6	86.3	70.5	54.4	-	125.1	7.4	115.4	99.2	83.1	67.4	51.6	-
	62	125.1	6.4	125.1	114.4	102.1	84.6	70.6	54.8	121.2	7.4	121.2	110.7	98.8	82.4	67.7	52.2
	57	119.8	6.4	119.8	119.8	118.0	102.3	86.7	71.1	117.3	7.4	117.3	117.3	114.6	99.2	83.9	68.5
3500	77	157.5	6.6	95.5	74.9	54.4	-	-	-	149.6	7.5	93.3	72.3	51.2	-	-	-
	72	146.0	6.5	111.5	92.6	73.8	55.0	-	-	139.4	7.5	108.1	89.4	70.6	51.8	-	-
	67	134.6	6.4	127.5	110.4	93.3	74.5	55.4	-	129.2	7.4	122.9	106.4	90.0	71.3	52.4	-
	62	131.1	6.4	131.1	122.6	112.7	92.4	74.7	55.7	126.4	7.4	126.4	118.6	109.4	89.9	71.7	52.8
	57	127.5	6.4	127.5	127.5	126.6	113.1	94.0	74.8	123.7	7.4	123.7	123.7	123.7	109.9	90.9	72.0
4000	77	159.7	6.6	104.6	79.3	54.1	-	-	-	150.8	7.5	103.6	77.2	50.8	-	-	-
	72	149.2	6.5	120.3	98.8	77.2	55.6	-	-	142.0	7.5	117.0	95.4	73.9	52.3	-	-
	67	138.8	6.5	136.1	118.2	100.2	78.4	56.4	-	133.3	7.4	130.3	113.6	96.9	75.1	53.2	-
	62	137.0	6.4	137.0	130.8	123.3	100.2	78.8	56.5	131.7	7.4	131.7	126.5	120.0	97.4	75.6	53.4
	57	135.3	6.4	135.3	135.3	135.3	123.8	101.2	78.6	130.0	7.4	130.0	130.0	130.0	120.5	98.0	75.5
4500	72	152.4	6.5	129.2	104.9	80.5	56.2	-	-	144.7	7.5	125.9	101.5	77.2	52.8	-	-
	67	143.5	6.5	142.9	126.0	107.2	82.3	57.4	-	137.5	7.4	137.5	120.8	103.9	79.0	54.0	-
	62	143.3	6.5	142.9	138.9	133.9	108.0	82.9	57.4	136.9	7.4	136.9	134.4	130.6	104.8	79.6	54.0
	57	143.0	6.5	140.7	140.7	140.7	134.5	108.5	82.4	136.4	7.4	136.4	136.4	136.4	131.2	105.1	79.0
5000	72	155.5	6.6	138.1	111.0	83.9	56.8	-	-	147.3	7.5	134.7	107.6	80.5	53.3	-	-
	67	150.7	6.5	147.1	133.8	114.2	86.3	58.3	-	144.0	7.4	141.6	128.0	110.8	82.8	54.8	-
	62	148.9	6.5	148.9	147.1	144.5	115.8	87.0	58.3	143.5	7.4	142.2	142.2	141.2	112.3	83.5	54.7
	57	147.8	6.5	146.2	146.2	146.2	145.3	115.7	86.2	142.7	7.4	141.6	141.6	141.6	141.6	112.2	82.5
		95°F								105°F							
2500	77	141.5	8.5	68.3	58.7	49.0	-	-	-	132.9	9.9	66.5	56.7	46.9	-	-	-
	72	128.5	8.5	87.0	74.0	61.0	47.9	-	-	120.5	9.8	84.6	71.5	58.3	45.2	-	-
	67	115.5	8.4	105.7	89.3	72.9	60.5	48.0	-	108.0	9.8	102.8	86.3	69.7	57.3	44.9	-
	62	112.7	8.4	112.7	99.4	84.9	73.0	61.1	49.1	105.9	9.7	105.9	94.0	81.2	69.5	57.9	46.2
3000	77	141.6	8.5	79.8	64.1	48.5	-	-	-	132.9	9.9	77.5	61.6	45.7	-	-	-
	72	130.6	8.5	95.9	80.0	64.2	48.3	-	-	122.6	9.8	92.9	76.9	61.0	45.1	-	-
	67	119.7	8.4	112.0	95.9	79.8	64.2	48.7	-	112.2	9.8	108.2	92.3	76.4	60.9	45.4	-
	62	117.2	8.4	117.2	107.0	95.5	80.2	64.8	49.5	110.4	9.7	110.4	101.6	91.8	76.6	61.5	46.4
	57	114.8	8.4	114.8	114.8	111.2	96.1	81.0	66.0	108.6	9.7	108.6	108.6	107.1	92.4	77.6	62.9
3500	77	141.7	8.5	91.2	69.6	48.0	-	-	-	132.9	9.9	88.6	66.5	44.5	-	-	-
	72	132.8	8.4	104.8	86.1	67.4	48.7	-	-	124.7	9.8	101.1	82.4	63.8	45.1	-	-
	67	123.8	8.4	118.3	102.5	86.7	68.0	49.3	-	116.5	9.8	113.5	98.3	83.1	64.4	45.8	-
	62	121.8	8.4	121.8	114.6	106.1	87.4	68.6	49.9	115.0	9.7	115.0	109.2	102.4	83.8	65.1	46.5
	57	119.8	8.4	119.8	119.8	119.8	106.7	87.9	69.2	113.5	9.7	113.5	113.5	113.5	103.1	84.5	65.9
4000	77	141.8	8.5	102.7	75.1	47.6	-	-	-	133.0	9.9	99.6	71.4	43.3	-	-	-
	72	134.9	8.4	113.6	92.1	70.6	49.1	-	-	126.8	9.8	109.3	87.9	66.5	45.1	-	-
	67	127.9	8.4	124.6	109.1	93.6	71.8	50.0	-	120.7	9.7	118.9	104.3	89.7	68.0	46.3	-
	62	126.3	8.4	126.3	122.2	116.7	94.5	72.4	50.3	119.5	9.7	119.5	116.7	113.0	90.9	68.8	46.7
	57	124.8	8.4	124.8	124.8	124.8	117.3	94.8	72.4	118.4	9.7	118.4	118.4	118.4	113.7	91.3	68.8
4500	72	137.0	8.4	122.5	98.1	73.8	49.5	-	-	128.9	9.8	117.5	93.3	69.2	45.1	-	-
	67	132.1	8.4	130.9	115.7	100.5	75.6	50.7	-	124.9	9.7	124.2	110.3	96.4	71.5	46.7	-
	62	130.9	8.4	130.9	129.8	127.2	101.7	76.2	50.7	124.1	9.7	124.1	124.1	123.6	98.0	72.4	46.8
	57	129.7	8.3	129.7	129.7	129.7	127.8	101.7	75.6	123.3	9.7	123.3	123.3	123.3	123.3	98.1	71.8
5000	72	139.1	8.4	131.3	104.2	77.0	49.9	-	-	131.0	9.8	125.7	98.8	71.9	45.1	-	-
	67	136.2	8.4	136.2	122.3	107.4	79.4	51.3	-	129.1	9.7	129.1	116.3	103.0	75.1	47.1	-
	62	135.4	8.3	135.4	135.4	135.4	108.9	80.0	51.1	128.6	9.7	128.6	128.6	128.6	105.1	76.0	47.0
	57	134.7	8.3	134.7	134.7	134.7	134.7	108.6	78.8	128.2	9.7	128.2	128.2	128.2	128.2	105.0	74.8

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 44: KY12 (10 ton, 115°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		115°F								125°F							
2500	77	124.3	11.3	64.6	54.7	44.8	-	-	-	115.7	12.7	62.7	52.7	42.7	-	-	-
	72	112.4	11.2	82.3	69.0	55.7	42.4	-	-	104.4	12.6	79.9	66.5	53.0	39.6	-	-
	67	100.6	11.1	99.9	83.2	66.5	54.2	41.9	-	93.1	12.5	93.1	80.2	63.3	51.1	38.8	-
	62	99.1	11.1	99.1	88.6	77.4	66.0	54.7	43.3	92.3	12.4	92.3	83.2	73.7	62.6	51.5	40.4
3000	77	124.2	11.3	75.3	59.1	42.8	-	-	-	115.5	12.7	73.0	56.5	40.0	-	-	-
	72	114.5	11.2	89.8	73.9	57.9	42.0	-	-	106.5	12.6	86.8	70.8	54.8	38.8	-	-
	67	104.8	11.1	104.4	88.7	73.0	57.5	42.1	-	97.4	12.5	97.4	85.0	69.5	54.2	38.8	-
	62	103.7	11.1	103.7	96.2	88.0	73.1	58.2	43.2	96.9	12.4	96.9	90.7	84.3	69.6	54.8	40.1
	57	102.5	11.0	102.5	102.5	102.5	88.7	74.2	59.8	96.3	12.4	93.8	93.8	93.8	85.0	70.8	56.7
3500	77	124.2	11.3	85.9	63.4	40.9	-	-	-	115.4	12.6	83.3	60.3	37.3	-	-	-
	72	116.6	11.2	97.4	78.7	60.1	41.5	-	-	108.6	12.6	93.7	75.1	56.5	38.0	-	-
	67	109.1	11.1	108.8	94.1	79.4	60.8	42.3	-	101.8	12.5	101.8	89.9	75.7	57.3	38.8	-
	62	108.2	11.1	108.2	103.7	98.6	80.1	61.7	43.2	101.4	12.4	101.4	98.2	94.9	76.5	58.2	39.8
	57	107.3	11.0	107.3	107.3	107.3	99.5	81.0	62.6	101.0	12.4	99.0	99.0	99.0	95.8	77.5	59.2
4000	77	124.1	11.2	96.6	67.8	38.9	-	-	-	115.2	12.6	93.6	64.1	34.6	-	-	-
	72	118.7	11.2	104.9	83.6	62.4	41.1	-	-	110.7	12.5	100.5	79.4	58.3	37.1	-	-
	67	113.4	11.1	113.2	99.5	85.8	64.2	42.5	-	106.1	12.5	106.1	94.7	81.9	60.3	38.8	-
	62	112.7	11.1	112.7	111.2	109.3	87.2	65.1	43.1	105.9	12.4	105.9	105.7	105.6	83.5	61.5	39.5
	57	112.1	11.0	112.1	112.1	112.1	110.2	87.8	65.3	105.7	12.4	104.3	104.3	104.3	104.3	84.2	61.7
4500	72	120.8	11.1	112.4	88.5	64.6	40.7	-	-	112.8	12.5	107.4	83.7	60.0	36.3	-	-
	67	117.7	11.1	117.6	104.9	92.3	67.5	42.7	-	110.5	12.5	110.5	99.5	88.1	63.4	38.7	-
	62	117.3	11.1	117.3	117.3	117.3	94.3	68.6	43.0	110.4	12.4	110.2	110.2	110.2	90.5	64.8	39.1
	57	116.9	11.0	116.9	116.9	116.9	116.9	94.5	68.0	110.4	12.4	109.5	109.5	109.5	109.5	90.9	64.3
5000	72	123.0	11.1	120.0	93.4	66.9	40.3	-	-	115.1	12.5	114.3	88.0	61.8	35.5	-	-
	67	121.9	11.1	121.9	110.3	98.7	70.8	42.9	-	115.0	12.4	114.5	104.4	94.3	66.5	38.7	-
	62	121.8	11.0	121.8	121.8	121.8	101.3	72.1	42.9	114.8	12.4	114.6	114.6	114.6	97.5	68.2	38.8
	57	121.6	11.0	121.6	121.6	121.6	121.6	101.3	70.8	114.7	12.4	114.7	114.7	114.7	114.7	97.6	66.8

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

KL04 to KL06 cooling capacities

Table 45: KL04 (3.0 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
750	77	47.5	2.0	22.8	19.0	15.2	-	-	-	45.0	2.2	21.9	18.1	14.4	-	-	-
	72	43.2	2.0	27.7	23.6	19.5	15.5	-	-	40.9	2.2	26.7	22.7	18.6	14.5	-	-
	67	38.8	1.9	32.6	28.2	23.9	19.6	15.6	-	36.8	2.2	31.6	27.2	22.8	18.6	14.6	-
	62	35.8	1.9	35.8	32.3	28.2	23.2	19.8	15.6	34.2	2.2	34.2	31.3	27.0	22.5	18.7	14.6
900	77	48.1	2.0	25.5	20.6	15.6	-	-	-	45.6	2.3	24.6	19.7	14.7	-	-	-
	72	44.1	2.0	30.4	25.6	20.7	15.9	-	-	41.8	2.2	29.4	24.6	19.8	14.9	-	-
	67	40.1	2.0	35.2	30.6	25.9	20.9	16.1	-	38.0	2.2	34.3	29.5	24.8	19.9	15.0	-
	62	37.7	2.0	37.7	34.8	31.0	25.5	21.1	16.1	36.0	2.2	36.0	33.6	29.9	24.6	20.0	15.1
	57	35.2	2.0	35.2	35.2	35.2	31.2	26.1	21.1	34.0	2.2	34.0	34.0	34.0	30.0	25.0	20.0
1050	77	48.8	2.0	28.3	22.2	16.0	-	-	-	46.2	2.3	27.4	21.2	15.0	-	-	-
	72	45.1	2.0	33.1	27.5	22.0	16.4	-	-	42.7	2.3	32.2	26.5	20.9	15.3	-	-
	67	41.4	2.0	37.9	32.9	27.9	22.2	16.6	-	39.2	2.2	36.9	31.9	26.8	21.1	15.5	-
	62	39.5	2.0	39.5	37.2	33.9	27.7	22.4	16.7	37.7	2.2	37.7	35.9	32.8	26.8	21.3	15.5
	57	37.6	2.0	37.6	37.6	37.6	34.1	28.2	22.4	36.3	2.2	36.3	36.3	36.3	32.8	27.0	21.2
1200	77	49.4	2.0	31.1	23.7	16.4	-	-	-	46.8	2.3	30.2	22.8	15.4	-	-	-
	72	46.0	2.0	35.8	29.5	23.2	16.8	-	-	43.5	2.3	34.9	28.5	22.1	15.8	-	-
	67	42.7	2.0	40.6	35.3	30.0	23.5	17.1	-	40.3	2.2	39.6	34.2	28.9	22.4	16.0	-
	62	41.3	2.0	41.3	39.6	36.8	29.9	23.7	17.2	39.5	2.2	39.5	38.2	35.6	28.9	22.5	16.0
	57	40.0	2.0	40.0	40.0	40.0	37.0	30.4	23.7	38.7	2.2	38.7	38.7	38.7	35.7	29.1	22.5
1350	72	47.0	2.0	38.6	31.5	24.4	17.3	-	-	44.4	2.3	37.6	30.4	23.3	16.2	-	-
	67	43.9	2.0	43.3	37.6	32.0	24.8	17.6	-	41.5	2.3	41.5	36.5	30.9	23.6	16.4	-
	62	43.1	2.0	43.1	42.0	39.6	32.2	25.1	17.8	41.2	2.3	41.2	40.5	38.5	31.1	23.8	16.5
	57	42.3	2.0	42.3	42.3	42.3	39.9	32.5	25.1	41.0	2.3	41.0	41.0	41.0	38.6	31.2	23.8
1500	72	48.0	2.0	41.3	33.4	25.6	17.8	-	-	45.3	2.3	40.3	32.4	24.5	16.6	-	-
	67	45.2	2.0	45.2	40.0	34.1	26.1	18.1	-	42.6	2.3	42.6	38.9	32.9	24.9	16.9	-
	62	45.0	2.0	45.0	44.5	42.5	34.4	26.4	18.3	43.0	2.3	43.0	42.8	41.4	33.2	25.1	16.9
	57	44.7	2.0	44.7	44.7	44.7	42.8	34.6	26.4	43.4	2.3	43.4	43.4	43.4	41.5	33.3	25.0

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 46: KL04 (3.0 ton, 95°F to 115°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		95°F								105°F							
750	77	42.5	2.5	21.0	17.3	13.5	-	-	-	40.0	2.9	19.7	16.2	12.6	-	-	-
	72	38.7	2.5	25.8	21.7	17.6	13.6	-	-	36.3	2.9	24.8	20.7	16.6	12.5	-	-
	67	34.9	2.5	30.6	26.2	21.7	17.7	13.6	-	32.6	2.9	29.9	25.2	20.6	16.5	12.4	-
	62	32.6	2.5	32.6	30.3	25.8	21.8	17.7	13.6	31.0	2.9	31.0	28.7	24.6	20.5	16.4	12.3
900	77	43.0	2.5	23.7	18.8	13.8	-	-	-	40.3	2.9	22.7	17.8	12.8	-	-	-
	72	39.5	2.5	28.5	23.6	18.8	13.9	-	-	37.0	2.9	27.4	22.5	17.7	12.8	-	-
	67	35.9	2.5	33.3	28.5	23.8	18.9	14.0	-	33.7	2.9	32.1	27.3	22.6	17.7	12.8	-
	62	34.3	2.5	34.3	32.5	28.7	23.8	18.9	14.0	32.6	2.9	32.6	30.9	27.5	22.5	17.6	12.7
	57	32.7	2.4	32.7	32.7	32.7	28.7	23.8	18.9	31.5	2.9	31.5	31.5	31.5	27.4	22.4	17.5
1050	77	43.6	2.5	26.5	20.3	14.1	-	-	-	40.6	2.9	25.7	19.3	13.0	-	-	-
	72	40.3	2.5	31.2	25.6	19.9	14.3	-	-	37.7	2.9	30.0	24.4	18.8	13.1	-	-
	67	36.9	2.5	35.9	30.8	25.8	20.1	14.4	-	34.8	2.9	34.3	29.4	24.6	18.9	13.2	-
	62	36.0	2.5	36.0	34.7	31.6	25.9	20.1	14.4	34.1	2.9	34.1	33.0	30.4	24.6	18.8	13.0
	57	35.0	2.5	35.0	35.0	35.0	31.6	25.8	20.1	33.5	2.9	33.5	33.5	33.5	30.3	24.4	18.6
1200	77	44.1	2.6	29.2	21.8	14.4	-	-	-	40.9	2.9	28.7	20.9	13.1	-	-	-
	72	41.0	2.5	33.9	27.5	21.1	14.7	-	-	38.4	2.9	32.6	26.2	19.8	13.5	-	-
	67	38.0	2.5	38.0	33.1	27.8	21.3	14.8	-	35.9	2.9	35.9	31.5	26.5	20.0	13.5	-
	62	37.7	2.5	37.7	36.9	34.5	27.9	21.3	14.8	35.7	2.9	35.7	35.2	33.2	26.6	20.0	13.4
	57	37.4	2.5	37.4	37.4	37.4	34.5	27.9	21.2	35.5	2.9	35.5	35.5	35.5	33.2	26.5	19.7
1350	72	41.8	2.5	36.6	29.4	22.2	15.0	-	-	39.2	2.9	35.2	28.1	20.9	13.8	-	-
	67	39.0	2.5	39.0	35.5	29.8	22.5	15.2	-	37.1	2.9	37.1	33.6	28.5	21.2	13.9	-
	62	39.4	2.5	39.4	39.1	37.3	29.9	22.6	15.2	37.3	2.9	37.3	37.3	36.1	28.7	21.2	13.7
	57	39.7	2.5	39.7	39.7	39.7	37.4	29.9	22.4	37.5	2.9	37.5	37.5	37.5	36.1	28.5	20.8
1500	72	42.6	2.6	39.2	31.3	23.3	15.4	-	-	39.9	2.9	37.8	29.9	22.0	14.1	-	-
	67	40.0	2.5	40.0	37.8	31.8	23.7	15.6	-	38.2	2.9	38.2	35.7	30.5	22.4	14.3	-
	62	41.0	2.5	41.0	41.0	40.2	32.0	23.8	15.6	38.9	2.9	38.9	38.9	38.9	30.7	22.4	14.1
	57	42.0	2.5	40.8	40.8	40.8	40.3	32.0	23.6	39.6	2.9	39.2	39.2	39.2	39.0	30.5	22.0
		115°F								125°F							
750	77	37.4	3.3	18.4	15.0	11.7	-	-	-	34.9	3.7	17.1	13.9	10.8	-	-	-
	72	33.8	3.3	23.8	19.7	15.6	11.5	-	-	31.4	3.7	22.7	18.6	14.5	10.4	-	-
	67	30.3	3.3	29.1	24.3	19.4	15.4	11.3	-	27.9	3.7	27.9	23.3	18.3	14.2	10.1	-
	62	29.4	3.3	29.4	27.1	23.3	19.2	15.2	11.1	27.8	3.7	27.8	25.4	22.1	18.0	13.9	9.9
900	77	37.5	3.3	21.7	16.7	11.8	-	-	-	34.8	3.7	20.6	15.7	10.8	-	-	-
	72	34.5	3.3	26.3	21.4	16.6	11.7	-	-	32.0	3.7	25.2	20.4	15.5	10.6	-	-
	67	31.5	3.3	30.9	26.2	21.4	16.5	11.6	-	29.3	3.7	29.3	25.0	20.2	15.3	10.4	-
	62	30.9	3.3	30.9	29.2	26.2	21.3	16.3	11.4	29.1	3.7	29.1	27.6	25.0	20.0	15.1	10.1
	57	30.2	3.3	30.2	30.2	30.2	26.1	21.1	16.1	29.0	3.7	29.0	29.0	29.0	24.7	19.7	14.7
1050	77	37.7	3.3	24.9	18.4	11.9	-	-	-	34.7	3.7	24.2	17.5	10.7	-	-	-
	72	35.2	3.3	28.8	23.2	17.6	12.0	-	-	32.6	3.7	27.7	22.1	16.5	10.9	-	-
	67	32.7	3.3	32.7	28.1	23.4	17.7	11.9	-	30.6	3.7	30.6	26.7	22.2	16.4	10.7	-
	62	32.3	3.3	32.3	31.4	29.1	23.3	17.5	11.7	30.5	3.7	30.5	29.7	27.9	22.0	16.2	10.3
	57	31.9	3.3	31.9	31.9	31.9	29.0	23.1	17.1	30.4	3.7	30.4	30.4	30.4	27.6	21.7	15.7
1200	77	37.8	3.3	28.2	20.1	11.9	-	-	-	34.6	3.7	27.7	19.2	10.7	-	-	-
	72	35.8	3.3	31.4	25.0	18.6	12.3	-	-	33.2	3.7	30.1	23.8	17.4	11.1	-	-
	67	33.9	3.3	33.9	29.9	25.3	18.8	12.3	-	31.9	3.7	31.9	28.3	24.1	17.6	11.0	-
	62	33.8	3.3	33.8	33.6	32.0	25.3	18.7	12.0	31.8	3.7	31.8	31.8	30.8	24.1	17.3	10.6
	57	33.6	3.3	33.6	33.6	33.6	31.9	25.0	18.2	31.8	3.7	31.8	31.8	31.8	30.6	23.6	16.7
1350	72	36.5	3.3	33.9	26.8	19.6	12.5	-	-	33.8	3.7	32.6	25.5	18.4	11.3	-	-
	67	35.1	3.3	35.1	31.8	27.3	19.9	12.6	-	33.2	3.7	33.2	30.0	26.1	18.7	11.3	-
	62	35.2	3.3	35.2	35.2	34.9	27.4	19.8	12.3	33.2	3.7	33.2	33.2	33.2	26.1	18.4	10.8
	57	35.4	3.3	35.4	35.4	35.4	34.8	27.0	19.3	33.2	3.7	33.2	33.2	33.2	33.2	25.6	17.7
1500	72	37.2	3.3	36.5	28.6	20.7	12.8	-	-	34.4	3.7	34.4	27.2	19.3	11.5	-	-
	67	36.3	3.3	36.3	33.7	29.3	21.1	12.9	-	34.5	3.7	34.5	31.7	28.0	19.8	11.6	-
	62	36.7	3.3	36.7	36.7	36.7	29.4	21.0	12.5	34.5	3.7	34.5	34.5	34.5	28.1	19.6	11.0
	57	37.1	3.3	37.1	37.1	37.1	37.1	29.0	20.3	34.6	3.7	34.6	34.6	34.6	34.6	27.6	18.7

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 47: KL05 (3.0 ton, 75°F to 105°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
1000	77	49.0	4.4	23.8	21.0	18.1	-	-	-	53.5	3.9	25.6	22.0	18.4	-	-	-
	72	50.9	3.5	34.1	29.6	25.2	20.7	-	-	51.8	3.4	34.5	29.5	24.5	19.5	-	-
	67	52.8	2.6	44.4	38.3	32.2	26.9	21.5	-	50.2	3.0	43.4	37.0	30.7	25.4	20.2	-
	62	48.5	2.6	48.5	44.7	39.3	31.6	26.8	20.5	47.1	2.9	47.1	42.3	36.8	30.6	25.8	20.3
1200	77	53.0	4.0	29.3	24.4	19.4	-	-	-	55.7	3.7	30.6	25.0	19.3	-	-	-
	72	53.9	3.3	38.6	32.9	27.2	21.5	-	-	53.9	3.3	38.6	32.5	26.4	20.3	-	-
	67	54.9	2.6	47.9	41.4	35.0	28.6	22.2	-	52.2	3.0	46.6	40.1	33.5	27.2	20.9	-
	62	51.4	2.6	51.4	47.7	42.8	34.6	28.6	21.5	49.8	2.9	49.8	45.3	40.6	33.5	27.5	20.9
	57	48.0	2.6	48.0	48.0	48.0	42.8	35.0	27.2	47.4	2.9	47.4	47.4	47.4	40.9	34.1	27.4
1400	77	57.0	3.7	34.9	27.8	20.7	-	-	-	57.9	3.5	35.7	28.0	20.3	-	-	-
	72	57.0	3.2	43.1	36.2	29.2	22.3	-	-	56.0	3.3	42.7	35.5	28.3	21.1	-	-
	67	56.9	2.6	51.4	44.6	37.8	30.3	22.9	-	54.2	3.0	49.8	43.1	36.4	29.0	21.5	-
	62	54.4	2.6	54.4	50.7	46.3	37.5	30.4	22.4	52.4	3.0	52.4	48.4	44.4	36.4	29.2	21.6
	57	51.8	2.6	51.8	51.8	51.8	46.4	37.9	29.5	50.7	2.9	50.7	50.7	50.7	44.6	36.8	29.0
1600	77	61.1	3.4	40.4	31.2	22.0	-	-	-	60.1	3.4	40.7	31.0	21.3	-	-	-
	72	60.0	3.0	47.7	39.5	31.3	23.1	-	-	58.1	3.2	46.9	38.6	30.2	21.9	-	-
	67	59.0	2.7	55.0	47.8	40.6	32.1	23.5	-	56.2	3.0	53.0	46.1	39.2	30.7	22.2	-
	62	57.3	2.6	57.3	53.6	49.8	40.5	32.2	23.4	55.1	3.0	54.7	51.5	48.2	39.2	30.9	22.2
	57	55.6	2.6	55.6	55.6	55.6	50.0	40.9	31.8	54.0	3.0	54.0	54.0	54.0	48.3	39.5	30.7
1800	72	63.1	2.9	52.2	42.8	33.3	23.8	-	-	60.2	3.1	51.0	41.6	32.2	22.7	-	-
	67	61.0	2.7	58.5	50.9	43.3	33.8	24.2	-	58.1	3.0	56.2	49.2	42.1	32.5	22.9	-
	62	60.2	2.7	59.7	56.6	53.4	43.4	34.0	24.4	57.7	3.0	57.1	54.5	52.0	42.1	32.5	22.8
	57	59.3	2.6	58.9	58.9	58.9	53.6	43.9	34.1	57.3	3.0	56.9	56.9	56.9	52.0	42.2	32.3
2000	72	66.1	2.7	56.7	46.0	35.3	24.6	-	-	62.3	3.0	55.1	44.6	34.1	23.5	-	-
	67	63.1	2.7	62.0	54.1	46.1	35.5	24.9	-	60.1	3.0	59.5	52.2	44.9	34.3	23.6	-
	62	63.1	2.7	62.2	59.5	56.9	46.4	35.9	25.3	60.4	3.0	59.4	57.6	55.7	45.0	34.2	23.5
	57	63.1	2.7	62.3	62.3	62.3	57.2	46.8	36.4	60.6	3.0	59.4	59.4	59.4	55.7	44.8	34.0
		95°F								105°F							
1000	77	58.0	3.4	27.3	22.9	18.6	-	-	-	54.5	3.9	26.1	21.7	17.4	-	-	-
	72	52.8	3.3	34.9	29.4	23.8	18.3	-	-	49.6	3.8	33.7	28.2	22.7	17.3	-	-
	67	47.6	3.3	42.5	35.8	29.1	24.0	18.8	-	44.7	3.8	41.3	34.7	28.1	22.8	17.5	-
	62	45.7	3.3	45.2	39.8	34.3	29.6	24.9	20.1	43.7	3.7	43.0	38.3	33.5	28.3	23.2	18.1
1200	77	58.4	3.4	31.9	25.6	19.2	-	-	-	54.8	3.9	30.7	24.2	17.7	-	-	-
	72	53.9	3.3	38.6	32.1	25.6	19.1	-	-	50.7	3.8	37.2	30.7	24.3	17.8	-	-
	67	49.5	3.3	45.4	38.7	32.0	25.8	19.5	-	46.6	3.8	43.7	37.3	30.8	24.4	18.0	-
	62	48.1	3.3	47.5	43.0	38.4	32.4	26.4	20.4	45.9	3.7	45.1	41.3	37.4	31.1	24.8	18.4
	57	46.7	3.3	46.7	46.7	44.8	39.0	33.3	27.6	45.1	3.7	45.1	45.1	44.0	37.8	31.5	25.2
1400	77	58.7	3.4	36.5	28.2	19.9	-	-	-	55.1	3.9	35.4	26.7	18.0	-	-	-
	72	55.1	3.3	42.3	34.9	27.4	20.0	-	-	51.8	3.8	40.8	33.3	25.8	18.3	-	-
	67	51.4	3.3	48.2	41.6	34.9	27.6	20.2	-	48.4	3.8	46.2	39.9	33.6	26.1	18.5	-
	62	50.5	3.3	49.8	46.1	42.4	35.2	28.0	20.7	48.0	3.8	47.2	44.3	41.4	33.9	26.3	18.8
	57	49.6	3.3	49.6	49.6	49.6	42.8	35.7	28.6	47.6	3.7	47.6	47.6	47.6	41.6	34.1	26.5
1600	77	59.1	3.4	41.0	30.8	20.6	-	-	-	55.4	3.8	40.0	29.1	18.3	-	-	-
	72	56.2	3.3	46.1	37.6	29.2	20.8	-	-	52.9	3.8	44.4	35.8	27.3	18.8	-	-
	67	53.3	3.3	51.1	44.5	37.9	29.4	20.9	-	50.3	3.8	48.7	42.5	36.3	27.7	19.1	-
	62	52.9	3.3	52.1	49.3	46.5	38.0	29.5	21.0	50.2	3.8	49.3	47.3	45.4	36.6	27.9	19.1
	57	52.4	3.3	52.4	52.4	52.4	46.6	38.1	29.6	50.0	3.8	50.0	50.0	50.0	45.5	36.7	27.8
1800	72	57.4	3.3	49.8	40.4	31.0	21.6	-	-	54.0	3.8	47.9	38.4	28.8	19.3	-	-
	67	55.3	3.3	54.0	47.4	40.8	31.2	21.6	-	52.2	3.8	51.2	45.1	39.1	29.3	19.6	-
	62	55.3	3.3	54.4	52.5	50.5	40.8	31.0	21.3	52.3	3.8	51.4	50.4	49.3	39.4	29.4	19.5
	57	55.3	3.3	54.8	54.8	54.8	50.4	40.5	30.5	52.4	3.8	51.7	51.7	51.7	49.4	39.3	29.1
2000	72	58.5	3.3	53.5	43.2	32.8	22.4	-	-	55.1	3.8	51.5	40.9	30.3	19.8	-	-
	67	57.2	3.3	56.9	50.3	43.7	33.0	22.3	-	54.1	3.8	53.6	47.7	41.8	30.9	20.1	-
	62	57.7	3.3	56.7	55.6	54.6	43.6	32.6	21.6	54.5	3.8	53.5	53.4	53.3	42.1	31.0	19.8
	57	58.2	3.3	56.5	56.5	56.5	54.2	42.9	31.5	54.8	3.8	53.4	53.4	53.4	53.3	41.8	30.4

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 48: KL05 (4.0 ton, 115°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		115°F								125°F							
1000	77	51.0	4.4	24.8	20.5	16.1	-	-	-	47.5	4.9	23.6	19.3	14.9	-	-	-
	72	46.4	4.4	32.4	27.0	21.6	16.2	-	-	43.1	4.9	31.2	25.9	20.5	15.2	-	-
	67	41.7	4.3	40.0	33.6	27.1	21.7	16.2	-	38.8	4.8	38.8	32.5	26.1	20.5	14.9	-
	62	41.7	4.2	40.8	36.7	32.6	27.1	21.6	16.0	39.7	4.7	38.6	35.2	31.8	25.8	19.9	14.0
1200	77	51.2	4.4	29.6	22.8	16.1	-	-	-	47.7	4.9	28.4	21.5	14.5	-	-	-
	72	47.4	4.3	35.8	29.4	22.9	16.4	-	-	44.2	4.8	34.4	28.0	21.5	15.1	-	-
	67	43.6	4.3	42.1	35.9	29.7	23.1	16.5	-	40.6	4.8	40.5	34.5	28.5	21.8	15.0	-
	62	43.6	4.2	42.7	39.6	36.5	29.8	23.1	16.4	41.3	4.7	40.4	37.9	35.5	28.5	21.5	14.4
	57	43.6	4.1	43.4	43.3	43.3	36.5	29.7	22.9	42.1	4.6	40.3	40.3	40.3	35.2	27.9	20.6
1400	77	51.5	4.4	34.3	25.2	16.0	-	-	-	47.9	4.8	33.2	23.6	14.1	-	-	-
	72	48.5	4.3	39.2	31.7	24.1	16.6	-	-	45.2	4.8	37.7	30.1	22.5	14.9	-	-
	67	45.5	4.3	44.2	38.2	32.2	24.5	16.9	-	42.5	4.8	42.1	36.5	30.9	23.0	15.2	-
	62	45.5	4.2	44.7	42.5	40.3	32.5	24.7	16.8	43.0	4.7	42.1	40.7	39.3	31.2	23.0	14.9
	57	45.6	4.2	45.1	45.1	45.1	40.5	32.5	24.5	43.6	4.7	42.0	42.0	42.0	39.3	30.9	22.5
1600	77	51.8	4.3	39.0	27.5	16.0	-	-	-	48.1	4.8	38.0	25.8	13.7	-	-	-
	72	49.5	4.3	42.6	34.0	25.4	16.8	-	-	46.2	4.8	40.9	32.2	23.5	14.7	-	-
	67	47.3	4.3	46.2	40.5	34.8	26.0	17.2	-	44.3	4.8	43.8	38.5	33.3	24.3	15.3	-
	62	47.4	4.3	46.6	45.4	44.2	35.2	26.2	17.2	44.7	4.8	43.8	43.4	43.1	33.8	24.6	15.3
	57	47.5	4.2	46.9	46.9	46.9	44.4	35.3	26.1	45.1	4.7	43.8	43.8	43.8	43.4	33.9	24.3
1800	72	50.6	4.3	46.0	36.3	26.6	16.9	-	-	47.2	4.8	44.1	34.3	24.4	14.6	-	-
	67	49.2	4.3	48.3	42.8	37.4	27.4	17.5	-	46.2	4.8	45.5	40.6	35.6	25.5	15.4	-
	62	49.3	4.3	48.5	48.3	48.1	37.9	27.8	17.6	46.4	4.8	45.5	45.5	45.5	36.5	26.1	15.8
	57	49.5	4.3	48.6	48.6	48.6	48.4	38.0	27.7	46.6	4.8	45.5	45.5	45.5	45.5	36.8	26.2
2000	72	51.7	4.3	49.4	38.7	27.9	17.1	-	-	48.2	4.8	47.4	36.4	25.4	14.4	-	-
	67	51.1	4.3	50.4	45.2	39.9	28.9	17.8	-	48.0	4.8	47.1	42.6	38.0	26.8	15.6	-
	62	51.3	4.3	50.4	50.4	50.4	40.6	29.3	18.0	48.1	4.8	47.2	47.2	47.2	39.2	27.7	16.2
	57	51.5	4.4	50.3	50.3	50.3	50.3	40.8	29.2	48.1	4.9	47.3	47.3	47.3	47.3	39.8	28.1

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 49: KL06 (5.0 ton, 75°F to 105°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
1250	77	77.7	3.2	37.9	32.0	26.1	-	-	-	74.8	3.7	35.6	30.3	25.0	-	-	-
	72	70.8	3.2	46.3	39.8	33.3	26.8	-	-	67.4	3.6	44.5	38.1	31.6	25.1	-	-
	67	63.9	3.1	54.7	47.6	40.5	33.2	26.7	-	59.9	3.5	53.4	45.8	38.2	31.4	25.0	-
	62	58.2	3.1	58.2	55.0	47.7	39.1	33.2	26.0	56.5	3.5	56.5	52.0	44.8	37.4	31.4	24.6
1500	77	79.0	3.3	43.1	34.9	26.6	-	-	-	75.3	3.7	41.4	33.3	25.2	-	-	-
	72	72.5	3.2	51.0	43.1	35.2	27.2	-	-	68.8	3.6	49.3	41.3	33.4	25.4	-	-
	67	66.0	3.1	56.7	51.3	43.7	35.2	27.2	-	62.2	3.6	56.3	49.4	41.5	33.3	25.4	-
	62	61.5	3.1	56.8	56.8	52.2	42.6	35.2	26.7	59.3	3.5	56.4	55.7	49.7	40.9	33.3	25.1
	57	56.9	3.1	56.9	56.9	56.9	52.0	43.1	34.3	56.5	3.5	56.5	56.5	56.5	49.5	41.2	33.0
1750	77	80.2	3.3	48.3	37.8	27.2	-	-	-	75.9	3.7	47.1	36.3	25.5	-	-	-
	72	74.2	3.2	55.8	46.4	37.0	27.7	-	-	70.2	3.6	54.1	44.6	35.2	25.7	-	-
	67	68.2	3.2	61.0	55.1	46.9	37.1	27.7	-	64.4	3.6	59.6	53.0	44.8	35.2	25.8	-
	62	64.7	3.1	61.1	61.1	56.8	46.2	37.2	27.4	62.1	3.6	59.8	59.5	54.5	44.5	35.3	25.6
	57	61.2	3.1	61.2	61.2	61.2	56.7	46.6	36.6	59.8	3.5	59.8	59.8	59.8	54.4	44.7	35.0
2000	77	81.5	3.3	53.6	40.7	27.7	-	-	-	76.4	3.7	52.8	39.3	25.8	-	-	-
	72	75.9	3.2	60.6	49.7	38.9	28.1	-	-	71.5	3.7	58.9	47.9	37.0	26.1	-	-
	67	70.3	3.2	65.2	58.8	50.2	39.1	28.2	-	66.7	3.6	62.9	56.6	48.2	37.1	26.2	-
	62	67.9	3.2	65.3	65.3	61.4	49.7	39.2	28.1	64.9	3.6	63.0	63.0	59.3	48.0	37.2	26.1
	57	65.4	3.2	65.4	65.4	65.4	61.4	50.1	38.8	63.1	3.6	63.1	63.1	63.1	59.4	48.2	37.1
2250	72	77.6	3.3	65.3	53.1	40.8	28.6	-	-	72.9	3.7	63.6	51.2	38.8	26.4	-	-
	67	72.4	3.2	69.5	62.6	53.4	41.0	28.7	-	68.9	3.6	66.1	60.1	51.5	39.0	26.6	-
	62	71.1	3.2	69.6	69.5	66.0	53.3	41.2	28.8	67.6	3.6	66.2	66.2	64.2	51.5	39.2	26.6
	57	69.7	3.2	69.7	69.7	69.7	66.0	53.6	41.1	66.4	3.6	66.4	66.4	66.4	64.3	51.8	39.2
2500	72	79.3	3.3	70.1	56.4	42.7	29.0	-	-	74.3	3.7	68.4	54.5	40.6	26.7	-	-
	67	74.6	3.3	73.8	66.3	56.6	42.9	29.3	-	71.1	3.7	69.5	63.7	54.8	40.9	27.0	-
	62	74.3	3.2	73.9	73.1	70.5	56.8	43.1	29.5	70.4	3.7	69.6	69.6	69.0	55.1	41.1	27.2
	57	74.0	3.2	74.0	74.0	74.0	70.7	57.0	43.3	69.7	3.7	69.7	69.7	69.7	69.2	55.3	41.3
		95°F								105°F							
1250	77	71.9	4.1	33.4	28.6	23.8	-	-	-	66.9	4.8	31.6	27.2	22.7	-	-	-
	72	63.9	4.0	42.8	36.3	29.9	23.4	-	-	59.5	4.6	41.4	34.9	28.4	21.9	-	-
	67	56.0	3.9	52.2	44.0	35.9	29.6	23.2	-	52.1	4.5	51.1	42.6	34.1	27.8	21.5	-
	62	54.8	3.9	54.8	48.9	42.0	35.7	29.5	23.3	51.4	4.5	51.4	47.0	39.7	33.6	27.5	21.3
1500	77	71.7	4.1	39.6	31.7	23.9	-	-	-	66.7	4.7	37.7	30.0	22.3	-	-	-
	72	65.0	4.0	47.6	39.6	31.6	23.6	-	-	60.5	4.6	45.8	37.8	29.9	21.9	-	-
	67	58.3	4.0	55.6	47.5	39.3	31.4	23.5	-	54.4	4.5	52.8	45.6	37.4	29.5	21.6	-
	62	57.2	4.0	56.0	52.8	47.1	39.2	31.4	23.6	53.7	4.5	52.9	50.7	45.0	37.1	29.3	21.4
	57	56.1	3.9	56.1	56.1	54.8	47.1	39.3	31.6	53.0	4.5	53.0	53.0	52.5	44.7	36.9	29.1
1750	77	71.6	4.1	45.8	34.9	23.9	-	-	-	66.4	4.7	43.8	32.9	22.0	-	-	-
	72	66.1	4.1	52.4	42.9	33.3	23.8	-	-	61.6	4.7	50.2	40.8	31.4	22.0	-	-
	67	60.7	4.0	58.2	50.9	42.8	33.3	23.8	-	56.7	4.6	55.0	48.7	40.8	31.3	21.8	-
	62	59.5	4.0	58.3	56.7	52.2	42.8	33.3	23.9	56.0	4.6	55.2	54.4	50.2	40.6	31.1	21.5
	57	58.4	4.0	58.4	58.4	58.4	52.2	42.9	33.5	55.3	4.5	55.3	55.3	55.3	50.0	40.3	30.7
2000	77	71.4	4.1	52.0	38.0	23.9	-	-	-	66.2	4.7	49.9	35.7	21.6	-	-	-
	72	67.2	4.1	57.2	46.1	35.1	24.0	-	-	62.6	4.7	54.6	43.8	32.9	22.0	-	-
	67	63.0	4.0	60.5	54.3	46.2	35.1	24.1	-	59.0	4.6	57.3	51.8	44.2	33.1	22.0	-
	62	61.9	4.0	60.6	60.6	57.3	46.3	35.2	24.2	58.3	4.6	57.4	57.4	55.5	44.2	32.9	21.6
	57	60.7	4.0	60.7	60.7	60.7	57.4	46.4	35.4	57.5	4.6	57.5	57.5	57.5	55.2	43.7	32.2
2250	72	68.3	4.1	62.0	49.4	36.8	24.2	-	-	63.6	4.7	59.1	46.7	34.4	22.0	-	-
	67	65.4	4.1	63.0	57.7	49.6	37.0	24.4	-	61.3	4.6	59.6	54.9	47.5	34.9	22.2	-
	62	64.2	4.0	63.1	63.1	62.4	49.8	37.2	24.5	60.6	4.6	59.7	59.7	59.7	47.7	34.7	21.7
	57	63.1	4.0	63.1	63.1	63.1	62.6	49.9	37.3	59.8	4.6	59.8	59.8	59.8	59.8	47.2	33.8
2500	72	69.4	4.1	66.8	52.6	38.5	24.4	-	-	64.7	4.7	63.5	49.7	35.9	22.0	-	-
	67	67.7	4.1	65.2	61.1	53.0	38.8	24.7	-	63.6	4.7	62.0	57.9	50.9	36.6	22.3	-
	62	66.6	4.1	65.3	65.3	65.3	53.3	39.1	24.9	62.8	4.7	62.1	62.1	62.1	51.2	36.5	21.7
	57	65.4	4.1	65.4	65.4	65.4	65.4	53.5	39.2	62.1	4.7	62.1	62.1	62.1	62.1	50.6	35.4

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 50: KL06 (5.0 ton, 115°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		115°F								125°F							
1250	77	61.9	5.4	29.9	25.7	21.6	-	-	-	57.0	6.1	28.1	24.3	20.5	-	-	-
	72	55.1	5.2	39.9	33.4	26.9	20.4	-	-	50.7	5.9	38.5	31.9	25.4	18.9	-	-
	67	48.3	5.1	48.0	41.1	32.2	25.9	19.7	-	44.5	5.6	44.5	39.6	30.4	24.1	17.9	-
	62	48.0	5.1	48.0	45.0	37.5	31.5	25.4	19.4	44.6	5.6	44.6	43.1	35.3	29.3	23.4	17.4
1500	77	61.6	5.4	35.8	28.3	20.8	-	-	-	56.6	6.0	34.0	26.6	19.3	-	-	-
	72	56.1	5.3	44.0	36.1	28.2	20.3	-	-	51.6	5.9	42.2	34.3	26.5	18.6	-	-
	67	50.5	5.1	49.7	43.8	35.5	27.6	19.7	-	46.6	5.7	46.6	42.0	33.6	25.7	17.9	-
	62	50.2	5.1	49.8	48.5	42.9	35.0	27.1	19.2	46.8	5.7	46.8	46.4	40.8	32.9	24.9	17.0
	57	49.9	5.1	49.9	49.9	49.9	42.4	34.5	26.6	46.9	5.7	46.9	46.9	46.9	40.0	32.0	24.1
1750	77	61.3	5.4	41.8	30.9	20.0	-	-	-	56.2	6.0	39.8	28.9	18.1	-	-	-
	72	57.0	5.3	48.0	38.7	29.4	20.1	-	-	52.5	5.9	45.9	36.7	27.5	18.3	-	-
	67	52.8	5.2	52.0	46.6	38.8	29.3	19.8	-	48.8	5.7	48.8	44.4	36.9	27.3	17.8	-
	62	52.5	5.1	52.1	52.0	48.3	38.5	28.8	19.1	48.9	5.7	48.9	48.9	46.3	36.4	26.5	16.7
	57	52.1	5.1	52.1	52.1	52.1	47.7	37.8	27.9	49.0	5.7	49.0	49.0	49.0	45.5	35.2	25.0
2000	77	61.0	5.4	47.8	33.5	19.2	-	-	-	55.8	6.0	45.7	31.3	16.9	-	-	-
	72	58.0	5.3	52.1	41.4	30.7	20.0	-	-	53.4	5.9	49.6	39.0	28.5	18.0	-	-
	67	55.0	5.2	54.2	49.3	42.2	31.0	19.9	-	51.0	5.8	51.0	46.8	40.1	29.0	17.8	-
	62	54.7	5.2	54.3	54.3	53.6	42.1	30.5	18.9	51.1	5.8	51.1	51.1	51.1	39.9	28.1	16.3
	57	54.4	5.2	54.4	54.4	54.4	53.1	41.1	29.1	51.2	5.7	51.2	51.2	51.2	50.9	38.5	26.0
2250	72	59.0	5.3	56.2	44.1	31.9	19.8	-	-	54.3	5.9	53.3	41.4	29.5	17.6	-	-
	67	57.3	5.2	56.3	52.0	45.5	32.7	19.9	-	53.2	5.8	53.2	49.2	43.4	30.6	17.7	-
	62	56.9	5.2	56.4	56.4	56.4	45.6	32.2	18.8	53.3	5.8	53.3	53.3	53.3	43.5	29.7	15.9
	57	56.6	5.2	56.6	56.6	56.6	56.6	44.4	30.4	53.3	5.8	53.3	53.3	53.3	53.3	41.7	26.9
2500	72	59.9	5.3	59.9	46.7	33.2	19.7	-	-	55.2	5.9	55.2	43.8	30.5	17.3	-	-
	67	59.5	5.3	58.6	54.8	48.8	34.4	20.0	-	55.4	5.9	55.4	51.6	46.7	32.2	17.7	-
	62	59.1	5.3	58.7	58.7	58.7	49.1	33.9	18.6	55.4	5.8	55.4	55.4	55.4	47.0	31.3	15.5
	57	58.8	5.2	58.8	58.8	58.8	58.8	47.7	31.6	55.5	5.8	55.5	55.5	55.5	55.5	44.9	27.8

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

KL08 to KL14 cooling capacities

Table 51: KL08 (7.5 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
1875	77	121.1	5.1	57.8	49.0	40.3	-	-	-	115.9	5.8	55.6	46.5	37.4	-	-	-
	72	109.9	5.1	70.2	60.4	50.5	40.6	-	-	104.3	5.8	68.0	57.9	47.9	37.8	-	-
	67	98.6	5.1	82.7	71.7	60.6	50.2	40.4	-	92.7	5.8	80.3	69.4	58.4	47.8	37.7	-
	62	86.3	5.1	86.3	79.5	70.8	57.6	50.1	39.7	83.6	5.8	83.6	78.1	68.9	56.8	47.5	36.8
2250	77	123.2	5.2	65.6	53.5	41.3	-	-	-	117.1	5.8	63.5	51.0	38.4	-	-	-
	72	112.3	5.1	77.3	65.4	53.6	41.8	-	-	106.5	5.8	74.9	62.9	50.9	39.0	-	-
	67	101.4	5.1	88.9	77.4	65.9	53.5	41.7	-	95.9	5.8	86.3	74.9	63.5	51.0	38.9	-
	62	92.3	5.1	92.3	86.0	78.2	63.6	53.5	41.2	89.1	5.8	89.1	84.0	76.0	62.3	50.8	38.2
	57	83.1	5.2	83.1	83.1	83.1	77.9	65.3	52.7	82.2	5.8	82.2	82.2	82.2	75.6	62.7	49.8
2625	77	125.4	5.2	73.4	57.9	42.4	-	-	-	118.3	5.9	71.5	55.5	39.4	-	-	-
	72	114.8	5.2	84.3	70.5	56.8	43.0	-	-	108.8	5.8	81.8	67.9	54.0	40.1	-	-
	67	104.2	5.1	95.2	83.2	71.2	56.9	43.1	-	99.2	5.8	92.2	80.4	68.6	54.2	40.1	-
	62	98.2	5.1	98.2	92.5	85.6	69.6	56.9	42.6	94.5	5.8	94.5	90.0	83.1	67.8	54.1	39.6
	57	92.3	5.2	92.3	92.3	92.3	85.4	70.8	56.2	89.8	5.8	89.8	89.8	89.8	82.9	68.1	53.2
3000	77	127.5	5.2	81.2	62.3	43.4	-	-	-	119.6	5.9	79.4	60.0	40.5	-	-	-
	72	117.2	5.2	91.3	75.6	59.9	44.2	-	-	111.0	5.9	88.8	72.9	57.1	41.2	-	-
	67	106.9	5.2	101.4	88.9	76.4	60.3	44.4	-	102.4	5.8	98.1	85.9	73.7	57.4	41.4	-
	62	104.2	5.2	104.2	99.0	92.9	75.5	60.4	44.1	99.9	5.8	99.9	95.9	90.3	73.3	57.4	41.0
	57	101.5	5.2	101.5	101.5	101.5	92.9	76.3	59.8	97.4	5.8	97.4	97.4	97.4	90.1	73.4	56.7
3375	72	119.7	5.2	98.4	80.7	63.1	45.4	-	-	113.2	5.9	95.7	77.9	60.1	42.3	-	-
	67	109.7	5.2	107.7	94.7	81.7	63.7	45.8	-	105.6	5.9	104.1	91.4	78.8	60.6	42.6	-
	62	110.2	5.2	110.2	105.4	100.3	81.5	63.8	45.6	105.3	5.9	105.3	101.8	97.4	78.8	60.7	42.4
	57	110.7	5.2	109.9	109.9	109.9	100.4	81.9	63.3	105.0	5.8	105.0	105.0	105.0	97.4	78.8	60.2
3750	72	122.1	5.3	105.4	85.8	66.2	46.6	-	-	115.4	5.9	102.7	82.9	63.2	43.5	-	-
	67	112.5	5.2	112.5	100.4	86.9	67.0	47.1	-	108.9	5.9	108.9	96.9	83.8	63.8	43.9	-
	62	116.2	5.2	116.2	111.9	107.7	87.5	67.3	47.0	110.8	5.9	110.8	107.8	104.5	84.2	64.0	43.8
	57	119.8	5.2	118.4	118.4	118.4	107.9	87.4	66.9	112.6	5.9	112.0	112.0	112.0	104.6	84.1	63.6

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 52: KL08 (7.5 ton, 95°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		95°F								105°F							
1875	77	110.7	6.5	53.4	43.9	34.5	-	-	-	103.0	7.5	50.9	42.1	33.3	-	-	-
	72	98.7	6.5	65.7	55.5	45.3	35.1	-	-	91.7	7.6	62.9	53.0	43.1	33.3	-	-
	67	86.8	6.5	78.0	67.1	56.1	45.5	34.9	-	80.4	7.6	74.9	63.9	53.0	42.8	32.6	-
	62	81.0	6.4	81.0	76.7	67.0	56.0	44.9	33.9	76.1	7.5	76.1	72.6	62.8	52.3	41.8	31.3
2250	77	111.0	6.5	61.4	48.5	35.5	-	-	-	103.0	7.6	58.9	46.4	33.8	-	-	-
	72	100.7	6.5	72.5	60.4	48.3	36.2	-	-	93.6	7.6	69.4	57.6	45.8	34.0	-	-
	67	90.5	6.5	83.6	72.3	61.1	48.6	36.1	-	84.2	7.6	80.0	68.9	57.8	45.7	33.5	-
	62	85.8	6.5	85.8	82.0	73.9	61.0	48.1	35.2	80.7	7.5	80.7	77.9	69.9	57.4	44.9	32.4
	57	81.2	6.4	81.2	81.2	81.2	73.4	60.1	46.9	77.2	7.4	77.2	77.2	77.2	69.1	56.2	43.4
2625	77	111.3	6.5	69.5	53.0	36.5	-	-	-	103.0	7.6	67.0	50.6	34.3	-	-	-
	72	102.7	6.5	79.4	65.3	51.3	37.2	-	-	95.5	7.6	76.0	62.2	48.5	34.7	-	-
	67	94.2	6.5	89.2	77.6	66.0	51.6	37.2	-	88.1	7.6	85.0	73.9	62.7	48.6	34.5	-
	62	90.7	6.5	90.7	87.4	80.7	66.0	51.3	36.5	85.4	7.5	85.4	83.2	76.9	62.4	47.9	33.5
	57	87.3	6.5	87.3	87.3	87.3	80.4	65.3	50.3	82.8	7.4	82.8	82.8	82.8	76.3	61.4	46.6
3000	77	111.6	6.6	77.6	57.6	37.6	-	-	-	102.9	7.6	75.1	54.9	34.7	-	-	-
	72	104.7	6.5	86.2	70.2	54.2	38.2	-	-	97.4	7.6	82.6	66.9	51.2	35.5	-	-
	67	97.9	6.5	94.8	82.9	70.9	54.6	38.3	-	91.9	7.6	90.1	78.8	67.6	51.5	35.4	-
	62	95.6	6.5	95.6	92.8	87.6	71.0	54.4	37.8	90.1	7.5	90.1	88.5	84.0	67.5	51.0	34.5
	57	93.3	6.5	93.3	93.3	93.3	87.4	70.5	53.6	88.4	7.5	88.4	88.4	88.4	83.5	66.6	49.7
3375	72	106.7	6.6	93.1	75.1	57.2	39.3	-	-	99.3	7.6	89.1	71.5	53.9	36.2	-	-
	67	101.5	6.5	100.5	88.1	75.8	57.6	39.5	-	95.7	7.5	95.1	83.8	72.5	54.4	36.3	-
	62	100.5	6.5	100.5	98.2	94.4	76.0	57.6	39.1	94.8	7.5	94.8	93.8	91.1	72.6	54.1	35.6
	57	99.4	6.5	99.4	99.4	99.4	94.4	75.7	57.0	93.9	7.5	93.9	93.9	93.9	90.8	71.8	52.9
3750	72	108.7	6.6	99.9	80.1	60.2	40.3	-	-	101.2	7.6	95.7	76.1	56.5	37.0	-	-
	67	105.2	6.6	105.2	93.4	80.7	60.7	40.6	-	99.5	7.5	99.5	88.8	77.4	57.3	37.3	-
	62	105.4	6.6	105.4	103.6	101.3	81.0	60.7	40.5	99.5	7.5	99.5	99.1	98.2	77.7	57.1	36.6
	57	105.5	6.6	105.5	105.5	105.5	101.4	80.9	60.4	99.5	7.5	99.5	99.5	99.5	98.0	77.0	56.0
		115°F								125°F							
1875	77	95.3	8.6	48.3	40.3	32.2	-	-	-	87.6	9.7	45.8	38.4	31.0	-	-	-
	72	84.7	8.7	60.1	50.5	41.0	31.4	-	-	77.7	9.8	57.3	48.0	38.8	29.6	-	-
	67	74.1	8.8	71.8	60.8	49.8	40.0	30.3	-	67.7	9.9	67.7	57.7	46.6	37.3	28.0	-
	62	71.1	8.6	71.1	68.5	58.6	48.6	38.7	28.8	66.2	9.6	66.2	64.4	54.4	45.0	35.6	26.2
2250	77	95.0	8.6	56.4	44.2	32.1	-	-	-	87.0	9.7	53.9	42.1	30.4	-	-	-
	72	86.5	8.7	66.4	54.9	43.4	31.8	-	-	79.4	9.8	63.3	52.1	40.9	29.7	-	-
	67	78.0	8.7	76.3	65.5	54.6	42.8	31.0	-	71.8	9.8	71.8	62.0	51.4	39.9	28.5	-
	62	75.6	8.5	75.6	73.7	65.9	53.8	41.7	29.6	70.5	9.6	70.5	69.6	61.9	50.2	38.5	26.8
	57	73.2	8.4	73.2	73.2	73.2	64.7	52.3	40.0	69.3	9.4	69.3	69.3	69.3	60.4	48.5	36.5
2625	77	94.6	8.7	64.5	48.2	32.0	-	-	-	86.3	9.7	61.9	45.8	29.8	-	-	-
	72	88.3	8.7	72.6	59.2	45.7	32.3	-	-	81.1	9.7	69.2	56.1	43.0	29.8	-	-
	67	82.0	8.7	80.8	70.1	59.5	45.6	31.7	-	75.9	9.7	75.9	66.4	56.2	42.6	29.0	-
	62	80.1	8.5	80.1	78.9	73.2	58.9	44.6	30.4	74.8	9.5	74.8	74.7	69.4	55.4	41.3	27.3
	57	78.3	8.4	78.3	78.3	78.3	72.2	57.5	42.9	73.8	9.4	73.8	73.8	73.8	68.1	53.6	39.2
3000	77	94.3	8.7	72.5	52.2	31.9	-	-	-	85.6	9.7	70.0	49.6	29.1	-	-	-
	72	90.1	8.6	78.9	63.5	48.1	32.7	-	-	82.8	9.7	75.2	60.1	45.1	30.0	-	-
	67	85.9	8.6	85.3	74.8	64.3	48.4	32.5	-	79.9	9.6	79.9	70.7	61.0	45.3	29.5	-
	62	84.6	8.5	84.6	84.2	80.5	64.0	47.6	31.2	79.1	9.5	79.1	79.1	76.9	60.6	44.2	27.8
	57	83.4	8.4	83.4	83.4	83.4	79.7	62.7	45.8	78.4	9.4	78.4	78.4	78.4	75.8	58.8	41.8
3375	72	91.9	8.6	85.2	67.8	50.5	33.2	-	-	84.5	9.7	81.2	64.2	47.2	30.1	-	-
	67	89.8	8.5	89.7	79.4	69.1	51.2	33.2	-	84.0	9.5	84.0	75.1	65.8	47.9	30.1	-
	62	89.1	8.5	89.1	89.1	87.8	69.2	50.6	32.0	83.5	9.5	83.5	83.5	83.5	65.7	47.1	28.4
	57	88.4	8.5	88.4	88.4	88.4	87.2	67.9	48.7	82.9	9.4	82.9	82.9	82.9	82.9	64.0	44.5
3750	72	93.7	8.6	91.4	72.2	52.9	33.6	-	-	86.1	9.6	86.1	68.2	49.2	30.3	-	-
	67	93.8	8.5	93.8	84.1	74.0	54.0	33.9	-	88.0	9.4	88.0	79.4	70.6	50.6	30.6	-
	62	93.6	8.5	93.6	93.6	93.6	74.3	53.5	32.7	87.8	9.4	87.8	87.8	87.8	70.9	49.9	28.9
	57	93.5	8.5	93.5	93.5	93.5	93.5	73.1	51.6	87.5	9.4	87.5	87.5	87.5	87.5	69.2	47.2

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 53: KL09 (8.5 ton, 75°F to 105°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
2125	77	130.5	5.6	72.5	58.8	45.2	-	-	-	121.9	6.3	63.8	52.0	40.3	-	-	-
	72	116.5	5.6	77.9	66.9	56.0	45.0	-	-	110.2	6.3	73.3	62.6	51.8	41.1	-	-
	67	102.4	5.5	83.4	75.1	66.8	53.7	44.5	-	98.4	6.3	82.9	73.1	63.4	51.4	41.3	-
	62	84.6	7.4	84.6	82.7	77.5	61.0	55.0	43.7	87.4	7.2	87.4	81.9	74.9	61.0	52.3	41.1
2550	77	131.4	5.6	76.1	60.7	45.2	-	-	-	123.0	6.4	69.4	55.3	41.1	-	-	-
	72	119.2	5.6	83.9	71.2	58.5	45.8	-	-	112.8	6.3	79.8	67.3	54.8	42.2	-	-
	67	106.9	5.6	91.6	81.7	71.8	57.2	45.7	-	102.7	6.3	90.3	79.4	68.5	54.8	42.6	-
	62	92.4	7.1	92.4	90.1	85.1	67.5	58.4	45.0	93.7	7.0	93.7	88.6	82.1	66.8	55.6	42.3
	57	77.8	8.6	77.8	77.8	77.8	77.8	71.0	57.3	84.7	7.8	84.7	84.7	84.7	82.2	68.6	55.0
2975	77	132.3	5.6	79.8	62.5	45.1	-	-	-	124.0	6.4	75.1	58.5	41.8	-	-	-
	72	121.8	5.6	89.9	75.4	61.0	46.5	-	-	115.5	6.3	86.3	72.0	57.7	43.4	-	-
	67	111.4	5.6	99.9	88.4	76.8	60.7	46.9	-	106.9	6.3	97.6	85.6	73.5	58.2	44.0	-
	62	100.1	6.7	100.1	97.4	92.6	74.1	61.8	46.3	99.9	6.9	99.9	95.2	89.4	72.6	58.9	43.6
	57	88.8	7.8	88.8	88.8	88.8	88.8	76.6	60.7	92.9	7.4	92.9	92.9	92.9	89.4	73.8	58.1
3400	77	133.1	5.7	83.5	64.3	45.1	-	-	-	125.1	6.4	80.7	61.7	42.6	-	-	-
	72	124.5	5.6	95.8	79.7	63.5	47.3	-	-	118.1	6.4	92.8	76.7	60.6	44.5	-	-
	67	115.9	5.6	108.2	95.0	81.8	64.2	48.1	-	111.1	6.3	105.0	91.8	78.6	61.6	45.3	-
	62	107.9	6.3	107.9	104.8	100.2	80.6	65.2	47.6	106.1	6.7	106.1	101.9	96.6	78.3	62.1	44.9
	57	99.8	7.1	99.8	99.8	99.8	99.8	82.2	64.0	101.1	7.1	101.1	101.1	101.1	96.6	79.0	61.2
3825	72	127.2	5.6	101.8	83.9	66.0	48.0	-	-	120.8	6.4	99.3	81.4	63.5	45.6	-	-
	67	120.4	5.6	116.4	101.6	86.9	67.7	49.3	-	115.3	6.3	112.3	98.0	83.7	64.9	46.6	-
	62	115.7	6.0	115.7	112.2	107.8	87.1	68.6	49.0	112.3	6.5	112.3	108.5	103.9	84.1	65.4	46.2
	57	110.9	6.3	110.9	110.9	110.9	108.0	87.8	67.4	109.4	6.7	109.4	109.4	109.4	104.0	84.3	64.4
4250	72	129.9	5.7	107.8	88.1	68.4	48.8	-	-	123.4	6.4	105.9	86.2	66.5	46.8	-	-
	67	124.9	5.6	124.7	108.3	91.9	71.2	50.5	-	119.6	6.4	119.6	104.2	88.8	68.3	47.9	-
	62	123.4	5.6	123.4	119.6	115.3	93.6	72.0	50.3	118.6	6.4	118.6	115.2	111.1	89.9	68.7	47.5
	57	121.9	5.6	121.9	121.9	121.9	116.1	93.4	70.7	117.6	6.3	117.6	117.6	117.6	111.4	89.5	67.5
		95°F								105°F							
2125	77	113.2	7.1	55.1	45.3	35.4	-	-	-	107.8	8.1	53.4	44.3	35.2	-	-	-
	72	103.8	7.1	68.8	58.2	47.7	37.2	-	-	98.0	8.1	68.0	57.2	46.4	35.7	-	-
	67	94.5	7.0	82.4	71.2	60.0	49.1	38.2	-	88.2	8.0	82.5	70.1	57.7	46.7	35.8	-
	62	90.3	7.0	90.1	81.2	72.3	61.0	49.7	38.4	86.6	8.0	86.4	77.7	68.9	57.8	46.7	35.6
2550	77	114.5	7.1	62.7	49.9	37.0	-	-	-	108.6	8.1	61.7	48.8	35.9	-	-	-
	72	106.5	7.1	75.8	63.4	51.1	38.7	-	-	100.4	8.1	74.7	62.0	49.4	36.8	-	-
	67	98.4	7.1	88.9	77.0	65.1	52.4	39.6	-	92.2	8.0	87.7	75.3	62.9	50.0	37.0	-
	62	95.0	7.0	95.0	87.1	79.2	66.0	52.9	39.7	90.8	8.0	90.8	83.6	76.5	63.2	49.8	36.5
	57	91.6	7.0	91.6	91.6	91.6	79.7	66.1	52.6	89.4	8.0	89.4	89.4	89.4	76.4	62.7	49.1
2975	77	115.8	7.1	70.3	54.4	38.6	-	-	-	109.4	8.1	69.9	53.2	36.5	-	-	-
	72	109.1	7.1	82.8	68.6	54.4	40.2	-	-	102.8	8.1	81.4	66.9	52.4	37.8	-	-
	67	102.3	7.1	95.3	82.8	70.3	55.6	41.0	-	96.2	8.1	92.9	80.5	68.2	53.2	38.1	-
	62	99.7	7.0	99.7	93.0	86.1	71.1	56.0	40.9	95.0	8.0	95.0	89.6	84.0	68.5	52.9	37.4
	57	97.0	7.0	97.0	97.0	97.0	86.5	71.0	55.5	93.8	8.0	93.8	93.8	93.8	83.8	67.8	51.7
3400	77	117.2	7.1	77.9	59.0	40.1	-	-	-	110.1	8.2	78.2	57.7	37.2	-	-	-
	72	111.7	7.1	89.9	73.8	57.8	41.7	-	-	105.2	8.1	88.1	71.7	55.3	38.9	-	-
	67	106.3	7.1	101.8	88.6	75.4	58.9	42.4	-	100.2	8.1	98.1	85.8	73.5	56.4	39.3	-
	62	104.4	7.1	104.4	98.9	93.0	76.1	59.1	42.2	99.2	8.1	99.2	95.6	91.6	73.8	56.1	38.3
	57	102.4	7.0	102.4	102.4	102.4	93.3	75.9	58.5	98.1	8.1	98.1	98.1	98.1	91.3	72.8	54.4
3825	72	114.4	7.1	96.9	79.0	61.1	43.3	-	-	107.6	8.1	94.9	76.6	58.3	40.0	-	-
	67	110.2	7.1	108.2	94.4	80.5	62.2	43.8	-	104.3	8.1	103.3	91.0	78.7	59.6	40.4	-
	62	109.0	7.1	109.0	104.8	99.9	81.1	62.3	43.4	103.3	8.1	103.3	101.5	99.2	79.2	59.2	39.2
	57	107.8	7.1	107.8	107.8	107.8	100.0	80.7	61.4	102.4	8.1	102.4	102.4	102.4	98.7	77.9	57.0
4250	72	117.0	7.1	103.9	84.2	64.5	44.8	-	-	110.0	8.1	101.6	81.4	61.3	41.1	-	-
	67	114.2	7.1	114.2	100.2	85.7	65.5	45.2	-	108.3	8.1	108.3	96.2	84.0	62.8	41.6	-
	62	113.7	7.1	113.7	110.7	106.9	86.1	65.4	44.7	107.5	8.1	107.5	107.5	106.7	84.5	62.3	40.0
	57	113.2	7.1	113.2	113.2	113.2	106.8	85.6	64.3	106.7	8.1	106.7	106.7	106.7	106.2	82.9	59.7

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 54: KL09 (8.5 ton, 115°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		115°F								125°F							
2125	77	102.4	9.2	51.7	43.4	35.0	-	-	-	97.1	10.2	50.0	42.4	34.8	-	-	-
	72	92.2	9.1	67.1	56.2	45.2	34.2	-	-	86.3	10.1	66.3	55.1	43.9	32.7	-	-
	67	81.9	9.0	81.9	69.0	55.3	44.4	33.5	-	75.6	10.0	75.6	67.8	53.0	42.1	31.1	-
	62	83.0	9.0	82.8	74.1	65.5	54.6	43.7	32.9	79.3	10.0	79.1	70.6	62.1	51.4	40.8	30.1
2550	77	102.6	9.2	60.6	47.7	34.7	-	-	-	96.7	10.2	59.5	46.6	33.6	-	-	-
	72	94.3	9.1	73.6	60.7	47.7	34.8	-	-	88.2	10.1	72.5	59.3	46.1	32.9	-	-
	67	86.0	9.0	86.0	73.6	60.7	47.5	34.4	-	79.8	10.0	79.8	71.9	58.5	45.1	31.8	-
	62	86.6	9.0	86.6	80.2	73.7	60.3	46.8	33.4	82.4	10.0	82.4	76.7	71.0	57.4	43.8	30.2
	57	87.3	9.0	86.7	86.7	86.7	73.0	59.3	45.6	85.1	10.1	79.5	79.5	79.5	69.6	55.8	42.0
2975	77	102.9	9.2	69.5	52.0	34.5	-	-	-	96.4	10.2	69.1	50.8	32.5	-	-	-
	72	96.5	9.1	80.0	65.2	50.3	35.5	-	-	90.2	10.1	78.6	63.4	48.3	33.1	-	-
	67	90.1	9.0	90.1	78.3	66.1	50.7	35.3	-	83.9	10.0	83.9	76.1	64.1	48.2	32.4	-
	62	90.3	9.0	90.3	86.2	81.9	65.9	49.9	33.9	85.6	10.1	85.6	82.8	79.8	63.3	46.8	30.3
	57	90.5	9.1	90.5	90.5	90.5	81.1	64.5	47.9	87.3	10.1	83.5	83.5	83.5	78.5	61.3	44.1
3400	77	103.1	9.2	78.4	56.3	34.3	-	-	-	96.0	10.2	78.6	55.0	31.3	-	-	-
	72	98.6	9.1	86.4	69.7	52.9	36.1	-	-	92.1	10.1	84.7	67.6	50.4	33.3	-	-
	67	94.2	9.1	94.2	83.0	71.5	53.8	36.2	-	88.1	10.1	88.1	80.2	69.6	51.3	33.0	-
	62	94.0	9.1	94.0	92.2	90.1	71.6	53.0	34.4	88.8	10.1	88.8	88.8	88.7	69.3	49.9	30.5
	57	93.8	9.1	93.8	93.8	93.8	89.3	69.8	50.3	89.4	10.1	87.4	87.4	87.4	87.3	66.7	46.2
3825	72	100.8	9.1	92.8	74.2	55.5	36.8	-	-	94.0	10.1	90.8	71.7	52.6	33.5	-	-
	67	98.3	9.1	98.3	87.7	76.9	57.0	37.1	-	92.3	10.1	92.3	84.3	75.1	54.4	33.7	-
	62	97.6	9.1	97.6	97.6	97.6	77.2	56.0	34.9	91.9	10.1	91.9	91.9	91.9	75.2	52.9	30.6
	57	97.0	9.1	97.0	97.0	97.0	97.0	75.0	52.7	91.6	10.1	91.3	91.3	91.3	91.3	72.2	48.3
4250	72	102.9	9.1	99.3	78.7	58.0	37.4	-	-	95.9	10.2	95.9	75.9	54.8	33.7	-	-
	67	102.3	9.1	102.3	92.3	82.3	60.1	38.0	-	96.4	10.1	96.2	88.4	80.6	57.5	34.3	-
	62	101.3	9.1	101.3	101.3	101.3	82.8	59.1	35.4	95.1	10.1	95.1	95.1	95.1	81.2	56.0	30.8
	57	100.2	9.1	100.2	100.2	100.2	100.2	80.3	55.0	93.7	10.1	93.7	93.7	93.7	93.7	77.6	50.3

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 55: KL12 (10 ton, 75°F to 105°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
2500	77	158.9	6.8	73.1	62.1	51.1	-	-	-	151.6	7.6	72.1	62.2	52.2	-	-	-
	72	142.7	6.7	90.9	77.9	64.9	51.9	-	-	137.3	7.5	89.3	77.1	64.9	52.8	-	-
	67	126.5	6.6	108.6	93.6	78.7	64.9	52.8	-	123.0	7.5	106.5	92.1	77.7	64.5	52.1	-
	62	121.9	6.7	121.9	107.3	92.4	76.7	66.6	53.7	117.9	7.7	117.9	104.5	90.4	75.6	63.7	50.3
3000	77	160.7	6.8	86.6	69.1	51.7	-	-	-	152.5	7.7	84.3	68.1	52.0	-	-	-
	72	146.3	6.7	101.7	85.4	69.1	52.8	-	-	140.1	7.6	99.1	83.7	68.3	52.8	-	-
	67	132.0	6.7	116.8	101.7	86.5	69.4	53.6	-	127.8	7.5	114.0	99.3	84.5	68.2	52.6	-
	62	128.7	6.7	128.2	116.1	104.0	85.1	70.7	54.1	124.2	7.7	124.0	112.4	100.8	83.1	67.7	51.2
	57	125.4	6.8	125.4	125.4	121.4	104.6	87.8	71.1	120.7	7.9	120.7	120.7	117.0	100.0	82.9	65.8
3500	77	162.4	6.8	100.0	76.1	52.2	-	-	-	153.4	7.7	96.4	74.1	51.8	-	-	-
	72	150.0	6.8	112.6	92.9	73.3	53.7	-	-	143.0	7.6	109.0	90.3	71.6	52.9	-	-
	67	137.5	6.7	125.1	109.7	94.4	74.0	54.5	-	132.6	7.6	121.5	106.5	91.4	72.0	53.0	-
	62	135.5	6.8	134.2	124.8	115.5	93.5	74.9	54.5	130.5	7.8	129.4	120.3	111.2	90.7	71.8	52.1
	57	133.4	6.9	133.4	133.4	131.4	115.9	95.2	74.6	128.4	7.9	128.4	128.4	128.4	110.8	90.6	70.4
4000	77	164.2	6.8	113.5	83.1	52.8	-	-	-	154.3	7.8	108.5	80.0	51.6	-	-	-
	72	153.6	6.8	123.4	100.5	77.5	54.6	-	-	145.9	7.7	118.8	96.9	74.9	53.0	-	-
	67	143.0	6.7	133.3	117.8	102.3	78.5	55.3	-	137.4	7.6	129.1	113.7	98.3	75.7	53.5	-
	62	142.2	6.8	140.1	133.6	127.0	101.9	79.0	55.0	136.8	7.8	134.8	128.2	121.6	98.2	75.9	53.0
	57	141.5	6.9	141.5	141.5	141.5	127.2	102.7	78.1	136.2	8.0	136.2	136.2	136.2	121.6	98.3	74.9
4500	72	157.2	6.8	134.3	108.0	81.7	55.5	-	-	148.7	7.7	128.6	103.4	78.3	53.1	-	-
	67	148.5	6.8	141.5	125.8	110.1	83.0	56.2	-	142.3	7.7	136.6	120.9	105.1	79.5	53.9	-
	62	149.0	6.9	146.1	142.3	138.5	110.3	83.1	55.4	143.1	7.8	140.1	136.1	132.0	105.7	80.0	53.9
	57	149.5	7.0	147.9	147.9	147.9	138.5	110.1	81.6	144.0	8.0	142.3	142.3	142.3	132.4	106.0	79.5
5000	72	160.9	6.8	145.1	115.5	86.0	56.4	-	-	151.6	7.8	138.4	110.0	81.6	53.2	-	-
	67	153.9	6.8	149.8	133.9	118.0	87.5	57.0	-	147.1	7.7	144.1	128.1	112.0	83.2	54.4	-
	62	155.8	6.9	152.0	151.1	150.1	118.7	87.3	55.8	149.4	7.9	145.5	144.0	142.4	113.2	84.0	54.8
	57	157.6	7.0	154.3	154.3	154.3	149.8	117.5	85.1	151.8	8.0	146.9	146.9	146.9	143.3	113.7	84.1

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 56: KL12 (10 ton, 115°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
2500	77	130.5	10.8	72.6	61.2	49.9	-	-	-	123.6	12.0	73.3	60.7	48.1	-	-	-
	72	116.9	10.9	86.6	73.1	59.6	46.1	-	-	109.5	12.2	86.0	71.4	56.9	42.3	-	-
	67	103.4	11.0	100.6	84.9	69.3	56.4	43.4	-	95.4	12.4	95.4	82.2	65.6	52.5	39.4	-
	62	103.1	11.4	103.1	91.3	79.0	66.7	54.3	42.0	97.7	12.8	97.7	86.1	74.4	62.7	51.1	39.5
3000	77	130.2	10.9	81.6	64.2	46.8	-	-	-	123.1	12.0	81.4	62.7	44.0	-	-	-
	72	119.1	10.9	93.3	77.1	61.0	44.9	-	-	111.7	12.2	91.6	74.7	57.8	41.0	-	-
	67	108.0	11.0	104.9	90.1	75.3	59.4	43.5	-	100.3	12.4	100.3	86.7	71.7	55.6	39.5	-
	62	108.1	11.4	107.5	98.5	89.5	73.9	58.2	42.6	102.2	12.8	101.3	93.4	85.5	70.2	55.0	39.7
	57	108.1	11.8	108.1	106.9	103.8	88.3	72.9	57.5	104.2	13.3	100.9	100.1	99.3	84.8	70.4	55.9
3500	77	129.9	10.9	90.6	67.2	43.8	-	-	-	122.7	12.1	89.5	64.7	39.9	-	-	-
	72	121.3	11.0	99.9	81.2	62.5	43.8	-	-	113.9	12.2	97.2	78.0	58.8	39.7	-	-
	67	112.6	11.0	109.2	95.2	81.3	62.4	43.6	-	105.1	12.4	104.8	91.3	77.7	58.7	39.6	-
	62	113.0	11.4	111.5	105.7	100.0	81.1	62.1	43.2	106.8	12.8	104.9	100.7	96.6	77.7	58.8	39.9
	57	113.5	11.8	113.5	113.5	113.5	99.7	80.6	61.5	108.5	13.2	104.9	104.9	104.9	96.7	78.0	59.2
4000	77	129.6	11.0	99.6	70.1	40.7	-	-	-	122.3	12.2	97.6	66.7	35.9	-	-	-
	72	123.4	11.0	106.5	85.3	64.0	42.7	-	-	116.1	12.3	102.7	81.3	59.8	38.3	-	-
	67	117.2	11.1	113.5	100.4	87.3	65.5	43.7	-	109.9	12.3	107.9	95.8	83.8	61.8	39.8	-
	62	118.0	11.4	115.4	113.0	110.5	88.3	66.0	43.8	111.3	12.8	108.4	108.1	107.7	85.2	62.7	40.1
	57	118.8	11.8	117.3	117.3	117.3	111.1	88.3	65.6	112.7	13.2	108.9	108.9	108.9	108.6	85.5	62.5
4500	72	125.6	11.1	113.2	89.3	65.5	41.6	-	-	118.3	12.3	108.3	84.6	60.8	37.0	-	-
	67	121.8	11.1	117.9	105.6	93.3	68.5	43.8	-	114.7	12.3	111.0	100.4	89.8	64.9	39.9	-
	62	123.0	11.5	119.4	119.4	119.4	95.5	69.9	44.4	115.8	12.8	112.0	112.0	112.0	92.7	66.5	40.3
	57	124.1	11.8	120.9	120.9	120.9	120.9	96.0	69.6	116.9	13.2	113.0	113.0	113.0	113.0	93.1	65.8
5000	72	127.8	11.1	119.8	93.4	66.9	40.5	-	-	120.5	12.3	113.9	87.8	61.8	35.7	-	-
	67	126.5	11.1	122.2	110.7	99.2	71.6	43.9	-	119.5	12.3	114.0	105.0	95.9	67.9	40.0	-
	62	127.9	11.5	123.3	123.3	123.3	102.7	73.8	45.0	120.3	12.8	115.5	115.5	115.5	100.2	70.4	40.6
	57	129.4	11.8	124.5	124.5	124.5	124.5	103.8	73.7	121.1	13.2	117.0	117.0	117.0	117.0	100.7	69.0

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 57: KL14 (12.5 ton, 75°F to 105°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
3200	77	178.8	8.8	92.3	74.0	55.8	-	-	-	169.1	9.8	90.9	71.6	52.4	-	-	-
	72	163.4	8.6	112.8	94.3	75.9	57.5	-	-	155.1	9.6	110.1	91.3	72.6	53.9	-	-
	67	148.0	8.3	133.2	114.6	96.0	76.7	59.3	-	141.2	9.4	129.3	111.1	92.8	73.7	55.6	-
	62	139.0	8.2	139.0	129.1	116.1	91.8	79.6	61.3	135.6	9.4	135.6	125.2	113.1	91.6	76.1	57.6
3750	77	181.7	8.7	101.7	80.3	58.8	-	-	-	172.4	9.7	100.4	78.2	56.0	-	-	-
	72	167.5	8.5	121.6	101.5	81.3	61.1	-	-	159.7	9.6	118.9	98.5	78.1	57.7	-	-
	67	153.4	8.3	141.5	122.6	103.7	82.4	62.6	-	146.9	9.4	137.4	118.8	100.2	79.3	59.2	-
	62	146.2	8.2	146.2	137.4	126.2	100.4	84.4	63.5	142.5	9.4	142.5	133.1	122.4	99.3	81.1	60.4
	57	139.1	8.2	139.1	139.1	139.1	127.3	106.1	84.8	138.0	9.3	138.0	138.0	138.0	123.7	103.0	82.2
4300	77	184.7	8.7	111.2	86.5	61.9	-	-	-	175.6	9.7	110.0	84.8	59.6	-	-	-
	72	171.7	8.5	130.5	108.6	86.7	64.7	-	-	164.2	9.5	127.8	105.7	83.6	61.6	-	-
	67	158.7	8.3	149.9	130.7	111.4	88.1	66.0	-	152.7	9.4	145.6	126.6	107.7	84.9	62.8	-
	62	153.4	8.3	153.4	145.7	136.2	109.0	89.1	65.6	149.4	9.4	149.4	141.1	131.7	107.1	86.1	63.3
	57	148.1	8.2	148.1	148.1	148.1	136.6	112.3	88.0	146.0	9.4	146.0	146.0	146.0	132.6	109.4	86.2
4900	77	187.7	8.6	120.6	92.8	65.0	-	-	-	178.8	9.6	119.6	91.4	63.2	-	-	-
	72	175.9	8.5	139.4	115.7	92.0	68.4	-	-	168.7	9.5	136.7	112.9	89.2	65.4	-	-
	67	164.1	8.3	158.2	138.7	119.1	93.8	69.3	-	158.5	9.4	153.7	134.4	115.1	90.5	66.4	-
	62	160.6	8.3	160.6	154.0	146.2	117.6	93.9	67.8	156.3	9.4	156.3	149.0	141.0	114.9	91.1	66.1
	57	157.1	8.2	157.1	157.1	157.1	145.9	118.5	91.2	154.1	9.4	154.1	154.1	154.1	141.4	115.8	90.2
5400	72	180.1	8.4	148.3	122.9	97.4	72.0	-	-	173.2	9.5	145.5	120.1	94.7	69.3	-	-
	67	169.5	8.3	166.6	146.7	126.8	99.5	72.6	-	164.3	9.4	161.9	142.2	122.5	96.1	70.0	-
	62	167.8	8.3	167.8	162.3	156.2	126.2	98.7	69.9	163.2	9.4	163.2	157.0	150.4	122.6	96.1	69.0
	57	166.1	8.3	166.1	166.1	166.1	155.1	124.7	94.3	162.1	9.4	162.1	162.1	162.1	150.2	122.2	94.2
6000	72	184.3	8.4	157.2	130.0	102.8	75.6	-	-	177.7	9.4	154.4	127.3	100.2	73.1	-	-
	67	174.9	8.3	174.9	154.7	134.5	105.2	75.9	-	170.0	9.4	170.0	150.0	129.9	101.8	73.6	-
	62	175.0	8.3	175.0	170.6	166.2	134.8	103.5	72.1	170.1	9.4	170.1	164.9	159.7	130.4	101.1	71.8
	57	175.1	8.3	175.1	175.1	175.1	164.4	131.0	97.5	170.1	9.4	170.1	170.1	170.1	159.1	128.6	98.2
		95°F								105°F							
3200	77	178.8	8.8	92.3	74.0	55.8	-	-	-	169.1	9.8	90.9	71.6	52.4	-	-	-
	72	163.4	8.6	112.8	94.3	75.9	57.5	-	-	155.1	9.6	110.1	91.3	72.6	53.9	-	-
	67	148.0	8.3	133.2	114.6	96.0	76.7	59.3	-	141.2	9.4	129.3	111.1	92.8	73.7	55.6	-
	62	139.0	8.2	139.0	129.1	116.1	91.8	79.6	61.3	135.6	9.4	135.6	125.2	113.1	91.6	76.1	57.6
3750	77	181.7	8.7	101.7	80.3	58.8	-	-	-	172.4	9.7	100.4	78.2	56.0	-	-	-
	72	167.5	8.5	121.6	101.5	81.3	61.1	-	-	159.7	9.6	118.9	98.5	78.1	57.7	-	-
	67	153.4	8.3	141.5	122.6	103.7	82.4	62.6	-	146.9	9.4	137.4	118.8	100.2	79.3	59.2	-
	62	146.2	8.2	146.2	137.4	126.2	100.4	84.4	63.5	142.5	9.4	142.5	133.1	122.4	99.3	81.1	60.4
	57	139.1	8.2	139.1	139.1	139.1	127.3	106.1	84.8	138.0	9.3	138.0	138.0	138.0	123.7	103.0	82.2
4300	77	184.7	8.7	111.2	86.5	61.9	-	-	-	175.6	9.7	110.0	84.8	59.6	-	-	-
	72	171.7	8.5	130.5	108.6	86.7	64.7	-	-	164.2	9.5	127.8	105.7	83.6	61.6	-	-
	67	158.7	8.3	149.9	130.7	111.4	88.1	66.0	-	152.7	9.4	145.6	126.6	107.7	84.9	62.8	-
	62	153.4	8.3	153.4	145.7	136.2	109.0	89.1	65.6	149.4	9.4	149.4	141.1	131.7	107.1	86.1	63.3
	57	148.1	8.2	148.1	148.1	148.1	136.6	112.3	88.0	146.0	9.4	146.0	146.0	146.0	132.6	109.4	86.2
4900	77	187.7	8.6	120.6	92.8	65.0	-	-	-	178.8	9.6	119.6	91.4	63.2	-	-	-
	72	175.9	8.5	139.4	115.7	92.0	68.4	-	-	168.7	9.5	136.7	112.9	89.2	65.4	-	-
	67	164.1	8.3	158.2	138.7	119.1	93.8	69.3	-	158.5	9.4	153.7	134.4	115.1	90.5	66.4	-
	62	160.6	8.3	160.6	154.0	146.2	117.6	93.9	67.8	156.3	9.4	156.3	149.0	141.0	114.9	91.1	66.1
	57	157.1	8.2	157.1	157.1	157.1	145.9	118.5	91.2	154.1	9.4	154.1	154.1	154.1	141.4	115.8	90.2
5400	72	180.1	8.4	148.3	122.9	97.4	72.0	-	-	173.2	9.5	145.5	120.1	94.7	69.3	-	-
	67	169.5	8.3	166.6	146.7	126.8	99.5	72.6	-	164.3	9.4	161.9	142.2	122.5	96.1	70.0	-
	62	167.8	8.3	167.8	162.3	156.2	126.2	98.7	69.9	163.2	9.4	163.2	157.0	150.4	122.6	96.1	69.0
	57	166.1	8.3	166.1	166.1	166.1	155.1	124.7	94.3	162.1	9.4	162.1	162.1	162.1	150.2	122.2	94.2
6000	72	184.3	8.4	157.2	130.0	102.8	75.6	-	-	177.7	9.4	154.4	127.3	100.2	73.1	-	-
	67	174.9	8.3	174.9	154.7	134.5	105.2	75.9	-	170.0	9.4	170.0	150.0	129.9	101.8	73.6	-
	62	175.0	8.3	175.0	170.6	166.2	134.8	103.5	72.1	170.1	9.4	170.1	164.9	159.7	130.4	101.1	71.8
	57	175.1	8.3	175.1	175.1	175.1	164.4	131.0	97.5	170.1	9.4	170.1	170.1	170.1	159.1	128.6	98.2

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 58: KL14 (12.5 ton, 115°F to 125°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		115°F								125°F							
3200	77	136.1	13.6	84.4	63.4	42.3	-	-	-	124.5	15.0	81.9	60.5	39.0	-	-	-
	72	127.1	13.6	99.1	80.3	61.5	42.7	-	-	117.2	15.1	95.0	76.3	57.6	38.9	-	-
	67	118.0	13.6	113.8	97.2	80.6	62.0	43.4	-	109.8	15.2	108.1	92.1	76.1	57.7	39.2	-
	62	116.2	13.7	116.0	107.9	99.8	81.4	63.0	44.6	108.3	15.2	107.7	101.2	94.7	76.4	58.2	39.9
3750	77	140.8	13.5	95.3	71.0	46.7	-	-	-	129.7	14.9	93.3	68.4	43.5	-	-	-
	72	132.9	13.5	108.5	88.1	67.6	47.2	-	-	123.5	15.0	104.6	84.3	64.0	43.6	-	-
	67	125.1	13.6	121.8	105.2	88.5	68.2	47.9	-	117.4	15.1	116.0	100.2	84.4	64.2	44.0	-
	62	123.6	13.6	123.5	116.5	109.5	89.3	69.0	48.8	116.1	15.2	115.7	110.3	104.9	84.8	64.7	44.5
	57	122.2	13.6	122.2	122.2	122.2	110.3	90.2	70.1	114.9	15.2	114.9	114.9	114.9	105.4	85.3	65.3
4300	77	145.5	13.4	106.1	78.6	51.1	-	-	-	135.0	14.7	104.7	76.3	47.9	-	-	-
	72	138.8	13.5	117.9	95.8	73.8	51.7	-	-	129.9	14.9	114.3	92.3	70.3	48.4	-	-
	67	132.2	13.5	129.7	113.1	96.5	74.4	52.4	-	124.9	15.0	123.8	108.3	92.7	70.7	48.8	-
	62	131.1	13.5	130.9	125.1	119.2	97.1	75.1	53.1	124.0	15.1	123.6	119.4	115.1	93.1	71.1	49.1
	57	130.0	13.6	130.0	130.0	130.0	119.8	97.8	75.8	123.0	15.1	123.0	123.0	123.0	115.5	93.5	71.5
4900	77	150.1	13.3	116.9	86.2	55.4	-	-	-	140.2	14.6	116.1	84.3	52.4	-	-	-
	72	144.7	13.4	127.3	103.6	79.9	56.2	-	-	136.3	14.8	123.9	100.3	76.7	53.1	-	-
	67	139.2	13.5	137.6	121.0	104.4	80.6	56.8	-	132.4	15.0	131.7	116.4	101.0	77.3	53.5	-
	62	138.5	13.5	138.4	133.6	128.9	105.0	81.1	57.3	131.8	15.0	131.5	128.4	125.3	101.5	77.6	53.7
	57	137.8	13.5	137.8	137.8	137.8	129.4	105.4	81.5	131.1	15.0	131.1	131.1	131.1	125.6	101.6	77.6
5400	72	150.5	13.3	136.6	111.3	86.0	60.7	-	-	142.7	14.7	133.6	108.3	83.1	57.8	-	-
	67	146.3	13.4	145.5	128.9	112.3	86.8	61.3	-	140.0	14.9	139.6	124.5	109.3	83.8	58.3	-
	62	145.9	13.4	145.9	142.2	138.5	112.9	87.2	61.5	139.6	14.9	139.5	137.5	135.5	109.8	84.0	58.3
	57	145.5	13.4	145.5	145.5	145.5	138.9	113.1	87.2	139.2	14.9	139.2	139.2	139.2	135.8	109.8	83.7
6000	72	156.4	13.3	146.0	119.1	92.2	65.2	-	-	149.1	14.6	143.2	116.3	89.5	62.6	-	-
	67	153.4	13.4	153.4	136.8	120.2	93.0	65.8	-	147.5	14.8	147.5	132.6	117.6	90.3	63.1	-
	62	153.3	13.4	153.3	150.8	148.2	120.7	93.2	65.7	147.4	14.8	147.4	146.6	145.8	118.1	90.5	62.9
	57	153.3	13.4	153.3	153.3	153.3	148.5	120.7	92.9	147.4	14.8	147.4	147.4	147.4	145.9	117.9	89.9

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Reheat performance

KY04 to 12 reheat capacities

Table 59: KY04 reheat capacity (3 ton, 35°F to 45°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total input[2] (kW)	Sensible capacity (MBh) Return dry bulb (°F) 90	85	80	75	70	65	Total capacity[1] (MBh)	Total input[2](kW)	Sensible capacity (MBh) Return dry bulb (°F) 90	85	80	75	70	65
35°F										45°F							
750	77	39.6	2.0	-21.8	-22.3	-22.7	-	-	-	35.3	2.1	-15.2	-15.7	-16.1	-	-	-
	72	28.7	2.0	-8.8	-9.2	-9.7	-10.1	-	-	26.9	2.0	-5.5	-6.0	-6.4	-6.8	-	-
	67	17.9	1.9	4.3	3.8	3.4	2.9	2.5	-	18.5	2.0	4.2	3.7	3.3	2.9	2.4	-
	62	13.8	2.0	13.8	13.8	13.8	13.8	13.8	13.8	13.4	2.0	13.4	13.4	13.4	13.4	13.4	13.4
900	77	34.6	2.0	-16.8	-17.1	-17.4	-	-	-	32.3	2.1	-12.3	-12.6	-13.0	-	-	-
	72	25.0	2.0	-6.9	-7.2	-7.5	-7.8	-	-	24.6	2.0	-4.5	-4.8	-5.2	-5.5	-	-
	67	15.4	1.9	3.0	2.7	2.4	2.1	1.8	-	16.9	2.0	3.4	3.0	2.7	2.3	2.0	-
	62	12.0	2.0	12.0	12.0	12.0	12.0	12.0	12.0	12.2	2.0	12.2	12.2	12.2	11.9	11.6	11.2
	57	9.2	2.0	9.2	9.2	9.2	8.9	8.6	8.3	9.8	2.0	9.8	9.8	9.8	9.4	9.1	8.7
1050	77	29.6	2.0	-11.9	-12.0	-12.2	-	-	-	29.3	2.0	-9.4	-9.6	-9.9	-	-	-
	72	21.3	2.0	-5.0	-5.2	-5.3	-5.5	-	-	22.3	2.0	-3.4	-3.7	-3.9	-4.2	-	-
	67	12.9	1.9	1.8	1.6	1.5	1.3	1.2	-	15.3	2.0	2.5	2.3	2.0	1.8	1.5	-
	62	10.1	2.0	9.6	9.8	10.0	9.9	9.7	9.6	11.1	2.0	9.5	9.4	9.3	9.1	8.8	8.6
	57	7.8	2.0	7.8	7.8	7.8	7.6	7.4	7.3	8.9	2.0	8.9	8.9	8.9	8.6	8.4	8.1
1200	77	24.7	2.0	-6.9	-6.9	-6.9	-	-	-	26.3	2.0	-6.4	-6.6	-6.8	-	-	-
	72	17.5	1.9	-3.2	-3.2	-3.2	-3.2	-	-	20.0	2.0	-2.4	-2.5	-2.7	-2.8	-	-
	67	10.4	1.9	0.5	0.5	0.5	0.5	0.5	-	13.8	2.0	1.7	1.5	1.4	1.2	1.1	-
	62	8.3	1.9	5.3	5.3	5.3	5.3	5.3	5.3	10.0	2.0	6.7	6.6	6.4	6.3	6.1	6.0
	57	6.3	1.9	6.3	6.3	6.3	6.3	6.3	6.3	7.9	2.0	7.9	7.9	7.9	7.8	7.6	7.5
1350	72	17.1	1.9	-3.0	-2.9	-2.9	-2.9	-	-	19.2	2.0	-2.3	-2.4	-2.6	-2.7	-	-
	67	10.2	1.9	0.3	0.4	0.4	0.4	0.4	-	13.2	1.9	1.6	1.5	1.3	1.2	1.0	-
	62	8.1	1.9	4.6	4.6	4.7	4.7	4.7	4.7	9.6	2.0	6.4	6.3	6.2	6.0	5.9	5.7
	57	6.2	1.9	6.2	6.2	6.1	6.1	6.1	6.1	7.6	2.0	7.6	7.6	7.6	7.4	7.3	7.2
1500	72	16.7	1.9	-2.8	-2.7	-2.7	-2.6	-	-	18.4	2.0	-2.2	-2.3	-2.4	-2.6	-	-
	67	10.0	1.9	0.1	0.2	0.2	0.3	0.3	-	12.7	1.9	1.5	1.4	1.3	1.1	1.0	-
	62	7.9	1.9	3.9	4.0	4.0	4.1	4.1	4.1	9.2	1.9	6.2	6.0	5.9	5.7	5.6	5.5
	57	6.0	1.9	6.0	6.0	5.9	5.9	6.0	6.0	7.3	2.0	7.3	7.3	7.2	7.1	7.0	6.8

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 60: KY04 reheat capacity (3 ton, 55°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total input[2] (kW)	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total input[2](kW)	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
55°F										65°F							
750	77	31.0	2.1	-8.6	-9.1	-9.5	-	-	-	32.2	2.2	-11.6	-12.0	-12.4	-	-	-
	72	25.1	2.1	-2.3	-2.7	-3.1	-3.5	-	-	25.4	2.1	-3.8	-4.2	-4.6	-5.1	-	-
	67	19.1	2.1	4.1	3.7	3.2	2.8	2.4	-	18.6	2.1	4.0	3.6	3.2	2.8	2.3	-
	62	13.0	2.1	11.7	11.3	10.9	10.4	10.0	9.6	12.8	2.1	12.9	12.7	12.5	12.1	11.7	11.2
900	77	30.0	2.1	-7.8	-8.1	-8.5	-	-	-	30.6	2.1	-9.8	-10.1	-10.5	-	-	-
	72	24.2	2.1	-2.0	-2.4	-2.8	-3.2	-	-	24.2	2.1	-3.2	-3.5	-3.9	-4.2	-	-
	67	18.4	2.1	3.7	3.3	2.9	2.5	2.1	-	17.7	2.1	3.4	3.1	2.7	2.4	2.0	-
	62	12.5	2.0	10.5	10.1	9.8	9.4	9.0	8.6	12.2	2.1	11.2	11.0	10.8	10.5	10.1	9.7
	57	10.3	2.0	10.3	10.3	10.3	9.9	9.6	9.2	9.8	2.1	9.8	9.8	9.8	9.4	9.1	8.7
1050	77	28.9	2.1	-6.9	-7.2	-7.6	-	-	-	29.1	2.1	-8.0	-8.2	-8.5	-	-	-
	72	23.3	2.1	-1.8	-2.2	-2.5	-2.8	-	-	23.0	2.1	-2.6	-2.8	-3.1	-3.4	-	-
	67	17.8	2.0	3.3	2.9	2.6	2.2	1.9	-	16.8	2.1	2.8	2.5	2.3	2.0	1.7	-
	62	12.1	2.0	9.3	9.0	8.7	8.3	8.0	7.6	11.6	2.0	9.5	9.3	9.1	8.8	8.5	8.2
	57	10.0	2.0	10.0	10.0	10.0	9.6	9.3	8.9	9.3	2.0	9.3	9.3	9.3	9.0	8.7	8.4
1200	77	27.9	2.1	-6.0	-6.3	-6.6	-	-	-	27.6	2.1	-6.1	-6.4	-6.6	-	-	-
	72	22.5	2.0	-1.6	-1.9	-2.2	-2.5	-	-	21.8	2.1	-2.0	-2.2	-2.4	-2.6	-	-
	67	17.1	2.0	2.9	2.6	2.3	2.0	1.7	-	16.0	2.1	2.2	2.0	1.8	1.6	1.3	-
	62	11.6	2.0	8.2	7.9	7.6	7.3	7.0	6.7	11.0	2.0	7.9	7.6	7.4	7.2	7.0	6.7
	57	9.6	2.0	9.6	9.6	9.6	9.3	9.0	8.7	8.8	2.0	8.8	8.8	8.8	8.6	8.4	8.2
1350	72	21.3	2.0	-1.6	-1.9	-2.2	-2.5	-	-	21.0	2.1	-2.1	-2.4	-2.7	-2.9	-	-
	67	16.2	2.0	2.9	2.6	2.3	2.0	1.7	-	15.4	2.0	2.4	2.2	1.9	1.7	1.4	-
	62	11.0	2.0	8.3	8.0	7.7	7.3	7.0	6.7	10.6	2.0	8.5	8.3	8.1	7.9	7.6	7.4
	57	9.1	2.0	9.1	9.1	9.1	8.8	8.5	8.2	8.5	2.0	8.5	8.5	8.5	8.3	8.0	7.7
1500	72	20.2	2.0	-1.6	-1.9	-2.2	-2.6	-	-	20.2	2.1	-2.3	-2.6	-2.9	-3.2	-	-
	67	15.4	2.0	3.0	2.6	2.3	2.0	1.7	-	14.8	2.0	2.6	2.4	2.1	1.8	1.5	-
	62	10.5	2.0	8.4	8.1	7.7	7.4	7.1	6.8	10.2	2.0	9.2	9.0	8.8	8.5	8.3	8.0
	57	8.6	2.0	8.6	8.6	8.6	8.3	8.0	7.6	8.2	2.0	8.2	8.2	8.2	7.9	7.6	7.3
75°F										85°F							
750	77	33.3	2.2	-14.5	-15.0	-15.4	-	-	-	34.4	2.3	-17.5	-17.9	-18.3	-	-	-
	72	25.7	2.2	-5.3	-5.7	-6.1	-6.6	-	-	26.0	2.2	-6.8	-7.2	-7.6	-8.1	-	-
	67	18.1	2.1	4.0	3.6	3.1	2.7	2.3	-	17.6	2.2	3.9	3.5	3.1	2.6	2.2	-
	62	12.6	2.1	12.6	12.6	12.6	12.6	12.6	12.6	12.5	2.1	12.6	12.6	12.6	12.6	12.6	12.6
900	77	31.3	2.2	-11.8	-12.1	-12.4	-	-	-	32.0	2.3	-13.8	-14.1	-14.4	-	-	-
	72	24.1	2.2	-4.3	-4.6	-5.0	-5.3	-	-	24.1	2.2	-5.4	-5.7	-6.0	-6.3	-	-
	67	17.0	2.1	3.2	2.9	2.5	2.2	1.9	-	16.3	2.2	3.0	2.7	2.3	2.0	1.7	-
	62	11.9	2.1	11.9	11.9	11.9	11.5	11.2	10.9	11.6	2.1	11.6	11.6	11.6	11.6	11.6	11.6
	57	9.3	2.1	9.3	9.3	9.3	8.9	8.6	8.3	8.7	2.1	8.7	8.7	8.7	8.4	8.1	7.8
1050	77	29.3	2.2	-9.0	-9.3	-9.5	-	-	-	29.5	2.2	-10.1	-10.3	-10.5	-	-	-
	72	22.6	2.1	-3.3	-3.5	-3.8	-4.0	-	-	22.3	2.2	-4.0	-4.2	-4.4	-4.6	-	-
	67	15.9	2.1	2.4	2.2	1.9	1.7	1.4	-	15.0	2.1	2.0	1.8	1.6	1.4	1.2	-
	62	11.1	2.1	9.7	9.6	9.6	9.3	9.1	8.8	10.7	2.1	9.9	10.0	10.0	9.8	9.6	9.4
	57	8.7	2.1	8.7	8.7	8.7	8.4	8.2	7.9	8.0	2.1	8.0	8.0	8.0	7.8	7.6	7.5
1200	77	27.3	2.2	-6.3	-6.4	-6.6	-	-	-	27.1	2.2	-6.4	-6.5	-6.5	-	-	-
	72	21.1	2.1	-2.3	-2.5	-2.6	-2.8	-	-	20.4	2.2	-2.7	-2.8	-2.8	-2.9	-	-
	67	14.8	2.1	1.6	1.5	1.3	1.2	1.0	-	13.7	2.1	1.0	0.9	0.9	0.8	0.7	-
	62	10.4	2.1	7.6	7.4	7.3	7.1	7.0	6.8	9.7	2.1	7.2	7.2	7.1	7.0	6.9	6.9
	57	8.1	2.0	8.1	8.1	8.1	7.9	7.8	7.6	7.3	2.1	7.3	7.3	7.3	7.3	7.2	7.1
1350	72	20.6	2.1	-2.7	-2.9	-3.1	-3.3	-	-	20.3	2.2	-3.3	-3.4	-3.6	-3.7	-	-
	67	14.5	2.1	2.0	1.8	1.6	1.4	1.2	-	13.6	2.1	1.5	1.4	1.2	1.1	1.0	-
	62	10.1	2.0	8.7	8.7	8.6	8.4	8.2	8.0	9.7	2.1	9.0	9.0	9.0	8.9	8.8	8.6
	57	7.9	2.0	7.9	7.9	7.9	7.7	7.5	7.3	7.3	2.0	7.3	7.3	7.3	7.2	7.0	6.9
1500	72	20.2	2.1	-3.1	-3.4	-3.6	-3.9	-	-	20.1	2.1	-3.9	-4.1	-4.3	-4.5	-	-
	67	14.2	2.1	2.3	2.1	1.8	1.6	1.4	-	13.6	2.1	2.0	1.8	1.6	1.4	1.2	-
	62	9.9	2.0	9.9	9.9	9.9	9.7	9.4	9.2	9.6	2.1	9.6	9.6	9.6	9.6	9.6	9.6
	57	7.7	2.0	7.7	7.7	7.7	7.5	7.2	7.0	7.3	2.0	7.3	7.3	7.3	7.1	6.9	6.7

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 61: KY05 reheat capacity (4 ton, 35°F to 65°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total input[2] (kW)	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total input[2](kW)	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
35°F										45°F							
1000	77	38.1	2.7	-10.2	-11.8	-13.4	-	-	-	40.8	2.8	-6.8	-8.3	-9.8	-	-	-
	72	33.8	2.7	1.9	0.3	-1.3	-2.9	-	-	35.2	2.8	3.1	1.6	0.1	-1.4	-	-
	67	29.5	2.7	14.0	12.4	10.8	9.2	7.6	-	29.6	2.8	13.0	11.5	10.1	8.6	7.1	-
	62	25.2	2.7	25.2	25.2	25.2	24.0	22.4	20.8	23.7	2.8	23.7	22.9	21.4	19.9	18.4	16.9
1200	77	33.9	2.7	-9.0	-10.2	-11.5	-	-	-	38.3	2.8	-6.1	-7.5	-8.8	-	-	-
	72	30.2	2.7	1.3	0.0	-1.3	-2.5	-	-	33.0	2.8	2.7	1.4	0.1	-1.2	-	-
	67	26.4	2.7	11.5	10.3	9.0	7.7	6.5	-	27.8	2.8	11.6	10.3	9.0	7.7	6.4	-
	62	22.7	2.7	22.7	22.7	21.7	20.5	19.2	17.9	22.2	2.8	21.8	20.4	19.1	17.8	16.5	15.2
	57	18.7	2.7	18.7	18.7	18.7	17.5	16.2	14.9	19.1	2.8	19.1	19.1	19.1	17.8	16.5	15.1
1400	77	29.7	2.7	-7.8	-8.7	-9.7	-	-	-	35.7	2.8	-5.5	-6.6	-7.8	-	-	-
	72	26.5	2.7	0.6	-0.3	-1.2	-2.2	-	-	30.8	2.8	2.4	1.2	0.1	-1.0	-	-
	67	23.4	2.7	9.1	8.1	7.2	6.3	5.3	-	25.9	2.8	10.2	9.1	7.9	6.8	5.7	-
	62	20.2	2.6	19.7	18.8	17.8	16.9	16.0	15.0	20.7	2.7	19.2	18.0	16.9	15.7	14.6	13.5
	57	16.6	2.7	16.6	16.6	16.6	15.7	14.7	13.8	17.8	2.7	17.8	17.8	17.8	16.7	15.5	14.4
1600	77	25.5	2.7	-6.6	-7.2	-7.8	-	-	-	33.2	2.7	-4.8	-5.7	-6.7	-	-	-
	72	22.9	2.7	0.0	-0.6	-1.2	-1.8	-	-	28.7	2.7	2.0	1.1	0.1	-0.9	-	-
	67	20.3	2.7	6.6	6.0	5.4	4.8	4.2	-	24.1	2.7	8.8	7.9	6.9	5.9	4.9	-
	62	17.7	2.6	15.1	14.5	13.9	13.3	12.7	12.1	19.3	2.7	16.6	15.6	14.7	13.7	12.7	11.7
	57	14.5	2.6	14.5	14.5	14.5	13.9	13.3	12.7	16.6	2.7	16.6	16.6	16.6	15.6	14.6	13.6
1800	72	20.0	2.6	-0.6	-0.9	-1.2	-1.5	-	-	26.4	2.7	1.7	0.9	0.1	-0.7	-	-
	67	17.8	2.6	4.3	4.0	3.7	3.4	3.1	-	22.2	2.7	7.5	6.7	5.9	5.1	4.3	-
	62	15.7	2.6	10.7	10.4	10.1	9.8	9.5	9.2	17.8	2.7	14.0	13.3	12.5	11.7	10.9	10.1
	57	12.7	2.6	11.6	11.0	10.3	10.0	9.7	9.4	15.3	2.7	14.7	14.4	14.1	13.3	12.5	11.7
2000	72	17.1	2.6	-1.1	-1.1	-1.2	-1.2	-	-	24.2	2.7	1.3	0.7	0.1	-0.6	-	-
	67	15.3	2.6	1.9	1.9	1.9	1.9	1.9	-	20.4	2.7	6.1	5.4	4.8	4.2	3.6	-
	62	13.6	2.6	6.3	6.3	6.3	6.3	6.3	6.3	16.3	2.6	11.5	10.9	10.3	9.6	9.0	8.4
	57	11.0	2.6	8.7	7.4	6.2	6.2	6.2	6.2	14.0	2.6	12.8	12.2	11.6	11.0	10.4	9.8
55°F										65°F							
1000	77	43.5	3.0	-3.5	-4.9	-6.3	-	-	-	39.4	3.2	-4.7	-5.9	-7.0	-	-	-
	72	36.6	2.9	4.3	2.9	1.5	0.2	-	-	33.5	3.1	2.8	1.7	0.5	-0.7	-	-
	67	29.7	2.9	12.1	10.7	9.3	7.9	6.6	-	27.6	3.0	10.4	9.2	8.0	6.8	5.6	-
	62	22.1	2.9	19.9	18.5	17.1	15.7	14.4	13.0	20.7	3.0	17.3	16.1	14.9	13.7	12.5	11.3
1200	77	42.6	2.9	-3.3	-4.7	-6.0	-	-	-	39.1	3.1	-4.7	-6.0	-7.2	-	-	-
	72	35.9	2.9	4.2	2.8	1.5	0.1	-	-	33.3	3.0	2.9	1.7	0.4	-0.8	-	-
	67	29.1	2.9	11.7	10.4	9.0	7.6	6.3	-	27.5	2.9	10.6	9.3	8.1	6.9	5.6	-
	62	21.7	2.9	19.3	17.9	16.5	15.2	13.8	12.4	20.6	2.9	17.5	16.3	15.1	13.8	12.6	11.4
	57	19.4	2.8	19.4	19.4	19.4	18.1	16.7	15.3	18.3	2.9	18.3	17.9	17.3	16.1	14.9	13.6
1400	77	41.8	2.9	-3.1	-4.5	-5.8	-	-	-	38.8	3.0	-4.8	-6.1	-7.4	-	-	-
	72	35.1	2.8	4.1	2.8	1.4	0.1	-	-	33.1	2.9	3.0	1.7	0.4	-0.9	-	-
	67	28.5	2.8	11.4	10.0	8.7	7.3	6.0	-	27.3	2.9	10.8	9.5	8.2	6.9	5.6	-
	62	21.2	2.8	18.7	17.3	16.0	14.6	13.2	11.9	20.4	2.8	17.8	16.5	15.3	14.0	12.7	11.4
	57	19.0	2.8	19.0	19.0	19.0	17.7	16.3	15.0	18.2	2.8	18.2	18.0	17.7	16.4	15.1	13.8
1600	77	40.9	2.8	-2.9	-4.3	-5.6	-	-	-	38.6	2.9	-4.9	-6.2	-7.6	-	-	-
	72	34.4	2.8	4.1	2.7	1.4	0.0	-	-	32.9	2.9	3.0	1.7	0.3	-1.0	-	-
	67	27.9	2.8	11.1	9.7	8.4	7.0	5.7	-	27.1	2.8	11.0	9.6	8.3	6.9	5.6	-
	62	20.8	2.8	18.1	16.7	15.4	14.0	12.7	11.3	20.3	2.8	18.1	16.8	15.4	14.1	12.8	11.4
	57	18.6	2.7	18.6	18.6	18.6	17.3	15.9	14.6	18.0	2.8	18.0	18.0	18.0	16.6	15.3	14.0
1800	72	32.9	2.8	3.9	2.6	1.3	0.0	-	-	31.7	2.8	3.0	1.6	0.3	-1.0	-	-
	67	26.7	2.7	10.6	9.3	8.1	6.8	5.5	-	26.2	2.8	10.8	9.5	8.2	6.9	5.6	-
	62	19.9	2.7	17.4	16.1	14.8	13.5	12.2	10.9	19.6	2.7	17.9	16.6	15.3	14.0	12.7	11.4
	57	17.8	2.7	17.8	17.8	17.8	16.5	15.2	14.0	17.4	2.7	17.4	17.4	17.4	16.1	14.7	13.4
2000	72	31.4	2.7	3.7	2.5	1.3	0.0	-	-	30.5	2.8	2.9	1.6	0.3	-1.0	-	-
	67	25.5	2.7	10.2	9.0	7.7	6.5	5.3	-	25.2	2.7	10.7	9.4	8.1	6.8	5.5	-
	62	18.9	2.7	16.7	15.4	14.2	13.0	11.8	10.5	18.9	2.7	17.8	16.5	15.2	13.9	12.6	11.3
	57	17.0	2.7	17.0	17.0	17.0	15.8	14.5	13.3	16.8	2.7	16.8	16.8	16.8	15.5	14.2	12.9

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 62: KY05 reheat capacity (4 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total input[2] (kW)	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total input[2](kW)	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
75°F										85°F							
1000	77	35.2	3.4	-5.8	-6.8	-7.8	-	-	-	31.0	3.6	-7.0	-7.8	-8.6	-	-	-
	72	30.4	3.2	1.4	0.4	-0.6	-1.6	-	-	27.3	3.4	0.0	-0.8	-1.6	-2.4	-	-
	67	25.6	3.1	8.7	7.7	6.7	5.7	4.7	-	23.5	3.2	7.0	6.2	5.4	4.6	3.8	-
	62	19.3	3.1	14.7	13.7	12.7	11.7	10.7	9.7	17.8	3.1	12.1	11.3	10.5	9.7	8.9	8.1
1200	77	35.6	3.3	-6.2	-7.3	-8.4	-	-	-	32.0	3.5	-7.6	-8.6	-9.6	-	-	-
	72	30.7	3.1	1.6	0.5	-0.6	-1.7	-	-	28.1	3.3	0.3	-0.7	-1.6	-2.6	-	-
	67	25.8	3.0	9.4	8.3	7.2	6.1	5.0	-	24.2	3.1	8.2	7.2	6.3	5.3	4.3	-
	62	19.5	3.0	15.8	14.7	13.6	12.5	11.4	10.3	18.4	3.0	14.1	13.1	12.2	11.2	10.2	9.2
	57	17.1	3.0	17.1	16.3	15.2	14.1	13.0	11.9	16.0	3.0	16.0	14.8	13.1	12.2	11.2	10.2
1400	77	35.9	3.2	-6.5	-7.7	-9.0	-	-	-	33.0	3.3	-8.2	-9.4	-10.5	-	-	-
	72	31.0	3.0	1.8	0.6	-0.6	-1.9	-	-	28.9	3.1	0.6	-0.5	-1.7	-2.8	-	-
	67	26.1	2.9	10.1	8.9	7.7	6.5	5.2	-	24.9	2.9	9.5	8.3	7.2	6.0	4.9	-
	62	19.7	2.9	17.0	15.8	14.6	13.3	12.1	10.9	18.9	2.9	16.1	15.0	13.8	12.7	11.5	10.4
	57	17.3	2.9	17.3	16.9	16.3	15.1	13.8	12.6	16.4	2.9	16.4	15.8	14.9	13.8	12.6	11.5
1600	77	36.3	3.1	-6.9	-8.2	-9.5	-	-	-	34.0	3.2	-8.8	-10.2	-11.5	-	-	-
	72	31.3	2.9	2.0	0.6	-0.7	-2.0	-	-	29.8	3.0	0.9	-0.4	-1.7	-3.1	-	-
	67	26.3	2.8	10.8	9.5	8.2	6.8	5.5	-	25.6	2.8	10.7	9.4	8.1	6.7	5.4	-
	62	19.9	2.8	18.2	16.8	15.5	14.2	12.8	11.5	19.4	2.8	18.2	16.9	15.5	14.2	12.9	11.6
	57	17.5	2.8	17.5	17.5	17.3	16.0	14.7	13.3	16.9	2.8	16.9	16.9	16.7	15.4	14.0	12.7
1800	72	30.5	2.9	2.0	0.6	-0.7	-2.1	-	-	29.3	3.0	1.1	-0.3	-1.7	-3.1	-	-
	67	25.7	2.8	11.1	9.7	8.4	7.0	5.6	-	25.1	2.8	11.3	9.9	8.5	7.1	5.7	-
	62	19.3	2.7	18.5	17.2	15.8	14.5	13.1	11.8	19.1	2.7	19.0	17.8	16.4	15.0	13.6	12.2
	57	17.0	2.7	17.0	17.0	16.9	15.6	14.2	12.9	16.6	2.7	16.6	16.6	16.5	15.1	13.7	12.3
2000	72	29.7	2.8	2.0	0.7	-0.7	-2.1	-	-	28.8	2.9	1.2	-0.3	-1.7	-3.2	-	-
	67	25.0	2.7	11.3	9.9	8.5	7.2	5.8	-	24.7	2.7	11.8	10.4	8.9	7.5	6.0	-
	62	18.8	2.7	18.8	17.6	16.2	14.8	13.5	12.1	18.8	2.7	18.8	18.6	17.2	15.7	14.3	12.8
	57	16.6	2.7	16.6	16.6	16.6	15.2	13.8	12.4	16.3	2.7	16.3	16.3	16.3	14.9	13.4	12.0

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 63: KY06 reheat capacity (5 ton, 35°F to 65°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total input[2] (kW)	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total input[2](kW)	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
35°F										45°F							
1250	77	41.4	3.1	-2.0	-2.8	-3.7	-	-	-	42.4	3.4	-1.5	-2.3	-3.1	-	-	-
	72	33.1	3.1	2.9	2.1	1.2	0.3	-	-	34.9	3.3	3.1	2.3	1.5	0.6	-	-
	67	24.7	3.0	7.8	7.0	6.1	5.2	4.3	-	27.3	3.3	7.7	6.9	6.0	5.2	4.4	-
	62	18.0	3.0	13.7	12.8	11.9	11.1	10.2	9.3	20.5	3.2	13.1	12.2	11.4	10.6	9.8	8.9
1500	77	40.4	3.1	-2.3	-3.2	-4.1	-	-	-	42.7	3.3	-1.7	-2.7	-3.7	-	-	-
	72	32.2	3.0	3.0	2.1	1.2	0.3	-	-	35.1	3.2	3.7	2.7	1.7	0.7	-	-
	67	24.0	3.0	8.3	7.4	6.5	5.6	4.8	-	27.5	3.2	9.2	8.2	7.2	6.2	5.2	-
	62	17.4	3.0	14.7	13.8	12.9	12.0	11.1	10.3	20.7	3.1	15.6	14.6	13.6	12.5	11.5	10.5
	57	15.9	3.0	14.8	13.9	13.0	12.1	11.2	10.4	18.6	3.1	16.4	15.3	14.3	13.3	12.3	11.3
1750	77	39.3	3.0	-2.7	-3.6	-4.5	-	-	-	43.0	3.2	-1.9	-3.1	-4.3	-	-	-
	72	31.2	3.0	3.0	2.1	1.2	0.3	-	-	35.4	3.1	4.4	3.2	2.0	0.8	-	-
	67	23.2	2.9	8.8	7.9	7.0	6.1	5.2	-	27.7	3.1	10.7	9.5	8.3	7.1	6.0	-
	62	16.8	2.9	15.7	14.8	13.9	13.0	12.1	11.2	20.8	3.1	18.1	16.9	15.7	14.5	13.3	12.1
	57	15.3	3.0	14.8	14.4	13.9	13.0	12.1	11.2	18.8	3.1	17.6	17.1	16.6	15.4	14.2	13.1
2000	77	38.2	3.0	-3.1	-4.0	-4.9	-	-	-	43.3	3.1	-2.2	-3.5	-4.9	-	-	-
	72	30.3	2.9	3.1	2.2	1.2	0.3	-	-	35.6	3.0	5.0	3.6	2.3	0.9	-	-
	67	22.4	2.9	9.3	8.3	7.4	6.5	5.6	-	27.9	3.0	12.2	10.8	9.5	8.1	6.7	-
	62	16.2	2.9	16.2	15.8	14.9	14.0	13.1	12.2	20.9	3.0	20.6	19.2	17.8	16.5	15.1	13.8
	57	14.8	2.9	14.8	14.8	14.8	13.9	13.0	12.1	18.9	3.0	18.9	18.9	18.9	17.5	16.2	14.8
2250	72	24.0	3.0	0.8	0.6	0.3	0.0	-	-	30.9	3.1	3.5	2.6	1.6	0.7	-	-
	67	17.6	2.9	3.8	3.6	3.3	3.0	2.8	-	24.2	3.0	8.7	7.8	6.8	5.9	4.9	-
	62	12.6	2.9	7.6	7.3	7.0	6.7	6.5	6.2	18.2	3.0	14.8	13.8	12.9	11.9	11.0	10.0
	57	11.6	2.9	7.2	6.6	6.6	6.3	6.0	5.7	16.4	3.0	14.2	13.9	13.6	12.7	11.7	10.8
2500	72	17.7	3.0	-1.4	-1.0	-0.6	-0.3	-	-	26.2	3.1	2.1	1.6	1.0	0.5	-	-
	67	12.7	2.9	-1.6	-1.2	-0.8	-0.5	-0.1	-	20.5	3.1	5.3	4.7	4.2	3.7	3.1	-
	62	9.0	3.0	-1.6	-1.2	-0.9	-0.5	-0.2	0.2	15.4	3.0	9.0	8.5	7.9	7.4	6.9	6.3
	57	8.3	3.0	-0.5	-1.6	-1.7	-1.3	-1.0	-0.6	13.9	3.0	9.5	8.9	8.4	7.9	7.3	6.8
55°F										65°F							
1250	77	43.5	3.6	-1.0	-1.8	-2.5	-	-	-	42.6	3.7	-3.2	-3.8	-4.5	-	-	-
	72	36.7	3.5	3.3	2.5	1.7	1.0	-	-	35.4	3.7	1.5	0.9	0.2	-0.4	-	-
	67	29.9	3.5	7.6	6.8	6.0	5.2	4.5	-	28.3	3.6	6.2	5.6	4.9	4.3	3.7	-
	62	23.0	3.4	12.4	11.7	10.9	10.1	9.3	8.6	21.3	3.5	11.4	10.8	10.2	9.5	8.9	8.3
1500	77	45.1	3.4	-1.1	-2.2	-3.3	-	-	-	43.4	3.6	-3.8	-4.7	-5.6	-	-	-
	72	38.1	3.4	4.5	3.4	2.3	1.1	-	-	36.2	3.5	2.1	1.2	0.3	-0.5	-	-
	67	31.1	3.4	10.1	8.9	7.8	6.7	5.6	-	28.9	3.5	8.1	7.2	6.3	5.4	4.5	-
	62	23.9	3.3	16.4	15.3	14.2	13.1	11.9	10.8	21.7	3.4	14.7	13.8	12.9	12.1	11.2	10.3
	57	21.4	3.3	17.9	16.8	15.7	14.5	13.4	12.3	19.8	3.4	16.2	15.3	14.4	13.5	12.6	11.7
1750	77	46.8	3.3	-1.1	-2.6	-4.1	-	-	-	44.3	3.5	-4.5	-5.6	-6.8	-	-	-
	72	39.5	3.3	5.7	4.3	2.8	1.3	-	-	36.9	3.4	2.8	1.6	0.5	-0.7	-	-
	67	32.2	3.2	12.6	11.1	9.7	8.2	6.7	-	29.5	3.4	10.0	8.8	7.7	6.6	5.4	-
	62	24.8	3.2	20.4	18.9	17.5	16.0	14.5	13.1	22.2	3.3	18.0	16.9	15.7	14.6	13.4	12.3
	57	22.2	3.2	20.4	19.9	19.3	17.8	16.4	14.9	20.2	3.3	18.4	17.9	17.5	16.3	15.2	14.1
2000	77	48.4	3.2	-1.2	-3.0	-4.8	-	-	-	45.2	3.4	-5.1	-6.5	-7.9	-	-	-
	72	40.9	3.1	6.9	5.1	3.3	1.5	-	-	37.6	3.3	3.4	2.0	0.6	-0.8	-	-
	67	33.3	3.1	15.1	13.3	11.5	9.7	7.8	-	30.1	3.2	11.9	10.5	9.1	7.7	6.3	-
	62	25.6	3.0	24.4	22.6	20.8	19.0	17.1	15.3	22.6	3.2	21.3	19.9	18.5	17.1	15.7	14.3
	57	22.9	3.0	22.9	22.9	22.9	21.1	19.3	17.5	20.6	3.2	20.6	20.6	20.6	19.2	17.8	16.4
2250	72	37.8	3.2	6.2	4.6	3.0	1.4	-	-	36.1	3.3	3.1	1.6	0.2	-1.2	-	-
	67	30.8	3.1	13.6	12.0	10.4	8.7	7.1	-	28.9	3.2	11.9	10.5	9.1	7.7	6.3	-
	62	23.7	3.1	22.0	20.4	18.8	17.1	15.5	13.9	21.7	3.2	20.5	19.4	18.4	17.0	15.5	14.1
	57	21.2	3.1	21.2	21.2	20.7	19.1	17.5	15.8	19.7	3.2	19.7	19.7	19.5	18.1	16.7	15.2
2500	72	34.7	3.2	5.6	4.1	2.7	1.2	-	-	34.6	3.3	2.7	1.3	-0.1	-1.5	-	-
	67	28.3	3.2	12.1	10.7	9.3	7.8	6.4	-	27.6	3.2	12.0	10.5	9.1	7.7	6.2	-
	62	21.8	3.1	19.6	18.2	16.8	15.3	13.9	12.4	20.7	3.2	19.7	18.9	18.2	16.8	15.4	13.9
	57	19.5	3.1	19.5	19.5	18.5	17.1	15.6	14.2	18.9	3.2	18.9	18.9	18.4	17.0	15.5	14.1

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 64: KY06 reheat capacity (5 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total input[2] (kW)	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total input[2](kW)	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
75°F										85°F							
1250	77	41.7	3.9	-5.4	-5.9	-6.4	-	-	-	40.8	4.0	-7.6	-8.0	-8.3	-	-	-
	72	34.2	3.8	-0.3	-0.8	-1.3	-1.7	-	-	32.9	3.9	-2.0	-2.4	-2.8	-3.1	-	-
	67	26.7	3.7	4.9	4.4	3.9	3.4	2.9	-	25.1	3.8	3.5	3.2	2.8	2.5	2.1	-
	62	19.5	3.7	10.4	9.9	9.4	8.9	8.5	8.0	17.8	3.8	9.4	9.1	8.7	8.4	8.0	7.7
1500	77	41.8	3.8	-6.6	-7.3	-7.9	-	-	-	40.1	3.9	-9.4	-9.8	-10.2	-	-	-
	72	34.3	3.7	-0.2	-0.9	-1.6	-2.2	-	-	32.3	3.8	-2.6	-3.0	-3.5	-3.9	-	-
	67	26.7	3.6	6.1	5.5	4.8	4.2	3.5	-	24.6	3.7	4.2	3.7	3.3	2.9	2.4	-
	62	19.6	3.6	13.0	12.4	11.7	11.1	10.4	9.7	17.4	3.7	11.4	10.9	10.5	10.1	9.6	9.2
	57	18.2	3.5	14.5	13.8	13.1	12.5	11.8	11.2	16.6	3.7	12.7	12.3	11.9	11.4	11.0	10.6
1750	77	41.9	3.6	-7.8	-8.6	-9.5	-	-	-	39.4	3.8	-11.2	-11.7	-12.2	-	-	-
	72	34.3	3.6	-0.2	-1.0	-1.9	-2.7	-	-	31.8	3.7	-3.2	-3.7	-4.2	-4.7	-	-
	67	26.8	3.5	7.4	6.6	5.8	4.9	4.1	-	24.1	3.6	4.8	4.3	3.8	3.3	2.8	-
	62	19.6	3.4	15.7	14.8	14.0	13.2	12.3	11.5	17.0	3.6	13.3	12.8	12.3	11.7	11.2	10.7
	57	18.2	3.4	16.3	16.0	15.7	14.9	14.0	13.2	16.2	3.6	14.3	14.1	13.9	13.4	12.9	12.3
2000	77	41.9	3.5	-9.0	-10.0	-11.0	-	-	-	38.7	3.7	-12.9	-13.5	-14.1	-	-	-
	72	34.4	3.4	-0.2	-1.2	-2.2	-3.2	-	-	31.2	3.6	-3.7	-4.3	-4.9	-5.5	-	-
	67	26.9	3.4	8.7	7.7	6.7	5.7	4.7	-	23.6	3.5	5.5	4.9	4.3	3.7	3.1	-
	62	19.6	3.3	18.3	17.3	16.3	15.3	14.3	13.3	16.6	3.5	15.2	14.6	14.0	13.4	12.8	12.2
	57	18.2	3.3	18.2	18.2	18.2	17.2	16.2	15.2	15.9	3.5	15.9	15.9	15.9	15.3	14.7	14.1
2250	72	34.5	3.4	-0.1	-1.3	-2.5	-3.7	-	-	32.8	3.5	-3.3	-4.3	-5.3	-6.3	-	-
	67	26.9	3.3	10.2	9.0	7.8	6.6	5.4	-	24.9	3.4	8.5	7.5	6.5	5.5	4.5	-
	62	19.7	3.3	19.0	18.5	18.0	16.8	15.6	14.4	17.6	3.4	17.5	17.5	17.6	16.6	15.6	14.6
	57	18.3	3.3	18.3	18.3	18.3	17.1	15.9	14.6	16.8	3.4	16.8	16.8	16.8	16.0	15.0	14.0
2500	72	34.5	3.4	-0.1	-1.5	-2.9	-4.3	-	-	34.4	3.4	-2.9	-4.3	-5.7	-7.1	-	-
	67	26.9	3.3	11.8	10.4	8.9	7.5	6.1	-	26.3	3.3	11.6	10.2	8.8	7.4	6.0	-
	62	19.7	3.3	19.7	19.7	19.7	18.3	16.9	15.4	18.7	3.3	18.7	18.7	18.7	18.7	18.3	16.9
	57	18.3	3.2	18.3	18.3	18.3	16.9	15.5	14.0	17.7	3.3	17.7	17.7	17.7	16.8	15.4	14.0

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 65: KYA7 reheat capacity (6 ton, 35°F to 65°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total input[2] (kW)	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total input[2](kW)	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
35°F										45°F							
1500	77	59.8	3.7	-17.9	-17.7	-17.6	-	-	-	58.1	3.9	-14.6	-14.8	-14.9	-	-	-
	72	44.4	3.6	-9.2	-9.0	-8.9	-8.8	-	-	45.4	3.8	-6.1	-6.2	-6.4	-6.6	-	-
	67	29.1	3.5	-0.5	-0.4	-0.2	-0.1	0.0	-	32.6	3.7	2.5	2.3	2.1	2.0	1.8	-
	62	31.5	3.7	21.6	21.8	21.9	22.1	22.2	22.3	29.8	3.7	19.0	18.8	18.7	18.5	18.3	18.2
1800	77	54.1	3.7	-16.5	-16.3	-16.1	-	-	-	54.7	3.8	-14.4	-14.6	-14.7	-	-	-
	72	40.1	3.6	-8.9	-8.6	-8.4	-8.2	-	-	42.7	3.7	-6.0	-6.1	-6.3	-6.5	-	-
	67	26.0	3.5	-1.2	-0.9	-0.7	-0.5	-0.3	-	30.7	3.6	2.5	2.3	2.1	1.9	1.8	-
	62	28.6	3.6	19.6	19.8	20.1	20.3	20.5	20.7	28.1	3.7	18.8	18.6	18.5	18.3	18.1	17.9
	57	31.9	3.7	30.1	30.3	30.5	30.7	31.0	31.2	28.4	3.7	25.8	25.6	25.5	25.3	25.1	24.9
2100	77	48.5	3.6	-15.2	-14.9	-14.6	-	-	-	51.3	3.8	-14.2	-14.4	-14.6	-	-	-
	72	35.7	3.5	-8.5	-8.2	-7.9	-7.6	-	-	40.1	3.7	-5.9	-6.1	-6.2	-6.4	-	-
	67	22.9	3.5	-1.8	-1.5	-1.2	-0.9	-0.6	-	28.8	3.6	2.5	2.3	2.1	1.9	1.7	-
	62	25.7	3.6	17.6	17.9	18.2	18.5	18.8	19.1	26.3	3.6	18.6	18.4	18.2	18.1	17.9	17.7
	57	28.9	3.6	28.0	28.1	28.2	28.5	28.8	28.9	26.7	3.6	25.3	25.3	25.2	25.0	24.8	24.6
2400	77	42.8	3.6	-13.9	-13.5	-13.1	-	-	-	47.9	3.8	-14.0	-14.2	-14.4	-	-	-
	72	31.3	3.5	-8.2	-7.8	-7.4	-7.0	-	-	37.4	3.7	-5.8	-6.0	-6.2	-6.4	-	-
	67	19.9	3.4	-2.4	-2.0	-1.7	-1.3	-0.9	-	26.9	3.6	2.5	2.3	2.1	1.9	1.7	-
	62	22.8	3.5	15.5	15.9	16.3	16.7	17.1	17.5	24.6	3.6	18.4	18.2	18.0	17.8	17.6	17.4
	57	25.9	3.6	25.9	25.9	25.9	25.9	25.9	25.9	24.9	3.6	24.9	24.9	24.9	24.7	24.5	24.3
2700	72	29.0	3.5	-13.5	-13.1	-12.6	-12.1	-	-	36.6	3.7	-9.1	-9.5	-9.9	-10.2	-	-
	67	18.1	3.4	-2.6	-2.2	-1.7	-1.2	-0.8	-	26.3	3.6	4.1	3.7	3.3	2.9	2.5	-
	62	21.3	3.5	17.6	17.8	18.0	18.5	19.0	19.4	24.1	3.6	21.0	20.9	20.8	20.4	20.0	19.7
	57	24.4	3.6	24.4	24.4	24.4	24.4	24.4	24.4	24.4	3.6	24.4	24.4	24.4	24.0	23.6	23.2
3000	72	26.6	3.4	-18.9	-18.3	-17.8	-17.3	-	-	35.9	3.6	-12.4	-13.0	-13.5	-14.1	-	-
	67	16.3	3.4	-2.8	-2.3	-1.7	-1.2	-0.7	-	25.8	3.5	5.7	5.1	4.5	4.0	3.4	-
	62	19.7	3.5	19.7	19.7	19.7	19.7	19.7	19.7	23.6	3.6	23.6	23.6	23.6	23.0	22.5	21.9
	57	22.9	3.5	22.9	22.9	22.9	22.9	22.9	22.9	23.9	3.6	23.9	23.9	23.9	23.3	22.8	22.2
55°F										65°F							
1500	77	56.5	4.0	-11.3	-11.8	-12.3	-	-	-	54.2	4.2	-7.7	-8.0	-8.3	-	-	-
	72	46.3	3.9	-2.9	-3.4	-3.9	-4.3	-	-	44.4	4.1	-1.9	-2.2	-2.5	-2.8	-	-
	67	36.1	3.8	5.5	5.0	4.5	4.1	3.6	-	34.5	4.0	3.9	3.6	3.3	3.0	2.7	-
	62	28.1	3.7	16.4	15.9	15.4	15.0	14.5	14.0	26.0	3.9	10.9	10.6	10.3	10.0	9.7	9.4
1800	77	55.3	4.0	-12.3	-12.8	-13.4	-	-	-	53.8	4.2	-9.7	-10.2	-10.7	-	-	-
	72	45.3	3.9	-3.1	-3.7	-4.2	-4.8	-	-	44.0	4.1	-2.1	-2.6	-3.1	-3.7	-	-
	67	35.4	3.8	6.1	5.5	4.9	4.4	3.8	-	34.3	4.0	5.5	4.9	4.4	3.9	3.4	-
	62	27.5	3.7	18.0	17.4	16.9	16.3	15.7	15.1	25.8	3.9	14.2	13.7	13.2	12.7	12.2	11.6
	57	24.9	3.7	21.6	21.0	20.4	19.8	19.3	18.7	23.2	3.8	16.9	16.4	15.9	15.4	14.9	14.3
2100	77	54.2	4.0	-13.2	-13.9	-14.6	-	-	-	53.4	4.2	-11.7	-12.4	-13.1	-	-	-
	72	44.4	3.9	-3.2	-3.9	-4.6	-5.3	-	-	43.7	4.1	-2.4	-3.1	-3.8	-4.5	-	-
	67	34.6	3.8	6.7	6.1	5.4	4.7	4.0	-	34.0	4.0	7.0	6.3	5.6	4.8	4.1	-
	62	26.9	3.7	19.7	19.0	18.3	17.6	16.9	16.2	25.6	3.8	17.5	16.8	16.1	15.4	14.7	13.9
	57	24.4	3.7	22.7	22.4	22.2	21.5	20.8	20.1	23.1	3.8	19.9	19.6	19.4	18.7	17.9	17.2
2400	77	53.0	4.0	-14.1	-14.9	-15.7	-	-	-	53.0	4.2	-13.7	-14.6	-15.6	-	-	-
	72	43.4	3.9	-3.4	-4.2	-5.0	-5.7	-	-	43.4	4.1	-2.6	-3.5	-4.4	-5.4	-	-
	67	33.9	3.8	7.4	6.6	5.8	5.0	4.2	-	33.8	4.0	8.5	7.6	6.7	5.7	4.8	-
	62	26.3	3.7	21.3	20.5	19.7	18.9	18.2	17.4	25.4	3.8	20.9	19.9	19.0	18.1	17.2	16.2
	57	23.9	3.6	23.9	23.9	23.9	23.1	22.3	21.5	22.9	3.8	22.9	22.9	22.9	21.9	21.0	20.1
2700	72	44.3	3.9	-4.7	-5.9	-7.1	-8.3	-	-	43.4	4.1	-3.3	-4.5	-5.8	-7.0	-	-
	67	34.6	3.7	10.7	9.5	8.3	7.1	5.9	-	33.8	3.9	10.9	9.7	8.4	7.2	6.0	-
	62	26.9	3.6	24.4	24.0	23.6	22.4	21.1	19.9	25.4	3.8	23.1	22.7	22.2	20.9	19.7	18.4
	57	24.4	3.6	24.4	24.4	24.4	23.2	21.9	20.7	22.9	3.8	22.9	22.9	22.9	21.7	20.4	19.2
3000	72	45.2	3.8	-6.0	-7.6	-9.3	-10.9	-	-	43.5	4.0	-4.0	-5.6	-7.1	-8.7	-	-
	67	35.2	3.7	14.1	12.5	10.8	9.2	7.5	-	33.8	3.9	13.3	11.7	10.2	8.6	7.1	-
	62	27.4	3.6	27.4	27.4	27.4	25.8	24.1	22.5	25.4	3.8	25.4	25.4	25.3	23.7	22.2	20.6
	57	24.9	3.6	24.9	24.9	24.9	23.2	21.6	19.9	22.9	3.8	22.9	22.9	22.9	21.4	19.8	18.3

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 66: KYA7 reheat capacity (6 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total input[2] (kW)	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total input[2](kW)	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
75°F										85°F							
1500	77	51.9	4.4	-4.0	-4.2	-4.3	-	-	-	49.6	4.6	-0.4	-0.4	-0.3	-	-	-
	72	42.4	4.3	-0.8	-1.0	-1.1	-1.2	-	-	40.5	4.4	0.2	0.2	0.3	0.3	-	-
	67	33.0	4.1	2.4	2.2	2.1	2.0	1.8	-	31.4	4.3	0.8	0.9	0.9	0.9	1.0	-
	62	23.8	4.0	5.4	5.2	5.1	5.0	4.8	4.7	21.7	4.2	-0.1	-0.1	-0.1	0.0	0.0	0.1
1800	77	52.3	4.4	-7.1	-7.6	-8.0	-	-	-	50.7	4.6	-4.6	-4.9	-5.3	-	-	-
	72	42.7	4.3	-1.2	-1.6	-2.0	-2.5	-	-	41.5	4.4	-0.2	-0.6	-1.0	-1.3	-	-
	67	33.2	4.1	4.8	4.4	3.9	3.5	3.0	-	32.2	4.3	4.2	3.8	3.4	3.0	2.7	-
	62	24.0	4.0	10.4	9.9	9.5	9.1	8.6	8.2	22.3	4.2	6.6	6.2	5.8	5.4	5.1	4.7
	57	21.5	4.0	12.2	11.8	11.3	10.9	10.5	10.0	19.8	4.2	7.6	7.2	6.8	6.4	6.1	5.7
2100	77	52.6	4.4	-10.2	-11.0	-11.7	-	-	-	51.9	4.6	-8.7	-9.5	-10.3	-	-	-
	72	43.1	4.3	-1.5	-2.2	-3.0	-3.8	-	-	42.4	4.5	-0.6	-1.4	-2.2	-3.0	-	-
	67	33.5	4.1	7.2	6.5	5.7	5.0	4.2	-	32.9	4.3	7.5	6.7	5.9	5.1	4.3	-
	62	24.2	4.0	15.4	14.6	13.9	13.1	12.4	11.6	22.8	4.2	13.3	12.5	11.7	10.9	10.1	9.3
	57	21.7	4.0	17.0	16.8	16.6	15.8	15.1	14.3	20.3	4.2	14.2	14.0	13.8	13.0	12.2	11.4
2400	77	53.0	4.4	-13.3	-14.4	-15.4	-	-	-	53.0	4.6	-12.9	-14.1	-15.3	-	-	-
	72	43.4	4.3	-1.8	-2.9	-3.9	-5.0	-	-	43.3	4.5	-1.0	-2.2	-3.4	-4.7	-	-
	67	33.7	4.1	9.7	8.6	7.6	6.5	5.4	-	33.6	4.3	10.8	9.6	8.4	7.2	6.0	-
	62	24.4	4.0	20.4	19.4	18.3	17.2	16.1	15.1	23.4	4.2	20.0	18.8	17.6	16.4	15.1	13.9
	57	21.8	4.0	21.8	21.8	21.8	20.8	19.7	18.6	20.8	4.2	20.8	20.8	20.8	19.6	18.4	17.2
2700	72	42.5	4.3	-2.0	-3.2	-4.5	-5.7	-	-	41.7	4.5	-0.6	-1.9	-3.2	-4.4	-	-
	67	33.1	4.1	11.1	9.8	8.6	7.3	6.0	-	32.3	4.3	11.2	10.0	8.7	7.4	6.1	-
	62	23.9	4.0	21.9	21.4	20.7	19.5	18.2	16.9	22.4	4.2	20.7	20.1	19.3	18.0	16.7	15.5
	57	21.4	4.0	21.4	21.4	21.4	20.2	18.9	17.7	20.0	4.2	20.0	20.0	20.0	18.7	17.4	16.1
3000	72	41.7	4.2	-2.1	-3.5	-5.0	-6.5	-	-	40.0	4.4	-0.2	-1.5	-2.9	-4.2	-	-
	67	32.4	4.1	12.5	11.0	9.6	8.1	6.7	-	31.0	4.3	11.6	10.3	8.9	7.6	6.2	-
	62	23.4	4.0	23.4	23.4	23.2	21.7	20.3	18.8	21.4	4.2	21.4	21.4	21.1	19.7	18.3	17.0
	57	21.0	4.0	21.0	21.0	21.0	19.6	18.1	16.7	19.1	4.2	19.1	19.1	19.1	17.7	16.4	15.0

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 67: KY08 reheat capacity (7.5 ton, 35°F to 65°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total input[2] (kW)	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total input[2](kW)	Sensible capacity (MBh)					
				Return dry bulb (°F)								Return dry bulb (°F)					
CFM	WB (°F)			90	85	80	75	70	65			90	85	80	75	70	65
35°F										45°F							
1875	77	52.5	4.1	-4.1	-6.8	-9.5	-	-	-	52.6	4.8	-5.2	-6.9	-8.6	-	-	-
	72	52.8	3.6	10.7	8.0	5.3	2.6	-	-	50.5	4.6	5.8	4.1	2.4	0.7	-	-
	67	53.0	3.0	25.5	22.8	20.1	17.5	14.8	-	48.4	4.4	16.8	15.1	13.4	11.7	9.9	-
	62	50.2	2.8	42.3	39.3	36.6	33.9	31.2	28.5	45.5	4.1	29.5	27.6	25.8	24.1	22.4	20.7
2250	77	52.1	4.3	-3.7	-6.5	-9.3	-	-	-	53.3	4.7	-6.3	-8.4	-10.4	-	-	-
	72	52.5	3.8	12.2	9.4	6.6	3.9	-	-	51.2	4.5	7.0	4.9	2.9	0.8	-	-
	67	52.9	3.2	28.1	25.3	22.5	19.8	17.0	-	49.0	4.3	20.3	18.2	16.2	14.1	12.1	-
	62	50.1	3.0	45.5	42.7	40.0	37.2	34.5	31.7	46.2	4.1	35.4	33.4	31.3	29.3	27.2	25.2
	57	47.3	3.1	45.9	43.2	40.4	37.7	34.9	32.1	42.1	4.0	36.1	34.1	32.0	30.0	27.9	25.9
2625	77	51.7	4.5	-3.4	-6.2	-9.1	-	-	-	54.0	4.7	-7.5	-9.9	-12.3	-	-	-
	72	52.2	4.0	13.6	10.8	7.9	5.1	-	-	51.9	4.4	8.2	5.8	3.4	1.0	-	-
	67	52.7	3.5	30.6	27.8	24.9	22.1	19.2	-	49.7	4.2	23.8	21.4	19.0	16.6	14.2	-
	62	49.9	3.2	48.7	46.2	43.4	40.6	37.7	34.9	46.8	4.0	41.4	39.2	36.8	34.4	32.0	29.6
	57	47.2	3.3	46.5	45.1	43.8	40.9	38.1	35.2	42.7	4.0	39.7	38.7	37.6	35.2	32.8	30.5
3000	77	51.4	4.6	-3.0	-5.9	-8.9	-	-	-	54.8	4.6	-8.6	-11.3	-14.1	-	-	-
	72	51.9	4.2	15.1	12.1	9.2	6.3	-	-	52.5	4.4	9.4	6.6	3.9	1.2	-	-
	67	52.5	3.7	33.1	30.2	27.3	24.4	21.4	-	50.3	4.2	27.3	24.6	21.9	19.1	16.4	-
	62	49.7	3.4	49.7	49.7	46.8	43.9	41.0	38.0	47.4	3.9	47.4	45.0	42.3	39.6	36.8	34.1
	57	47.1	3.5	47.1	47.1	47.1	44.2	41.2	38.3	43.2	3.9	43.2	43.2	43.2	40.5	37.8	35.0
3375	72	51.4	4.3	16.6	13.8	10.9	8.0	-	-	53.5	4.3	10.8	7.6	4.5	1.3	-	-
	67	52.1	3.8	34.3	31.4	28.5	25.6	22.8	-	51.3	4.1	31.5	28.4	25.2	22.0	18.9	-
	62	49.4	3.5	49.4	49.4	47.9	45.1	42.2	39.3	48.3	3.9	48.3	47.1	45.7	42.6	39.4	36.2
	57	46.9	3.6	46.9	46.9	46.9	44.0	41.1	38.2	44.1	3.9	44.1	44.1	44.1	40.9	37.7	34.6
3750	72	50.9	4.4	18.2	15.4	12.5	9.7	-	-	54.5	4.3	12.2	8.7	5.1	1.5	-	-
	67	51.8	3.9	35.5	32.6	29.8	26.9	24.1	-	52.2	4.1	35.7	32.1	28.5	24.9	21.4	-
	62	49.1	3.6	49.1	49.1	49.1	46.2	43.4	40.6	49.2	3.8	49.2	49.2	49.2	45.6	42.0	38.4
	57	46.6	3.7	46.6	46.6	46.6	43.8	40.9	38.1	44.9	3.8	44.9	44.9	44.9	41.3	37.7	34.1
55°F										65°F							
1875	77	52.8	5.5	-6.3	-7.0	-7.7	-	-	-	49.5	6.0	-5.5	-5.9	-6.4	-	-	-
	72	48.2	5.6	0.9	0.2	-0.6	-1.3	-	-	45.2	5.9	-0.1	-0.5	-1.0	-1.4	-	-
	67	43.7	5.7	8.0	7.3	6.6	5.8	5.1	-	40.8	5.8	5.3	4.9	4.5	4.0	3.6	-
	62	40.9	5.4	16.6	15.8	15.1	14.4	13.7	12.9	37.3	5.6	11.9	11.2	10.7	10.3	9.8	9.4
2250	77	54.6	5.2	-8.9	-10.2	-11.6	-	-	-	51.6	5.7	-10.1	-11.2	-12.3	-	-	-
	72	49.9	5.3	1.8	0.5	-0.9	-2.2	-	-	47.1	5.6	0.0	-1.1	-2.2	-3.3	-	-
	67	45.2	5.3	12.5	11.2	9.9	8.5	7.2	-	42.6	5.5	10.1	9.0	7.9	6.8	5.7	-
	62	42.2	5.1	25.4	24.0	22.7	21.3	20.0	18.7	38.9	5.2	21.6	20.5	19.4	18.3	17.2	16.1
	57	37.0	5.0	26.3	25.0	23.6	22.3	21.0	19.6	34.7	5.2	22.0	20.9	19.9	18.8	17.7	16.6
2625	77	56.4	4.9	-11.5	-13.5	-15.4	-	-	-	53.8	5.4	-14.7	-16.4	-18.2	-	-	-
	72	51.5	4.9	2.7	0.8	-1.1	-3.1	-	-	49.1	5.3	0.1	-1.6	-3.4	-5.1	-	-
	67	46.6	5.0	17.0	15.1	13.1	11.2	9.2	-	44.3	5.2	14.9	13.1	11.4	9.7	7.9	-
	62	43.6	4.8	34.1	32.2	30.2	28.3	26.3	24.4	40.5	4.9	31.3	29.9	28.1	26.4	24.7	22.9
	57	38.2	4.7	32.9	32.2	31.5	29.6	27.6	25.7	36.1	4.9	29.8	29.2	28.7	26.9	25.2	23.5
3000	77	58.1	4.5	-14.2	-16.7	-19.3	-	-	-	55.9	5.0	-19.3	-21.7	-24.1	-	-	-
	72	53.1	4.6	3.7	1.1	-1.4	-4.0	-	-	51.0	4.9	0.2	-2.2	-4.6	-7.0	-	-
	67	48.1	4.7	21.5	19.0	16.4	13.9	11.3	-	46.1	4.8	19.7	17.3	14.9	12.5	10.1	-
	62	45.0	4.5	42.9	40.4	37.8	35.2	32.7	30.1	42.1	4.6	41.0	39.2	36.9	34.5	32.1	29.7
	57	39.4	4.3	39.4	39.4	39.4	36.8	34.3	31.7	37.5	4.6	37.5	37.5	37.5	35.1	32.7	30.4
3375	72	55.6	4.4	5.0	1.5	-1.9	-5.4	-	-	52.5	4.8	0.4	-2.8	-5.9	-9.1	-	-
	67	50.4	4.4	28.7	25.3	21.9	18.4	15.0	-	47.4	4.7	25.9	22.7	19.5	16.3	13.2	-
	62	47.1	4.2	46.1	44.8	43.5	40.1	36.6	33.2	43.3	4.5	42.8	41.9	40.7	37.5	34.4	31.2
	57	41.2	4.1	41.2	41.2	41.2	37.8	34.4	30.9	38.6	4.5	38.6	38.6	38.6	35.4	32.3	29.1
3750	72	58.1	4.2	6.3	1.9	-2.4	-6.7	-	-	53.9	4.6	0.6	-3.3	-7.3	-11.2	-	-
	67	52.6	4.2	35.9	31.6	27.3	23.0	18.6	-	48.8	4.5	32.1	28.1	24.1	20.2	16.2	-
	62	49.2	4.0	49.2	49.2	49.2	44.9	40.6	36.3	44.5	4.4	44.5	44.5	44.5	40.6	36.6	32.7
	57	43.1	3.9	43.1	43.1	43.1	38.8	34.4	30.1	39.7	4.3	39.7	39.7	39.7	35.7	31.8	27.8

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 68: KY08 reheat capacity (7.5 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total input[2] (kW)	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total input[2](kW)	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
75°F										85°F							
1875	77	46.2	6.5	-4.7	-4.9	-5.1	-	-	-	42.9	7.0	-4.0	-3.8	-3.7	-	-	-
	72	42.1	6.2	-1.0	-1.2	-1.4	-1.5	-	-	39.0	6.5	-2.0	-1.9	-1.8	-1.6	-	-
	67	37.9	5.9	2.7	2.5	2.3	2.2	2.0	-	35.1	6.0	0.0	0.1	0.2	0.3	0.5	-
	62	33.7	5.7	7.2	6.5	6.3	6.1	6.0	5.8	30.1	5.8	2.6	1.8	1.9	2.0	2.1	2.2
2250	77	48.7	6.2	-11.3	-12.1	-13.0	-	-	-	45.8	6.6	-12.5	-13.1	-13.7	-	-	-
	72	44.4	5.9	-1.8	-2.6	-3.5	-4.3	-	-	41.6	6.2	-3.6	-4.2	-4.8	-5.4	-	-
	67	40.0	5.6	7.7	6.9	6.0	5.2	4.3	-	37.4	5.7	5.3	4.7	4.1	3.5	2.9	-
	62	35.5	5.4	17.9	17.0	16.2	15.3	14.5	13.6	32.1	5.5	14.1	13.5	12.9	12.3	11.7	11.1
	57	32.3	5.4	17.8	16.9	16.1	15.2	14.4	13.5	30.0	5.6	13.5	12.9	12.3	11.7	11.1	10.4
2625	77	51.2	5.8	-17.8	-19.4	-20.9	-	-	-	48.6	6.3	-21.0	-22.3	-23.6	-	-	-
	72	46.6	5.6	-2.5	-4.1	-5.6	-7.1	-	-	44.2	5.9	-5.2	-6.5	-7.8	-9.2	-	-
	67	42.0	5.3	12.7	11.2	9.7	8.1	6.6	-	39.8	5.5	10.6	9.3	7.9	6.6	5.3	-
	62	37.3	5.1	28.5	27.6	26.0	24.5	23.0	21.4	34.2	5.3	25.7	25.3	23.9	22.6	21.3	19.9
	57	34.0	5.1	26.7	26.3	25.9	24.3	22.8	21.2	31.9	5.4	23.6	23.3	23.0	21.7	20.4	19.0
3000	77	53.7	5.5	-24.4	-26.6	-28.8	-	-	-	51.5	6.0	-29.5	-31.5	-33.6	-	-	-
	72	48.9	5.3	-3.3	-5.5	-7.7	-10.0	-	-	46.8	5.6	-6.8	-8.8	-10.9	-12.9	-	-
	67	44.1	5.0	17.8	15.6	13.3	11.1	8.9	-	42.1	5.2	15.9	13.8	11.8	9.7	7.7	-
	62	39.2	4.8	39.2	38.1	35.9	33.7	31.5	29.2	36.2	5.0	36.2	36.2	34.9	32.9	30.8	28.8
	57	35.6	4.9	35.6	35.6	35.6	33.4	31.2	29.0	33.8	5.1	33.8	33.8	33.8	31.7	29.7	27.6
3375	72	49.3	5.2	-4.1	-7.1	-10.0	-12.9	-	-	46.2	5.6	-8.7	-11.3	-14.0	-16.6	-	-
	67	44.5	4.9	23.0	20.1	17.2	14.3	11.3	-	41.6	5.2	20.1	17.4	14.8	12.2	9.5	-
	62	39.5	4.7	39.5	39.0	37.9	35.0	32.1	29.2	35.7	5.0	35.7	35.7	35.1	32.4	29.8	27.1
	57	36.0	4.8	36.0	36.0	36.0	33.1	30.2	27.3	33.3	5.1	33.3	33.3	33.3	30.7	28.1	25.4
3750	72	49.8	5.1	-5.0	-8.6	-12.2	-15.8	-	-	45.6	5.6	-10.6	-13.8	-17.1	-20.3	-	-
	67	44.9	4.9	28.2	24.6	21.0	17.4	13.8	-	41.0	5.2	24.3	21.1	17.8	14.6	11.4	-
	62	39.9	4.7	39.9	39.9	39.9	36.3	32.7	29.1	35.2	5.0	35.2	35.2	35.2	31.9	28.7	25.5
	57	36.3	4.7	36.3	36.3	36.3	32.7	29.1	25.5	32.9	5.1	32.9	32.9	32.9	29.7	26.4	23.2

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 69: KY09 reheat capacity (8.5 ton, 35°F to 65°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total input[2] (kW)	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total input[2](kW)	Sensible capacity (MBh)					
				Return dry bulb (°F)								Return dry bulb (°F)					
CFM	WB (°F)			90	85	80	75	70	65			90	85	80	75	70	65
35°F										45°F							
2125	77	69.4	4.5	-1.6	-5.0	-8.4	-	-	-	68.0	5.2	-3.5	-5.5	-7.6	-	-	-
	72	68.0	4.3	15.1	11.7	8.3	4.9	-	-	63.9	5.0	8.3	6.3	4.2	2.2	-	-
	67	66.6	4.0	31.8	28.4	25.0	21.6	18.2	-	59.9	4.8	20.1	18.1	16.1	14.0	12.0	-
	62	63.7	3.9	50.1	46.7	43.3	39.9	36.5	33.1	55.4	4.7	33.3	31.3	29.2	27.2	25.1	23.1
2550	77	69.3	4.6	-0.2	-3.8	-7.3	-	-	-	70.0	5.1	-4.1	-6.6	-9.1	-	-	-
	72	68.0	4.3	17.0	13.5	9.9	6.3	-	-	65.9	4.9	10.1	7.6	5.1	2.5	-	-
	67	66.8	4.1	34.3	30.7	27.1	23.6	20.0	-	61.7	4.8	24.3	21.8	19.3	16.7	14.2	-
	62	64.0	4.0	52.9	49.3	45.8	42.2	38.6	35.1	57.1	4.6	40.1	37.6	35.1	32.5	30.0	27.5
	57	58.5	3.9	58.5	57.1	53.6	50.0	46.4	42.9	52.2	4.5	46.5	44.0	41.4	38.9	36.4	33.9
2975	77	69.2	4.6	1.2	-2.5	-6.3	-	-	-	72.1	5.0	-4.6	-7.6	-10.6	-	-	-
	72	68.1	4.3	19.0	15.2	11.5	7.8	-	-	67.8	4.9	11.9	8.9	5.9	2.9	-	-
	67	67.0	4.1	36.7	33.0	29.3	25.5	21.8	-	63.5	4.7	28.5	25.5	22.5	19.5	16.5	-
	62	64.4	4.0	55.7	52.0	48.3	44.5	40.8	37.0	58.8	4.5	46.9	43.9	40.9	37.9	34.9	31.9
	57	58.8	4.0	58.8	58.1	56.3	52.6	48.9	45.1	53.7	4.4	50.9	49.6	48.4	45.3	42.3	39.3
3400	77	69.0	4.6	2.6	-1.3	-5.2	-	-	-	74.1	5.0	-5.2	-8.7	-12.2	-	-	-
	72	68.1	4.4	20.9	17.0	13.1	9.2	-	-	69.7	4.8	13.8	10.3	6.8	3.3	-	-
	67	67.3	4.1	39.2	35.3	31.4	27.5	23.6	-	65.3	4.6	32.7	29.2	25.7	22.2	18.7	-
	62	64.7	4.0	58.6	54.6	50.7	46.8	42.9	39.0	60.4	4.5	53.8	50.3	46.8	43.3	39.8	36.3
	57	59.1	4.0	59.1	59.1	59.1	55.2	51.3	47.4	55.3	4.4	55.3	55.3	55.3	51.8	48.3	44.8
3825	72	71.4	4.4	22.7	18.9	15.0	11.2	-	-	72.7	4.7	15.8	11.8	7.8	3.8	-	-
	67	70.4	4.1	41.0	37.2	33.3	29.5	25.6	-	68.1	4.6	37.6	33.6	29.6	25.6	21.6	-
	62	67.7	4.0	64.6	62.5	56.1	52.3	48.4	44.6	63.0	4.4	59.7	57.9	53.9	49.9	45.9	41.9
	57	61.8	4.0	61.8	61.8	61.8	58.0	54.2	50.3	57.6	4.3	57.6	57.6	57.6	53.6	49.7	45.7
4250	72	74.6	4.4	24.5	20.7	17.0	13.2	-	-	75.7	4.7	17.8	13.3	8.8	4.3	-	-
	67	73.6	4.2	42.8	39.0	35.2	31.5	27.7	-	70.9	4.5	42.4	38.0	33.5	29.0	24.5	-
	62	70.7	4.0	70.7	70.4	61.5	57.7	53.9	50.1	65.6	4.4	65.6	65.4	61.0	56.5	52.0	47.5
	57	64.6	4.0	64.6	64.6	64.6	60.8	57.0	53.3	60.0	4.3	60.0	60.0	60.0	55.5	51.0	46.5
55°F										65°F							
2125	77	66.5	5.8	-5.4	-6.1	-6.8	-	-	-	63.3	6.3	-6.8	-7.3	-7.9	-	-	-
	72	59.9	5.7	1.5	0.8	0.2	-0.5	-	-	56.7	6.2	0.0	-0.6	-1.1	-1.6	-	-
	67	53.2	5.6	8.5	7.8	7.1	6.4	5.7	-	50.1	6.0	6.7	6.2	5.7	5.2	4.7	-
	62	47.2	5.4	16.6	15.9	15.2	14.5	13.8	13.1	44.6	5.7	14.0	13.5	13.0	12.5	12.0	11.4
2550	77	70.8	5.7	-7.9	-9.4	-10.9	-	-	-	66.7	6.2	-11.1	-12.4	-13.6	-	-	-
	72	63.7	5.6	3.2	1.7	0.2	-1.2	-	-	59.8	6.0	0.5	-0.7	-2.0	-3.2	-	-
	67	56.6	5.5	14.4	12.9	11.4	9.9	8.4	-	52.8	5.8	12.1	10.9	9.6	8.4	7.1	-
	62	50.2	5.2	27.4	25.9	24.4	22.9	21.4	19.9	47.0	5.5	24.6	23.3	22.1	20.8	19.6	18.3
	57	45.9	5.1	32.3	30.8	29.3	27.8	26.3	24.8	43.8	5.4	29.0	27.7	26.5	25.2	24.0	22.7
2975	77	75.0	5.5	-10.4	-12.7	-15.0	-	-	-	70.1	6.0	-15.4	-17.4	-19.4	-	-	-
	72	67.5	5.4	4.9	2.6	0.3	-2.0	-	-	62.8	5.8	1.1	-0.9	-2.9	-4.9	-	-
	67	60.0	5.3	20.3	18.0	15.7	13.4	11.1	-	55.5	5.6	17.6	15.6	13.6	11.6	9.6	-
	62	53.2	5.0	38.2	35.9	33.6	31.3	29.0	26.7	49.3	5.4	35.1	33.1	31.1	29.2	27.2	25.2
	57	48.7	4.9	41.9	41.1	40.4	38.1	35.8	33.5	46.0	5.2	38.6	38.0	37.3	35.4	33.4	31.4
3400	77	79.2	5.3	-13.0	-16.0	-19.1	-	-	-	73.5	5.8	-19.7	-22.4	-25.1	-	-	-
	72	71.3	5.2	6.6	3.5	0.4	-2.7	-	-	65.8	5.6	1.6	-1.1	-3.8	-6.5	-	-
	67	63.3	5.1	26.1	23.1	20.0	16.9	13.8	-	58.2	5.5	23.0	20.2	17.5	14.8	12.1	-
	62	56.2	4.9	49.0	45.9	42.8	39.7	36.6	33.6	51.7	5.2	45.6	42.9	40.2	37.5	34.8	32.0
	57	51.4	4.8	51.4	51.4	51.4	48.4	45.3	42.2	48.2	5.1	48.2	48.2	48.2	45.5	42.8	40.1
3825	72	74.0	5.1	8.8	4.7	0.6	-3.6	-	-	68.3	5.5	2.4	-1.2	-4.9	-8.5	-	-
	67	65.8	5.0	34.1	30.0	25.9	21.7	17.6	-	60.3	5.3	29.9	26.3	22.6	19.0	15.3	-
	62	58.3	4.8	54.7	53.2	51.6	47.5	43.4	39.2	53.6	5.1	50.6	49.2	47.9	44.2	40.6	36.9
	57	53.4	4.6	53.4	53.4	53.4	49.3	45.1	41.0	50.0	5.0	50.0	50.0	50.0	46.4	42.7	39.1
4250	72	76.7	5.0	11.0	5.9	0.7	-4.5	-	-	70.7	5.4	3.2	-1.4	-6.0	-10.6	-	-
	67	68.2	4.9	42.1	36.9	31.7	26.6	21.4	-	62.5	5.2	36.9	32.3	27.7	23.1	18.6	-
	62	60.5	4.7	60.5	60.5	60.5	55.3	50.1	44.9	55.6	5.0	55.6	55.6	55.6	51.0	46.4	41.8
	57	55.4	4.5	55.4	55.4	55.4	50.2	45.0	39.8	51.8	4.9	51.8	51.8	51.8	47.2	42.6	38.1

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 70: KY09 reheat capacity (7.5 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total input[2] (kW)	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total input[2](kW)	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
75°F										85°F							
2125	77	60.1	6.8	-8.3	-8.6	-8.9	-	-	-	56.9	7.3	-9.7	-9.8	-10.0	-	-	-
	72	53.6	6.6	-1.6	-2.0	-2.3	-2.6	-	-	50.5	7.0	-3.2	-3.4	-3.5	-3.7	-	-
	67	47.1	6.3	5.0	4.7	4.3	4.0	3.6	-	44.0	6.7	3.3	3.1	2.9	2.8	2.6	-
	62	42.0	6.0	11.5	11.1	10.8	10.5	10.1	9.8	39.4	6.4	8.9	8.8	8.6	8.4	8.3	8.1
2550	77	62.7	6.7	-14.3	-15.3	-16.3	-	-	-	58.6	7.2	-17.5	-18.3	-19.0	-	-	-
	72	55.8	6.4	-2.2	-3.2	-4.2	-5.2	-	-	51.9	6.8	-4.9	-5.7	-6.4	-7.2	-	-
	67	49.0	6.1	9.9	8.9	7.9	6.9	5.9	-	45.3	6.5	7.7	6.9	6.2	5.4	4.6	-
	62	43.7	5.9	21.8	20.7	19.7	18.7	17.7	16.7	40.5	6.2	18.9	18.2	17.4	16.6	15.9	15.1
	57	41.7	5.7	25.6	24.6	23.6	22.6	21.6	20.6	39.5	6.0	22.3	21.5	20.8	20.0	19.2	18.4
2975	77	65.2	6.5	-20.4	-22.0	-23.7	-	-	-	60.3	7.0	-25.3	-26.7	-28.1	-	-	-
	72	58.1	6.2	-2.8	-4.4	-6.1	-7.8	-	-	53.4	6.6	-6.6	-8.0	-9.4	-10.7	-	-
	67	51.0	6.0	14.9	13.2	11.5	9.8	8.1	-	46.5	6.3	12.1	10.8	9.4	8.0	6.6	-
	62	45.5	5.7	32.0	30.4	28.7	27.0	25.3	23.6	41.7	6.0	29.0	27.6	26.2	24.8	23.4	22.1
	57	43.3	5.6	35.3	34.8	34.3	32.6	30.9	29.3	40.6	5.9	32.0	31.7	31.3	29.9	28.5	27.1
3400	77	67.7	6.3	-26.4	-28.8	-31.1	-	-	-	61.9	6.8	-33.1	-35.1	-37.1	-	-	-
	72	60.3	6.0	-3.3	-5.7	-8.0	-10.4	-	-	54.9	6.5	-8.3	-10.3	-12.3	-14.3	-	-
	67	53.0	5.8	19.8	17.4	15.1	12.7	10.3	-	47.8	6.1	16.6	14.6	12.6	10.6	8.6	-
	62	47.3	5.5	42.3	40.0	37.6	35.3	32.9	30.5	42.8	5.9	39.0	37.0	35.0	33.0	31.0	29.0
	57	45.0	5.4	45.0	45.0	45.0	42.7	40.3	37.9	41.8	5.7	41.8	41.8	41.8	39.8	37.8	35.8
3825	72	62.5	5.9	-4.0	-7.2	-10.3	-13.5	-	-	56.8	6.4	-10.4	-13.1	-15.8	-18.5	-	-
	67	54.9	5.7	25.7	22.5	19.4	16.2	13.0	-	49.4	6.0	21.5	18.8	16.1	13.5	10.8	-
	62	49.0	5.4	46.5	45.3	44.1	41.0	37.8	34.6	44.3	5.8	42.4	41.4	40.4	37.7	35.0	32.3
	57	46.6	5.3	46.6	46.6	46.6	43.5	40.3	37.1	43.2	5.6	43.2	43.2	43.2	40.5	37.9	35.2
4250	72	64.7	5.8	-4.7	-8.7	-12.6	-16.6	-	-	58.6	6.2	-12.6	-15.9	-19.3	-22.7	-	-
	67	56.8	5.6	31.7	27.7	23.7	19.7	15.7	-	51.1	5.9	26.4	23.1	19.7	16.3	12.9	-
	62	50.7	5.3	50.7	50.7	50.7	46.7	42.7	38.7	45.7	5.7	45.7	45.7	45.7	42.4	39.0	35.6
	57	48.2	5.2	48.2	48.2	48.2	44.3	40.3	36.3	44.7	5.5	44.7	44.7	44.7	41.3	37.9	34.5

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 71: KY12 reheat capacity (10 ton, 35°F to 65°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total input[2] (kW)	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total input[2](kW)	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
35°F										45°F							
2500	77	67.2	5.4	-7.4	-11.0	-14.6	-	-	-	71.4	6.2	-6.7	-8.8	-10.8	-	-	-
	72	70.4	5.1	13.0	9.3	5.7	2.1	-	-	69.1	5.9	6.6	4.6	2.5	0.5	-	-
	67	73.6	4.7	33.3	29.7	26.1	22.5	18.8	-	66.7	5.6	19.9	17.9	15.9	13.8	11.8	-
	62	65.9	4.5	53.5	49.9	46.3	42.7	39.0	35.4	59.8	5.4	33.4	31.4	29.3	27.3	25.3	23.2
3000	77	68.4	5.4	-6.0	-10.0	-14.1	-	-	-	73.4	6.1	-8.4	-11.2	-13.9	-	-	-
	72	71.7	5.1	15.9	11.8	7.8	3.8	-	-	71.0	5.8	8.7	6.0	3.2	0.5	-	-
	67	75.1	4.8	37.8	33.7	29.7	25.6	21.6	-	68.7	5.5	25.8	23.1	20.3	17.6	14.9	-
	62	67.3	4.6	59.1	55.1	51.0	47.0	42.9	38.9	61.5	5.3	43.1	40.4	37.6	34.9	32.2	29.5
	57	63.6	4.6	63.6	60.7	56.7	52.6	48.6	44.5	58.3	5.2	48.2	45.5	42.8	40.0	37.3	34.6
3500	77	69.6	5.5	-4.5	-9.0	-13.5	-	-	-	75.5	6.0	-10.1	-13.5	-16.9	-	-	-
	72	73.1	5.2	18.8	14.3	9.9	5.4	-	-	73.0	5.7	10.8	7.4	3.9	0.5	-	-
	67	76.6	4.8	42.2	37.7	33.2	28.8	24.3	-	70.6	5.5	31.7	28.2	24.8	21.4	18.0	-
	62	68.6	4.6	64.7	60.2	55.8	51.3	46.8	42.3	63.3	5.3	52.8	49.4	45.9	42.5	39.1	35.7
	57	64.9	4.6	64.9	63.5	61.4	57.0	52.5	48.0	60.0	5.2	54.9	53.5	52.2	48.8	45.4	41.9
4000	77	70.7	5.5	-3.1	-8.0	-12.9	-	-	-	77.5	5.9	-11.8	-15.9	-20.0	-	-	-
	72	74.5	5.2	21.7	16.9	12.0	7.1	-	-	75.0	5.6	12.9	8.8	4.7	0.6	-	-
	67	78.2	4.9	46.6	41.7	36.8	31.9	27.0	-	72.5	5.4	37.5	33.4	29.3	25.2	21.1	-
	62	70.0	4.7	70.0	65.4	60.5	55.6	50.7	45.8	65.0	5.2	62.4	58.3	54.2	50.1	46.0	41.9
	57	66.2	4.7	66.2	66.2	66.2	61.3	56.4	51.5	61.6	5.1	61.6	61.6	61.6	57.5	53.4	49.3
4500	72	76.7	5.1	25.2	19.6	14.1	8.6	-	-	76.7	5.6	14.9	10.2	5.5	0.7	-	-
	67	80.4	4.8	54.1	48.6	43.1	37.5	32.0	-	74.1	5.3	43.9	39.2	34.5	29.7	25.0	-
	62	72.0	4.6	72.0	69.7	67.3	61.7	56.2	50.7	66.4	5.1	65.1	63.1	61.0	56.3	51.6	46.8
	57	68.1	4.6	68.1	68.1	68.1	62.6	57.0	51.5	63.0	5.0	63.0	63.0	63.0	58.2	53.5	48.8
5000	72	79.0	5.0	28.6	22.4	16.2	10.0	-	-	78.3	5.5	17.0	11.7	6.3	0.9	-	-
	67	82.7	4.7	61.7	55.5	49.3	43.1	36.9	-	75.7	5.3	50.4	45.0	39.6	34.3	28.9	-
	62	74.1	4.5	74.1	74.1	74.1	67.9	61.7	55.5	67.8	5.0	67.8	67.8	67.8	62.5	57.1	51.8
	57	70.0	4.5	70.0	70.0	70.0	63.8	57.6	51.4	64.3	4.9	64.3	64.3	64.3	59.0	53.6	48.2
55°F										65°F							
2500	77	75.6	6.9	-6.1	-6.5	-7.0	-	-	-	71.1	7.4	-6.2	-6.5	-6.7	-	-	-
	72	67.8	6.7	0.2	-0.2	-0.7	-1.1	-	-	63.9	7.1	-0.9	-1.1	-1.4	-1.7	-	-
	67	59.9	6.5	6.5	6.1	5.6	5.2	4.7	-	56.6	6.8	4.5	4.2	3.9	3.7	3.4	-
	62	53.7	6.3	13.3	12.8	12.4	11.9	11.5	11.0	50.6	6.5	10.1	9.9	9.6	9.4	9.1	8.8
3000	77	78.5	6.7	-10.9	-12.3	-13.7	-	-	-	73.4	7.2	-13.8	-14.9	-16.0	-	-	-
	72	70.4	6.5	1.5	0.1	-1.3	-2.7	-	-	65.9	6.9	-1.5	-2.6	-3.7	-4.7	-	-
	67	62.2	6.3	13.8	12.4	11.0	9.6	8.2	-	58.4	6.7	10.9	9.8	8.7	7.6	6.5	-
	62	55.8	6.1	27.1	25.7	24.3	22.9	21.5	20.1	52.3	6.4	24.0	22.9	21.8	20.7	19.6	18.6
	57	53.1	5.9	31.6	30.2	28.8	27.4	26.0	24.6	50.3	6.2	27.4	26.3	25.2	24.2	23.1	22.0
3500	77	81.4	6.5	-15.7	-18.0	-20.4	-	-	-	75.7	7.0	-21.5	-23.4	-25.3	-	-	-
	72	73.0	6.3	2.7	0.4	-2.0	-4.3	-	-	68.0	6.8	-2.1	-4.0	-5.9	-7.8	-	-
	67	64.5	6.1	21.1	18.8	16.4	14.1	11.7	-	60.3	6.5	17.3	15.4	13.5	11.6	9.7	-
	62	57.9	5.9	40.8	38.5	36.1	33.8	31.4	29.1	53.9	6.2	37.8	35.9	34.0	32.1	30.2	28.3
	57	55.1	5.7	44.3	43.6	42.9	40.6	38.2	35.9	51.8	6.0	40.4	39.9	39.3	37.4	35.5	33.6
4000	77	84.3	6.3	-20.5	-23.8	-27.1	-	-	-	78.0	6.9	-29.1	-31.8	-34.6	-	-	-
	72	75.6	6.1	4.0	0.7	-2.6	-6.0	-	-	70.0	6.6	-2.7	-5.4	-8.2	-10.9	-	-
	67	66.8	5.9	28.4	25.1	21.8	18.5	15.2	-	62.1	6.3	23.7	21.0	18.2	15.5	12.8	-
	62	59.9	5.7	54.6	51.3	48.0	44.7	41.4	38.1	55.5	6.1	51.7	48.9	46.2	43.5	40.7	38.0
	57	57.0	5.5	57.0	57.0	57.0	53.7	50.4	47.1	53.4	5.9	53.4	53.4	53.4	50.6	47.9	45.1
4500	72	76.6	6.0	4.7	0.8	-3.1	-7.1	-	-	71.0	6.5	-4.1	-7.7	-11.2	-14.7	-	-
	67	67.8	5.8	33.7	29.8	25.9	22.0	18.1	-	62.9	6.3	30.3	26.8	23.3	19.7	16.2	-
	62	60.8	5.6	58.1	56.5	54.8	50.9	47.0	43.0	56.2	6.0	54.3	53.0	51.6	48.1	44.5	41.0
	57	57.8	5.4	57.8	57.8	57.8	53.9	50.0	46.1	54.1	5.8	54.1	54.1	54.1	50.6	47.0	43.5
5000	72	77.7	6.0	5.4	0.9	-3.6	-8.2	-	-	71.9	6.4	-5.6	-9.9	-14.2	-18.5	-	-
	67	68.7	5.8	39.0	34.5	30.0	25.4	20.9	-	63.7	6.2	36.9	32.6	28.3	24.0	19.6	-
	62	61.6	5.6	61.6	61.6	61.6	57.1	52.5	48.0	57.0	5.9	57.0	57.0	57.0	52.7	48.3	44.0
	57	58.6	5.4	58.6	58.6	58.6	54.1	49.6	45.0	54.8	5.7	54.8	54.8	54.8	50.5	46.2	41.8

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 72: KY12 reheat capacity (10 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total input[2] (kW)	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total input[2](kW)	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
75°F										85°F							
2500	77	66.7	7.8	-6.3	-6.4	-6.5	-	-	-	62.2	8.3	-6.5	-6.3	-6.2	-	-	-
	72	60.0	7.5	-2.0	-2.0	-2.1	-2.2	-	-	56.1	7.9	-3.1	-3.0	-2.8	-2.7	-	-
	67	53.3	7.2	2.4	2.3	2.3	2.2	2.1	-	50.1	7.5	0.3	0.4	0.6	0.7	0.8	-
	62	47.5	6.8	7.0	6.9	6.8	6.8	6.7	6.7	44.4	7.0	3.8	3.9	4.1	4.2	4.3	4.5
3000	77	68.3	7.7	-16.8	-17.6	-18.3	-	-	-	63.2	8.2	-19.7	-20.2	-20.6	-	-	-
	72	61.5	7.4	-4.4	-5.2	-6.0	-6.7	-	-	57.0	7.8	-7.4	-7.8	-8.3	-8.7	-	-
	67	54.7	7.0	7.9	7.2	6.4	5.6	4.9	-	50.9	7.4	5.0	4.5	4.1	3.6	3.2	-
	62	48.7	6.7	20.9	20.1	19.4	18.6	17.8	17.1	45.2	7.0	17.8	17.4	16.9	16.5	16.0	15.6
	57	47.4	6.5	23.2	22.4	21.7	20.9	20.1	19.4	44.6	6.8	19.0	18.5	18.1	17.6	17.2	16.7
3500	77	70.0	7.6	-27.2	-28.7	-30.2	-	-	-	64.2	8.2	-33.0	-34.0	-35.1	-	-	-
	72	63.0	7.3	-6.9	-8.3	-9.8	-11.3	-	-	58.0	7.8	-11.7	-12.7	-13.7	-14.8	-	-
	67	56.0	6.9	13.5	12.0	10.5	9.1	7.6	-	51.7	7.3	9.7	8.6	7.6	6.6	5.5	-
	62	49.9	6.6	34.8	33.4	31.9	30.4	28.9	27.5	45.9	6.9	31.8	30.8	29.8	28.7	27.7	26.7
	57	48.6	6.4	36.5	36.1	35.7	34.2	32.7	31.3	45.3	6.7	32.5	32.3	32.1	31.0	30.0	29.0
4000	77	71.6	7.5	-37.7	-39.9	-42.0	-	-	-	65.2	8.1	-46.3	-47.9	-49.5	-	-	-
	72	64.5	7.1	-9.3	-11.5	-13.7	-15.9	-	-	58.9	7.7	-16.0	-17.6	-19.2	-20.8	-	-
	67	57.3	6.8	19.0	16.9	14.7	12.5	10.3	-	52.5	7.3	14.4	12.7	11.1	9.5	7.9	-
	62	51.1	6.5	48.8	46.6	44.4	42.2	40.1	37.9	46.6	6.9	45.8	44.2	42.6	41.0	39.4	37.8
	57	49.7	6.3	49.7	49.7	49.7	47.5	45.3	43.2	46.0	6.6	46.0	46.0	46.0	44.4	42.8	41.2
4500	72	65.3	7.0	-12.9	-16.1	-19.2	-22.4	-	-	59.6	7.5	-21.7	-24.5	-27.3	-30.0	-	-
	67	58.0	6.7	26.9	23.8	20.6	17.5	14.3	-	53.2	7.1	23.5	20.8	18.0	15.3	12.5	-
	62	51.7	6.3	50.6	49.5	48.4	45.2	42.1	38.9	47.2	6.7	46.8	46.0	45.2	42.4	39.7	36.9
	57	50.3	6.1	50.3	50.3	50.3	47.2	44.0	40.9	46.6	6.5	46.6	46.6	46.6	43.8	41.1	38.3
5000	72	66.1	6.9	-16.5	-20.7	-24.8	-28.9	-	-	60.3	7.3	-27.5	-31.4	-35.3	-39.2	-	-
	67	58.8	6.5	34.8	30.7	26.6	22.5	18.4	-	53.8	6.9	32.7	28.8	24.9	21.0	17.1	-
	62	52.4	6.2	52.4	52.4	52.4	48.2	44.1	40.0	47.7	6.5	47.7	47.7	47.7	43.8	39.9	36.0
	57	51.0	6.0	51.0	51.0	51.0	46.9	42.7	38.6	47.1	6.3	47.1	47.1	47.1	43.2	39.3	35.4

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

KL04 to 14 reheat capacities

Table 73: KL04 reheat capacity (3 ton, 35°F to 45°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		35°F								45°F							
750	77	58.3	2.1	16.6	13.5	10.3	-	-	-	43.0	2.2	8.9	6.4	3.8	-	-	-
	72	46.0	1.9	20.0	16.8	13.6	10.5	-	-	35.2	2.0	12.5	9.9	7.4	4.8	-	-
	67	33.6	1.7	23.3	20.1	17.0	13.8	10.6	-	27.4	1.9	16.0	13.5	10.9	8.4	5.9	-
	62	28.9	1.7	28.9	28.9	28.9	27.0	23.8	20.7	23.6	1.8	23.6	22.7	19.8	17.3	14.7	12.2
900	77	51.2	2.1	17.8	14.1	10.3	-	-	-	40.0	2.1	9.7	6.6	3.5	-	-	-
	72	40.1	1.9	19.7	15.9	12.2	8.4	-	-	32.7	2.0	13.0	9.9	6.8	3.7	-	-
	67	29.0	1.7	21.5	17.8	14.0	10.3	6.5	-	25.5	1.9	16.2	13.1	10.1	7.0	3.9	-
	62	24.8	1.7	24.8	24.8	24.7	20.9	17.2	13.4	22.0	1.8	22.0	21.3	18.2	15.1	12.1	9.0
	57	26.8	1.7	26.8	26.8	26.8	26.1	22.3	18.6	20.0	1.8	20.0	20.0	20.0	16.9	13.8	10.7
1050	77	44.1	2.0	19.0	14.7	10.3	-	-	-	36.9	2.1	10.5	6.8	3.2	-	-	-
	72	34.2	1.8	19.4	15.0	10.7	6.4	-	-	30.2	1.9	13.4	9.8	6.2	2.6	-	-
	67	24.3	1.6	19.8	15.4	11.1	6.8	2.4	-	23.5	1.8	16.4	12.8	9.2	5.6	1.9	-
	62	20.8	1.6	20.8	20.8	19.2	14.9	10.6	6.2	20.3	1.7	20.3	19.9	16.6	13.0	9.4	5.8
	57	23.3	1.6	23.3	23.3	23.3	20.5	16.1	11.8	18.4	1.8	18.4	18.4	18.4	14.8	11.2	7.6
1200	77	36.9	2.0	20.2	15.3	10.4	-	-	-	33.8	2.0	11.2	7.1	2.9	-	-	-
	72	28.3	1.8	19.1	14.2	9.3	4.3	-	-	27.7	1.9	13.9	9.8	5.6	1.5	-	-
	67	19.6	1.6	18.0	13.1	8.2	3.3	-1.7	-	21.5	1.8	16.6	12.5	8.3	4.2	0.0	-
	62	16.8	1.6	16.8	16.8	13.8	8.9	3.9	-1.0	18.6	1.7	18.6	18.6	15.1	10.9	6.7	2.6
	57	19.7	1.6	19.7	19.7	19.7	14.8	9.9	5.0	16.9	1.7	16.9	16.9	16.9	12.7	8.6	4.4
1350	72	28.3	1.8	21.4	15.8	10.2	4.7	-	-	28.0	1.9	15.8	11.1	6.3	1.5	-	-
	67	19.6	1.6	19.6	14.1	8.6	3.0	-2.6	-	21.8	1.8	18.8	14.1	9.3	4.6	-0.2	-
	62	16.7	1.6	16.7	16.7	14.9	9.3	3.7	-1.8	18.8	1.7	18.8	18.8	16.9	12.1	7.3	2.6
	57	19.8	1.6	19.8	19.8	19.8	14.2	8.7	3.1	17.1	1.7	17.1	17.1	17.1	12.3	7.6	2.8
1500	72	28.3	1.8	23.7	17.4	11.2	5.0	-	-	28.4	1.9	17.7	12.3	7.0	1.6	-	-
	67	19.5	1.6	19.5	15.2	9.0	2.8	-3.5	-	22.1	1.7	21.0	15.7	10.3	5.0	-0.4	-
	62	16.7	1.6	16.7	16.7	16.0	9.7	3.5	-2.7	19.0	1.7	19.0	19.0	18.7	13.3	8.0	2.6
	57	19.9	1.6	19.9	19.9	19.9	13.6	7.4	1.2	17.3	1.7	17.3	17.3	17.3	12.0	6.6	1.2

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 74: KL04 reheat capacity (3 ton, 55°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		55°F								65°F							
750	77	27.7	2.2	1.2	-0.7	-2.6	-	-	-	25.3	2.4	-0.7	-1.9	-3.2	-	-	-
	72	24.5	2.1	5.0	3.1	1.1	-0.8	-	-	22.0	2.3	2.4	1.1	-0.2	-1.4	-	-
	67	21.2	2.1	8.7	6.8	4.9	3.0	1.1	-	18.8	2.2	5.4	4.1	2.8	1.6	0.3	-
	62	18.4	1.9	14.7	11.4	9.4	7.5	5.6	3.7	15.7	2.0	9.5	7.6	6.3	5.0	3.8	2.5
900	77	28.7	2.2	1.6	-0.8	-3.2	-	-	-	25.9	2.3	-1.7	-3.3	-4.9	-	-	-
	72	25.3	2.1	6.2	3.8	1.4	-1.0	-	-	22.6	2.2	2.6	1.0	-0.6	-2.1	-	-
	67	22.0	2.0	10.9	8.5	6.1	3.7	1.3	-	19.3	2.1	6.9	5.3	3.7	2.2	0.6	-
	62	19.1	1.9	16.6	14.2	11.7	9.3	6.9	4.5	16.1	2.0	11.7	10.2	8.6	7.1	5.5	3.9
	57	13.1	1.9	13.1	12.5	10.1	7.7	5.3	2.8	12.1	2.0	10.4	9.7	8.1	6.6	5.0	3.5
1050	77	29.7	2.2	1.9	-1.0	-3.9	-	-	-	26.6	2.3	-2.8	-4.7	-6.6	-	-	-
	72	26.2	2.1	7.5	4.6	1.7	-1.2	-	-	23.2	2.2	2.8	0.9	-1.0	-2.8	-	-
	67	22.7	2.0	13.1	10.2	7.3	4.4	1.4	-	19.8	2.1	8.4	6.5	4.6	2.8	0.9	-
	62	19.7	1.8	18.5	17.0	14.0	11.1	8.2	5.3	16.5	2.0	14.0	12.8	11.0	9.1	7.2	5.3
	57	13.6	1.9	13.6	13.3	12.1	9.1	6.2	3.3	12.5	2.0	11.6	11.2	10.5	8.6	6.7	4.9
1200	77	30.6	2.1	2.3	-1.1	-4.5	-	-	-	27.3	2.2	-3.9	-6.1	-8.3	-	-	-
	72	27.0	2.0	8.8	5.4	2.0	-1.4	-	-	23.8	2.1	3.0	0.8	-1.4	-3.5	-	-
	67	23.4	1.9	15.3	11.9	8.5	5.1	1.6	-	20.3	2.0	9.9	7.7	5.5	3.4	1.2	-
	62	20.4	1.8	20.4	19.8	16.3	12.9	9.5	6.1	17.0	1.9	16.2	15.5	13.3	11.1	8.9	6.8
	57	14.0	1.9	14.0	14.0	14.0	10.6	7.2	3.8	12.8	1.9	12.8	12.8	12.8	10.6	8.4	6.2
1350	72	27.7	2.0	10.3	6.3	2.3	-1.6	-	-	24.0	2.1	3.0	0.6	-1.9	-4.4	-	-
	67	24.0	1.9	18.0	14.0	10.0	6.1	2.1	-	20.5	2.0	11.7	9.2	6.7	4.3	1.8	-
	62	20.9	1.8	20.9	20.6	18.9	14.9	11.0	7.0	17.2	1.9	16.8	16.4	15.3	12.9	10.4	7.9
	57	14.4	1.8	14.4	14.4	14.4	10.4	6.5	2.5	12.9	1.9	12.9	12.9	12.9	10.4	8.0	5.5
1500	72	28.4	2.0	11.7	7.2	2.7	-1.8	-	-	24.3	2.1	3.1	0.3	-2.4	-5.2	-	-
	67	24.7	1.9	20.6	16.1	11.6	7.1	2.6	-	20.8	2.0	13.4	10.7	7.9	5.2	2.4	-
	62	21.4	1.8	21.4	21.4	21.4	16.9	12.4	7.9	17.4	1.9	17.4	17.4	17.4	14.6	11.9	9.1
	57	14.8	1.8	14.8	14.8	14.8	10.3	5.8	1.3	13.0	1.9	13.0	13.0	13.0	10.3	7.5	4.8
		75°F								85°F							
750	77	22.8	2.5	-2.5	-3.1	-3.7	-	-	-	20.3	2.6	-4.4	-4.3	-4.3	-	-	-
	72	19.6	2.4	-0.3	-0.9	-1.5	-2.0	-	-	17.1	2.5	-2.9	-2.8	-2.7	-2.7	-	-
	67	16.3	2.2	2.0	1.4	0.8	0.2	-0.4	-	13.9	2.3	-1.4	-1.3	-1.2	-1.2	-1.1	-
	62	13.0	2.2	4.3	3.7	3.2	2.6	2.0	1.4	10.2	2.3	-0.8	-0.1	0.0	0.1	0.1	0.2
900	77	23.1	2.5	-5.1	-5.8	-6.5	-	-	-	20.4	2.6	-8.4	-8.2	-8.1	-	-	-
	72	19.9	2.3	-1.1	-1.8	-2.5	-3.2	-	-	17.1	2.4	-4.8	-4.7	-4.5	-4.4	-	-
	67	16.6	2.2	2.8	2.1	1.4	0.7	0.0	-	13.9	2.3	-1.2	-1.1	-0.9	-0.8	-0.6	-
	62	13.2	2.1	6.9	6.2	5.5	4.8	4.1	3.4	10.2	2.3	2.1	2.2	2.4	2.5	2.7	2.8
	57	11.2	2.1	7.6	6.9	6.2	5.5	4.8	4.1	10.2	2.2	4.8	4.1	4.3	4.4	4.5	4.7
1050	77	23.5	2.4	-7.6	-8.4	-9.3	-	-	-	20.4	2.5	-12.4	-12.2	-11.9	-	-	-
	72	20.2	2.3	-2.0	-2.8	-3.6	-4.4	-	-	17.2	2.4	-6.7	-6.5	-6.3	-6.1	-	-
	67	16.8	2.2	3.7	2.8	2.0	1.2	0.4	-	13.9	2.2	-1.1	-0.8	-0.6	-0.4	-0.2	-
	62	13.4	2.1	9.5	8.7	7.9	7.0	6.2	5.4	10.2	2.2	5.0	4.5	4.8	5.0	5.2	5.4
	57	11.3	2.0	9.6	9.2	8.8	8.0	7.2	6.4	10.2	2.1	7.5	7.2	7.2	7.5	7.7	7.9
1200	77	23.9	2.3	-10.2	-11.1	-12.0	-	-	-	20.5	2.5	-16.4	-16.1	-15.8	-	-	-
	72	20.5	2.2	-2.8	-3.8	-4.7	-5.6	-	-	17.2	2.3	-8.7	-8.4	-8.0	-7.7	-	-
	67	17.1	2.1	4.5	3.5	2.6	1.7	0.7	-	13.9	2.2	-0.9	-0.6	-0.3	0.0	0.3	-
	62	13.6	2.0	12.1	11.1	10.2	9.3	8.3	7.4	10.2	2.1	7.9	6.8	7.1	7.5	7.8	8.1
	57	11.5	2.0	11.5	11.5	11.5	10.6	9.6	8.7	10.2	2.1	10.2	10.2	10.2	10.2	10.2	10.2
1350	72	20.3	2.2	-4.2	-5.2	-6.1	-7.1	-	-	16.6	2.3	-11.4	-10.9	-10.4	-9.9	-	-
	67	17.0	2.1	5.4	4.4	3.4	2.4	1.5	-	13.4	2.2	-0.9	-0.4	0.1	0.6	1.1	-
	62	13.5	2.0	12.7	12.3	11.8	10.8	9.8	8.9	9.8	2.1	8.7	8.1	8.3	8.8	9.3	9.8
	57	11.4	2.0	11.4	11.4	11.4	10.4	9.5	8.5	9.9	2.0	9.9	9.9	9.9	9.9	9.9	9.9
1500	72	20.2	2.2	-5.5	-6.5	-7.6	-8.6	-	-	16.1	2.3	-14.1	-13.4	-12.7	-12.0	-	-
	67	16.9	2.1	6.2	5.2	4.2	3.2	2.2	-	13.0	2.2	-1.0	-0.2	0.5	1.2	1.9	-
	62	13.4	2.0	13.4	13.4	13.4	12.4	11.3	10.3	9.4	2.1	9.4	9.4	9.4	9.4	9.4	9.4
	57	11.3	2.0	11.3	11.3	11.3	10.3	9.3	8.3	9.6	2.0	9.6	9.6	9.6	9.6	9.6	9.6

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 75: KL05 reheat capacity (4 ton, 35°F to 65°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		35°F								45°F							
1000	77	50.5	2.6	12.7	10.2	7.7	-	-	-	41.2	2.8	6.3	4.6	2.8	-	-	-
	72	44.3	2.4	17.8	15.3	12.9	10.4	-	-	36.9	2.6	11.2	9.4	7.7	5.9	-	-
	67	38.1	2.3	22.9	20.5	18.0	15.5	13.1	-	32.6	2.5	16.0	14.2	12.5	10.7	9.0	-
	62	34.5	2.2	34.1	31.6	29.2	26.7	24.3	21.8	29.5	2.4	23.7	21.9	20.2	18.4	16.7	14.9
1200	77	48.4	2.5	13.6	11.3	9.0	-	-	-	41.6	2.8	6.9	5.0	3.0	-	-	-
	72	42.3	2.4	17.6	15.3	13.0	10.7	-	-	37.3	2.6	12.1	10.1	8.2	6.3	-	-
	67	36.3	2.2	21.5	19.2	16.9	14.6	12.3	-	32.9	2.4	17.3	15.3	13.4	11.5	9.6	-
	62	32.8	2.2	32.1	29.7	27.4	25.1	22.8	20.5	29.7	2.3	25.5	23.6	21.7	19.8	17.8	15.9
	57	36.0	2.1	36.0	36.0	34.7	32.4	30.0	27.7	28.3	2.3	28.3	26.7	24.8	22.9	20.9	19.0
1400	77	46.3	2.5	14.6	12.5	10.3	-	-	-	42.0	2.7	7.4	5.3	3.2	-	-	-
	72	40.4	2.3	17.4	15.2	13.1	10.9	-	-	37.6	2.5	13.0	10.9	8.8	6.7	-	-
	67	34.4	2.2	20.1	17.9	15.8	13.6	11.5	-	33.3	2.4	18.5	16.4	14.3	12.2	10.1	-
	62	31.2	2.1	30.0	27.9	25.7	23.5	21.4	19.2	30.0	2.3	27.4	25.3	23.2	21.1	19.0	16.9
	57	34.8	2.1	34.8	34.8	33.6	31.5	29.3	27.2	28.6	2.2	28.6	27.8	26.5	24.4	22.3	20.2
1600	77	44.2	2.4	15.6	13.6	11.6	-	-	-	42.4	2.7	8.0	5.7	3.4	-	-	-
	72	38.4	2.3	17.2	15.2	13.2	11.2	-	-	38.0	2.5	13.9	11.6	9.4	7.1	-	-
	67	32.6	2.1	18.7	16.7	14.7	12.7	10.7	-	33.6	2.3	19.8	17.5	15.3	13.0	10.7	-
	62	29.5	2.1	28.0	26.0	24.0	22.0	20.0	18.0	30.3	2.2	29.2	26.9	24.7	22.4	20.1	17.9
	57	33.6	2.0	33.6	33.6	32.6	30.6	28.6	26.6	28.9	2.2	28.9	28.9	28.2	26.0	23.7	21.4
1800	72	37.5	2.3	18.2	16.1	14.1	12.0	-	-	37.9	2.5	15.0	12.5	10.1	7.6	-	-
	67	31.8	2.1	19.6	17.6	15.5	13.5	11.4	-	33.5	2.3	21.4	18.9	16.4	14.0	11.5	-
	62	28.9	2.1	28.1	27.1	25.3	23.3	21.2	19.1	30.2	2.2	29.7	28.5	26.6	24.1	21.6	19.2
	57	33.0	2.0	33.0	33.0	32.5	30.5	28.4	26.4	28.8	2.2	28.8	28.8	28.5	26.0	23.5	21.1
2000	72	36.7	2.2	19.2	17.1	15.0	12.9	-	-	37.8	2.4	16.1	13.4	10.8	8.1	-	-
	67	31.1	2.1	20.6	18.4	16.3	14.2	12.1	-	33.4	2.3	22.9	20.3	17.6	14.9	12.3	-
	62	28.2	2.0	28.2	28.2	26.7	24.5	22.4	20.3	30.1	2.2	30.1	30.1	28.4	25.8	23.1	20.5
	57	32.5	2.0	32.5	32.5	32.5	30.3	28.2	26.1	28.7	2.1	28.7	28.7	28.7	26.1	23.4	20.7
		55°F								65°F							
1000	77	31.8	3.0	0.0	-1.1	-2.1	-	-	-	33.3	3.1	-2.7	-3.7	-4.7	-	-	-
	72	29.5	2.9	4.5	3.5	2.4	1.4	-	-	29.8	3.0	3.1	2.1	1.1	0.0	-	-
	67	27.1	2.7	9.1	8.0	7.0	5.9	4.9	-	26.3	2.8	8.9	7.9	6.8	5.8	4.8	-
	62	24.4	2.5	13.3	12.2	11.2	10.1	9.1	8.1	22.5	2.7	14.6	13.6	12.6	11.5	10.5	9.5
1200	77	34.8	3.0	0.1	-1.4	-3.0	-	-	-	34.8	3.1	-2.8	-4.1	-5.4	-	-	-
	72	32.2	2.8	6.6	5.0	3.5	1.9	-	-	31.2	2.9	4.2	2.9	1.6	0.2	-	-
	67	29.6	2.6	13.0	11.5	9.9	8.4	6.8	-	27.6	2.8	11.2	9.9	8.5	7.2	5.9	-
	62	26.7	2.5	19.0	17.5	15.9	14.4	12.8	11.3	23.7	2.6	18.0	16.7	15.4	14.1	12.8	11.4
	57	20.7	2.4	18.0	16.5	14.9	13.4	11.9	10.3	20.2	2.6	18.6	17.3	16.0	14.7	13.3	12.0
1400	77	37.7	2.9	0.2	-1.8	-3.9	-	-	-	36.4	3.0	-2.9	-4.5	-6.1	-	-	-
	72	34.9	2.8	8.6	6.6	4.5	2.5	-	-	32.6	2.9	5.3	3.7	2.1	0.4	-	-
	67	32.1	2.6	17.0	14.9	12.9	10.8	8.8	-	28.9	2.7	13.5	11.9	10.3	8.6	7.0	-
	62	28.9	2.4	24.8	22.7	20.7	18.6	16.6	14.5	24.9	2.6	21.5	19.9	18.3	16.6	15.0	13.4
	57	22.5	2.4	21.1	20.4	19.4	17.3	15.3	13.2	21.1	2.5	20.3	19.7	18.8	17.1	15.5	13.9
1600	77	40.7	2.9	0.3	-2.2	-4.8	-	-	-	37.9	2.9	-3.0	-4.9	-6.8	-	-	-
	72	37.6	2.7	10.6	8.1	5.5	3.0	-	-	34.1	2.8	6.4	4.5	2.6	0.6	-	-
	67	34.6	2.5	20.9	18.4	15.8	13.3	10.7	-	30.2	2.7	15.8	13.9	12.0	10.0	8.1	-
	62	31.2	2.4	30.5	27.9	25.4	22.8	20.3	17.7	26.0	2.5	25.0	23.1	21.1	19.2	17.2	15.3
	57	24.2	2.3	24.2	24.2	23.8	21.3	18.7	16.2	22.0	2.5	22.0	22.0	21.5	19.6	17.7	15.7
1800	72	38.2	2.7	11.8	8.9	6.1	3.2	-	-	34.1	2.8	7.2	5.0	2.8	0.6	-	-
	67	35.2	2.5	23.1	20.2	17.3	14.5	11.6	-	30.3	2.6	17.3	15.2	13.0	10.8	8.7	-
	62	31.6	2.3	31.3	30.0	27.8	24.9	22.0	19.2	26.1	2.5	25.6	24.6	22.9	20.8	18.6	16.4
	57	24.6	2.3	24.6	24.6	24.4	21.5	18.6	15.8	22.0	2.5	22.0	22.0	21.8	19.6	17.5	15.3
2000	72	38.8	2.6	13.0	9.8	6.6	3.4	-	-	34.1	2.7	7.9	5.5	3.1	0.7	-	-
	67	35.7	2.5	25.3	22.1	18.9	15.6	12.4	-	30.3	2.6	18.8	16.5	14.1	11.7	9.3	-
	62	32.1	2.3	32.1	32.1	30.2	27.0	23.8	20.6	26.1	2.5	26.1	26.1	24.7	22.3	19.9	17.5
	57	25.0	2.3	25.0	25.0	25.0	21.8	18.6	15.4	22.1	2.4	22.1	22.1	22.1	19.7	17.3	14.9

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 76: KL05 reheat capacity (4 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
1000	77	34.7	3.2	-5.4	-6.4	-7.4	-	-	-	36.1	3.3	-8.1	-9.0	-10.0	-	-	-
	72	30.1	3.1	1.6	0.7	-0.3	-1.3	-	-	30.4	3.2	0.2	-0.8	-1.7	-2.7	-	-
	67	25.5	2.9	8.7	7.7	6.7	5.7	4.7	-	24.7	3.1	8.4	7.5	6.6	5.6	4.7	-
	62	20.6	2.8	15.9	14.9	13.9	12.9	12.0	11.0	18.7	3.0	17.2	16.2	15.3	14.3	13.4	12.4
1200	77	34.9	3.1	-5.7	-6.8	-7.9	-	-	-	34.9	3.2	-8.6	-9.4	-10.3	-	-	-
	72	30.2	3.0	1.8	0.7	-0.4	-1.4	-	-	29.3	3.1	-0.5	-1.4	-2.3	-3.1	-	-
	67	25.6	2.9	9.4	8.3	7.2	6.1	5.0	-	23.6	3.0	7.5	6.7	5.8	4.9	4.1	-
	62	20.7	2.8	17.1	16.0	14.9	13.8	12.7	11.6	17.8	2.9	16.1	15.2	14.4	13.5	12.6	11.8
	57	19.6	2.7	19.2	18.1	17.0	15.9	14.8	13.8	19.1	2.9	19.1	18.9	18.1	17.2	16.3	15.5
1400	77	35.0	3.1	-6.0	-7.2	-8.4	-	-	-	33.7	3.2	-9.1	-9.9	-10.6	-	-	-
	72	30.4	3.0	2.1	0.8	-0.4	-1.6	-	-	28.1	3.1	-1.2	-2.0	-2.8	-3.6	-	-
	67	25.7	2.8	10.1	8.9	7.6	6.4	5.2	-	22.5	3.0	6.6	5.8	5.0	4.2	3.4	-
	62	20.8	2.7	18.3	17.1	15.9	14.7	13.4	12.2	16.8	2.9	15.1	14.3	13.5	12.7	11.9	11.1
	57	19.7	2.7	19.5	19.0	18.2	16.9	15.7	14.5	18.3	2.8	18.3	18.3	17.5	16.7	15.9	15.2
1600	77	35.2	3.0	-6.2	-7.6	-8.9	-	-	-	32.4	3.1	-9.5	-10.3	-11.0	-	-	-
	72	30.5	2.9	2.3	0.9	-0.4	-1.7	-	-	26.9	3.0	-1.9	-2.6	-3.4	-4.1	-	-
	67	25.8	2.8	10.8	9.4	8.1	6.8	5.5	-	21.4	2.9	5.7	5.0	4.3	3.5	2.8	-
	62	20.9	2.7	19.5	18.2	16.8	15.5	14.2	12.9	15.8	2.8	14.0	13.3	12.6	11.9	11.1	10.4
	57	19.8	2.6	19.8	19.8	19.3	17.9	16.6	15.3	17.6	2.8	17.6	17.6	17.0	16.3	15.5	14.8
1800	72	30.0	2.9	2.5	1.0	-0.4	-1.9	-	-	25.9	3.0	-2.2	-2.9	-3.7	-4.4	-	-
	67	25.4	2.8	11.6	10.1	8.7	7.2	5.8	-	20.5	2.9	5.8	5.1	4.4	3.6	2.9	-
	62	20.5	2.7	19.8	19.2	18.0	16.6	15.1	13.7	15.0	2.8	14.1	13.8	13.1	12.4	11.7	10.9
	57	19.5	2.6	19.5	19.5	19.2	17.7	16.3	14.8	16.9	2.8	16.9	16.9	16.6	15.8	15.1	14.4
2000	72	29.5	2.9	2.7	1.1	-0.5	-2.0	-	-	24.8	3.0	-2.4	-3.2	-4.0	-4.7	-	-
	67	24.9	2.8	12.4	10.8	9.3	7.7	6.1	-	19.6	2.9	6.0	5.2	4.5	3.7	2.9	-
	62	20.2	2.6	20.2	20.2	19.2	17.6	16.1	14.5	14.2	2.8	14.2	14.2	13.7	12.9	12.2	11.4
	57	19.1	2.6	19.1	19.1	19.1	17.5	16.0	14.4	16.2	2.8	16.2	16.2	16.2	15.4	14.7	13.9

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 77: KL06 reheat capacity (5 ton, 35°F to 65°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		35°F								45°F							
1250	77	47.9	3.1	-2.5	-4.8	-7.2	-	-	-	44.5	3.3	-3.6	-5.4	-7.2	-	-	-
	72	45.3	3.0	10.4	8.0	5.6	3.2	-	-	41.1	3.2	6.9	5.1	3.3	1.5	-	-
	67	42.6	3.0	23.2	20.8	18.4	16.0	13.6	-	37.7	3.0	17.3	15.5	13.7	11.9	10.1	-
	62	42.8	2.9	39.2	36.8	34.4	32.0	29.6	27.3	33.5	2.9	27.7	25.9	24.1	22.3	20.5	18.7
1500	77	45.4	2.9	-1.8	-4.1	-6.4	-	-	-	43.7	3.2	-3.7	-5.6	-7.5	-	-	-
	72	42.9	2.9	10.2	7.9	5.6	3.3	-	-	40.4	3.1	7.2	5.3	3.4	1.5	-	-
	67	40.5	2.8	22.3	20.0	17.7	15.4	13.1	-	37.0	2.9	18.0	16.1	14.2	12.4	10.5	-
	62	41.0	2.7	38.2	35.9	33.6	31.3	29.0	26.7	32.9	2.8	28.8	26.9	25.0	23.1	21.2	19.3
	57	38.0	2.7	38.0	38.0	36.6	34.3	32.0	29.7	30.4	2.7	30.4	29.2	27.3	25.4	23.5	21.6
1750	77	42.8	2.7	-1.2	-3.4	-5.6	-	-	-	42.9	3.1	-3.8	-5.8	-7.8	-	-	-
	72	40.6	2.7	10.1	7.9	5.7	3.5	-	-	39.6	2.9	7.5	5.5	3.5	1.5	-	-
	67	38.4	2.6	21.4	19.2	17.0	14.8	12.6	-	36.3	2.8	18.7	16.7	14.7	12.8	10.8	-
	62	39.2	2.5	37.2	35.0	32.8	30.6	28.4	26.2	32.3	2.7	29.9	27.9	25.9	23.9	21.9	19.9
	57	36.4	2.5	36.4	36.4	35.7	33.5	31.3	29.1	29.8	2.6	29.8	29.2	28.3	26.3	24.3	22.3
2000	77	40.2	2.5	-0.6	-2.7	-4.8	-	-	-	42.1	2.9	-3.8	-5.9	-8.0	-	-	-
	72	38.2	2.5	10.0	7.9	5.8	3.7	-	-	38.9	2.8	7.8	5.7	3.6	1.5	-	-
	67	36.2	2.5	20.5	18.4	16.3	14.2	12.1	-	35.6	2.7	19.4	17.3	15.3	13.2	11.1	-
	62	37.4	2.4	36.2	34.1	32.0	29.9	27.8	25.7	31.7	2.6	30.9	28.8	26.8	24.7	22.6	20.5
	57	34.7	2.3	34.7	34.7	34.7	32.6	30.5	28.4	29.3	2.5	29.3	29.3	29.3	27.2	25.1	23.0
2250	72	37.9	2.5	10.0	8.0	6.0	4.0	-	-	39.1	2.8	8.2	6.0	3.8	1.7	-	-
	67	35.9	2.4	20.4	18.4	16.4	14.5	12.5	-	35.9	2.7	20.5	18.3	16.1	14.0	11.8	-
	62	37.2	2.3	36.7	35.5	32.6	30.6	28.6	26.6	31.9	2.5	31.5	30.5	28.3	26.1	24.0	21.8
	57	34.6	2.3	34.6	34.6	34.6	32.6	30.7	28.7	29.4	2.5	29.4	29.4	29.4	27.3	25.1	23.0
2500	72	37.5	2.4	10.0	8.1	6.3	4.4	-	-	39.4	2.7	8.5	6.3	4.0	1.8	-	-
	67	35.6	2.4	20.3	18.4	16.6	14.7	12.9	-	36.1	2.6	21.5	19.2	17.0	14.8	12.5	-
	62	37.1	2.3	37.1	37.0	33.2	31.3	29.5	27.6	32.1	2.5	32.1	32.1	29.8	27.6	25.4	23.1
	57	34.5	2.3	34.5	34.5	34.5	32.6	30.8	28.9	29.6	2.5	29.6	29.6	29.6	27.4	25.2	22.9
		55°F								65°F							
1250	77	41.1	3.5	-4.8	-6.0	-7.2	-	-	-	38.2	3.7	-8.5	-9.3	-10.0	-	-	-
	72	36.9	3.3	3.3	2.1	0.9	-0.3	-	-	33.4	3.5	-0.7	-1.4	-2.1	-2.9	-	-
	67	32.7	3.1	11.5	10.3	9.1	7.9	6.7	-	28.6	3.3	7.2	6.5	5.8	5.0	4.3	-
	62	24.3	2.9	16.2	15.0	13.8	12.6	11.4	10.2	21.6	3.1	13.3	12.6	11.9	11.1	10.4	9.7
1500	77	42.1	3.5	-5.6	-7.1	-8.6	-	-	-	38.7	3.6	-10.2	-11.2	-12.1	-	-	-
	72	37.8	3.3	4.1	2.6	1.1	-0.4	-	-	33.8	3.4	-0.7	-1.7	-2.6	-3.5	-	-
	67	33.5	3.0	13.8	12.3	10.8	9.3	7.8	-	29.0	3.2	8.7	7.8	6.9	6.0	5.0	-
	62	24.9	2.9	19.4	17.9	16.4	14.9	13.4	11.9	21.9	3.0	16.1	15.2	14.3	13.4	12.4	11.5
	57	22.7	2.8	21.0	19.6	18.1	16.6	15.1	13.6	19.9	3.0	17.1	16.2	15.3	14.3	13.4	12.5
1750	77	43.1	3.4	-6.4	-8.1	-9.9	-	-	-	39.1	3.5	-11.9	-13.1	-14.2	-	-	-
	72	38.7	3.2	4.8	3.1	1.3	-0.5	-	-	34.2	3.3	-0.8	-2.0	-3.1	-4.2	-	-
	67	34.3	3.0	16.0	14.3	12.5	10.7	8.9	-	29.4	3.1	10.3	9.1	8.0	6.9	5.8	-
	62	25.4	2.8	22.5	20.7	19.0	17.2	15.4	13.6	22.1	3.0	18.9	17.8	16.7	15.6	14.4	13.3
	57	23.2	2.7	22.4	21.7	20.9	19.1	17.3	15.6	20.1	2.9	18.7	18.3	17.8	16.7	15.6	14.4
2000	77	44.0	3.3	-7.1	-9.2	-11.3	-	-	-	39.5	3.5	-13.6	-15.0	-16.3	-	-	-
	72	39.5	3.1	5.6	3.5	1.5	-0.6	-	-	34.6	3.3	-0.9	-2.3	-3.6	-4.9	-	-
	67	35.0	2.9	18.3	16.3	14.2	12.1	10.1	-	29.7	3.1	11.8	10.5	9.1	7.8	6.5	-
	62	26.0	2.8	25.7	23.6	21.5	19.5	17.4	15.3	22.4	2.9	21.7	20.4	19.1	17.8	16.4	15.1
	57	23.8	2.7	23.8	23.8	23.8	21.7	19.6	17.6	20.4	2.8	20.4	20.4	20.4	19.0	17.7	16.4
2250	72	40.4	3.1	6.3	4.0	1.6	-0.7	-	-	34.8	3.2	-1.1	-2.6	-4.2	-5.7	-	-
	67	35.8	2.9	20.5	18.2	15.8	13.5	11.1	-	29.9	3.0	13.3	11.8	10.3	8.7	7.2	-
	62	26.6	2.7	26.4	25.4	24.0	21.7	19.3	17.0	22.5	2.9	22.2	21.5	20.7	19.2	17.7	16.2
	57	24.3	2.7	24.3	24.3	24.3	21.9	19.6	17.2	20.5	2.8	20.5	20.5	20.5	19.0	17.5	16.0
2500	72	41.2	3.1	7.1	4.4	1.8	-0.8	-	-	35.0	3.2	-1.4	-3.0	-4.7	-6.4	-	-
	67	36.6	2.9	22.7	20.1	17.4	14.8	12.2	-	30.0	3.0	14.8	13.1	11.4	9.7	8.0	-
	62	27.1	2.7	27.1	27.1	26.5	23.8	21.2	18.6	22.6	2.9	22.6	22.6	22.3	20.6	18.9	17.2
	57	24.8	2.6	24.8	24.8	24.8	22.2	19.5	16.9	20.6	2.8	20.6	20.6	20.6	18.9	17.2	15.5

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 78: KL06 reheat capacity (5 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
1250	77	35.3	3.8	-12.3	-12.5	-12.8	-	-	-	32.4	4.0	-16.0	-15.8	-15.6	-	-	-
	72	29.9	3.6	-4.7	-4.9	-5.2	-5.4	-	-	26.4	3.8	-8.7	-8.4	-8.2	-8.0	-	-
	67	24.5	3.4	3.0	2.7	2.4	2.2	1.9	-	20.5	3.6	-1.3	-1.1	-0.9	-0.7	-0.4	-
	62	18.9	3.3	10.5	10.2	10.0	9.7	9.5	9.2	16.2	3.4	7.6	7.9	8.1	8.3	8.5	8.7
1500	77	35.2	3.7	-14.9	-15.3	-15.6	-	-	-	31.8	3.9	-19.6	-19.4	-19.2	-	-	-
	72	29.9	3.5	-5.6	-6.0	-6.3	-6.7	-	-	25.9	3.7	-10.4	-10.2	-10.0	-9.8	-	-
	67	24.5	3.3	3.7	3.4	3.0	2.6	2.3	-	20.0	3.5	-1.3	-1.1	-0.9	-0.7	-0.5	-
	62	18.9	3.2	12.9	12.6	12.2	11.8	11.5	11.1	15.9	3.4	9.7	9.9	10.1	10.3	10.5	10.7
	57	17.0	3.1	13.2	12.8	12.5	12.1	11.7	11.4	14.2	3.3	9.3	9.5	9.6	9.8	10.0	10.2
1750	77	35.1	3.7	-17.5	-18.0	-18.5	-	-	-	31.2	3.8	-23.1	-22.9	-22.8	-	-	-
	72	29.8	3.5	-6.5	-7.0	-7.5	-7.9	-	-	25.4	3.6	-12.2	-12.0	-11.9	-11.7	-	-
	67	24.4	3.3	4.5	4.0	3.5	3.1	2.6	-	19.5	3.4	-1.3	-1.1	-0.9	-0.8	-0.6	-
	62	18.9	3.1	15.3	14.9	14.4	13.9	13.5	13.0	15.6	3.3	11.8	11.9	12.1	12.3	12.5	12.7
	57	17.0	3.1	15.1	14.9	14.7	14.2	13.8	13.3	13.9	3.2	11.4	11.5	11.6	11.8	12.0	12.2
2000	77	35.1	3.6	-20.2	-20.7	-21.3	-	-	-	30.6	3.7	-26.7	-26.5	-26.3	-	-	-
	72	29.7	3.4	-7.5	-8.0	-8.6	-9.2	-	-	24.8	3.5	-14.0	-13.8	-13.7	-13.5	-	-
	67	24.4	3.2	5.2	4.6	4.1	3.5	2.9	-	19.1	3.3	-1.3	-1.2	-1.0	-0.8	-0.6	-
	62	18.8	3.1	17.8	17.2	16.6	16.0	15.5	14.9	15.2	3.2	13.8	14.0	14.1	14.3	14.5	14.7
	57	17.0	3.0	17.0	17.0	17.0	16.4	15.8	15.2	13.6	3.2	13.6	13.6	13.6	13.6	13.6	13.6
2250	72	29.2	3.4	-8.6	-9.3	-9.9	-10.6	-	-	23.6	3.5	-16.1	-15.9	-15.7	-15.6	-	-
	67	24.0	3.2	6.0	5.4	4.7	4.0	3.4	-	18.1	3.3	-1.2	-1.0	-0.9	-0.7	-0.5	-
	62	18.5	3.0	18.0	17.7	17.4	16.7	16.1	15.4	14.4	3.2	13.7	13.8	14.1	14.3	14.4	14.4
	57	16.7	3.0	16.7	16.7	16.7	16.0	15.3	14.7	12.9	3.1	12.9	12.9	12.9	12.9	12.9	12.9
2500	72	28.7	3.3	-9.8	-10.5	-11.3	-12.0	-	-	22.4	3.5	-18.2	-18.0	-17.8	-17.6	-	-
	67	23.5	3.1	6.8	6.1	5.3	4.6	3.8	-	17.0	3.3	-1.1	-0.9	-0.7	-0.6	-0.4	-
	62	18.2	3.0	18.2	18.2	18.2	17.4	16.7	15.9	13.7	3.2	13.7	13.7	13.7	13.7	13.7	13.7
	57	16.4	2.9	16.4	16.4	16.4	15.6	14.9	14.1	12.2	3.1	12.2	12.2	12.2	12.2	12.2	12.2

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 79: KL08 reheat capacity (7.5 ton, 35°F to 65°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		35°F								45°F							
1875	77	52.9	4.5	-4.8	-6.9	-9.1	-	-	-	52.3	5.3	-4.4	-5.5	-6.7	-	-	-
	72	51.8	4.3	8.3	6.1	4.0	1.9	-	-	49.5	5.0	4.1	2.9	1.7	0.6	-	-
	67	50.6	4.1	21.3	19.2	17.1	15.0	12.8	-	46.7	4.8	12.5	11.3	10.2	9.0	7.8	-
	62	42.6	4.3	30.4	28.3	26.2	24.1	21.9	19.8	40.1	4.8	19.0	17.8	16.7	15.5	14.3	13.2
2250	77	55.0	4.5	-3.2	-5.8	-8.4	-	-	-	55.0	5.1	-5.9	-7.7	-9.4	-	-	-
	72	53.9	4.3	11.5	8.8	6.2	3.6	-	-	52.0	4.9	6.0	4.2	2.4	0.6	-	-
	67	52.8	4.1	26.1	23.5	20.9	18.3	15.6	-	49.1	4.7	17.8	16.1	14.3	12.5	10.7	-
	62	44.4	4.3	35.0	32.4	29.8	27.2	24.6	22.0	42.1	4.7	27.0	25.2	23.5	21.7	19.9	18.1
	57	40.0	4.3	39.7	37.1	34.5	31.9	29.3	26.7	38.8	4.6	30.5	28.7	26.9	25.1	23.4	21.6
2625	77	57.2	4.5	-1.6	-4.7	-7.8	-	-	-	57.6	5.0	-7.4	-9.8	-12.2	-	-	-
	72	56.0	4.3	14.6	11.5	8.4	5.3	-	-	54.5	4.8	7.9	5.5	3.1	0.7	-	-
	67	54.9	4.1	30.9	27.8	24.6	21.5	18.4	-	51.5	4.6	23.2	20.8	18.4	16.1	13.7	-
	62	46.1	4.3	39.6	36.5	33.4	30.3	27.2	24.1	44.1	4.6	35.0	32.6	30.2	27.9	25.5	23.1
	57	41.6	4.3	41.4	40.1	38.8	35.7	32.6	29.5	40.6	4.5	36.5	35.6	34.7	32.3	30.0	27.6
3000	77	59.3	4.5	0.0	-3.6	-7.2	-	-	-	60.3	4.9	-8.9	-11.9	-14.9	-	-	-
	72	58.2	4.3	17.8	14.2	10.6	7.0	-	-	57.1	4.7	9.8	6.8	3.8	0.8	-	-
	67	57.0	4.1	35.6	32.0	28.4	24.8	21.2	-	53.8	4.5	28.6	25.6	22.6	19.6	16.6	-
	62	47.9	4.3	44.2	40.6	37.0	33.4	29.8	26.2	46.2	4.5	43.0	40.0	37.0	34.0	31.0	28.0
	57	43.2	4.3	43.2	43.2	43.2	39.6	36.0	32.4	42.5	4.4	42.5	42.5	42.5	39.5	36.5	33.5
3375	72	47.8	5.2	16.8	13.8	10.9	8.0	-	-	53.3	5.1	9.7	6.6	3.6	0.5	-	-
	67	47.3	5.0	26.5	23.5	20.6	17.7	14.7	-	50.3	4.9	27.2	24.1	21.0	17.9	14.8	-
	62	39.5	5.2	35.8	30.8	25.8	22.9	20.0	17.0	43.1	4.9	40.6	37.5	34.4	31.4	28.3	25.2
	57	35.4	5.1	35.4	35.4	35.0	32.1	29.2	26.2	39.7	4.8	39.7	39.7	39.5	36.5	33.4	30.3
3750	72	37.4	6.1	15.7	13.5	11.2	8.9	-	-	49.5	5.5	9.6	6.5	3.3	0.1	-	-
	67	37.6	5.8	17.3	15.0	12.8	10.5	8.2	-	46.7	5.2	25.8	22.6	19.4	16.2	13.1	-
	62	31.2	6.0	27.4	21.0	14.7	12.4	10.1	7.8	40.1	5.2	38.2	35.0	31.8	28.7	25.5	22.3
	57	27.6	6.0	27.6	27.6	26.9	24.7	22.4	20.1	36.9	5.2	36.9	36.9	36.6	33.4	30.2	27.0
		55°F								65°F							
1875	77	51.8	6.0	-3.9	-4.2	-4.4	-	-	-	49.6	6.4	-1.4	-1.4	-1.4	-	-	-
	72	47.3	5.8	-0.2	-0.4	-0.6	-0.8	-	-	45.0	6.1	0.0	0.0	0.0	-0.1	-	-
	67	42.8	5.5	3.6	3.4	3.2	3.0	2.8	-	40.3	5.8	1.4	1.4	1.4	1.3	1.3	-
	62	37.5	5.3	7.6	7.3	7.1	6.9	6.7	6.5	35.4	5.5	2.8	2.8	2.7	2.7	2.7	2.7
2250	77	54.9	5.8	-8.6	-9.5	-10.5	-	-	-	52.3	6.1	-8.5	-9.2	-9.8	-	-	-
	72	50.2	5.5	0.5	-0.4	-1.4	-2.3	-	-	47.4	5.9	-0.9	-1.6	-2.2	-2.9	-	-
	67	45.4	5.3	9.6	8.7	7.7	6.8	5.9	-	42.5	5.6	6.7	6.1	5.4	4.8	4.1	-
	62	39.9	5.1	19.0	18.0	17.1	16.2	15.2	14.3	37.3	5.3	14.9	14.2	13.6	12.9	12.3	11.6
	57	37.5	5.0	21.2	20.3	19.3	18.4	17.5	16.5	34.9	5.2	16.2	15.6	14.9	14.3	13.6	13.0
2625	77	58.1	5.5	-13.2	-14.9	-16.6	-	-	-	54.9	5.9	-15.7	-17.0	-18.3	-	-	-
	72	53.1	5.3	1.2	-0.5	-2.2	-3.8	-	-	49.8	5.6	-1.8	-3.1	-4.4	-5.7	-	-
	67	48.0	5.1	15.6	13.9	12.2	10.6	8.9	-	44.6	5.4	12.1	10.8	9.5	8.2	6.9	-
	62	42.2	4.9	30.4	28.7	27.1	25.4	23.7	22.1	39.2	5.1	27.0	25.7	24.4	23.1	21.8	20.6
	57	39.7	4.8	31.5	31.1	30.6	28.9	27.3	25.6	36.7	5.0	27.4	27.0	26.7	25.4	24.1	22.8
3000	77	61.3	5.3	-17.9	-20.3	-22.7	-	-	-	57.6	5.7	-22.8	-24.7	-26.7	-	-	-
	72	56.0	5.1	1.8	-0.6	-3.0	-5.4	-	-	52.2	5.4	-2.7	-4.6	-6.5	-8.5	-	-
	67	50.6	4.9	21.5	19.1	16.7	14.3	11.9	-	46.8	5.1	17.4	15.5	13.6	11.6	9.7	-
	62	44.5	4.6	41.8	39.4	37.0	34.6	32.3	29.9	41.2	4.9	39.1	37.2	35.3	33.3	31.4	29.5
	57	41.9	4.6	41.9	41.9	41.9	39.5	37.1	34.7	38.5	4.8	38.5	38.5	38.5	36.5	34.6	32.7
3375	72	58.8	5.0	2.7	-0.6	-3.8	-7.0	-	-	57.7	5.1	-5.8	-8.8	-11.8	-14.7	-	-
	67	53.2	4.8	27.9	24.6	21.4	18.2	14.9	-	51.7	4.8	26.8	23.8	20.8	17.8	14.9	-
	62	46.7	4.5	45.4	44.2	43.0	39.8	36.6	33.3	45.5	4.6	44.5	43.5	42.6	39.6	36.6	33.6
	57	44.0	4.5	44.0	44.0	44.0	40.8	37.6	34.3	42.5	4.5	42.5	42.5	42.5	39.5	36.5	33.5
3750	72	61.7	4.9	3.5	-0.5	-4.6	-8.7	-	-	63.2	4.8	-8.9	-12.9	-17.0	-21.0	-	-
	67	55.8	4.7	34.2	30.1	26.0	22.0	17.9	-	56.7	4.5	36.2	32.1	28.1	24.1	20.0	-
	62	49.0	4.5	49.0	49.0	49.0	45.0	40.9	36.8	49.8	4.3	49.8	49.8	49.8	45.8	41.8	37.7
	57	46.2	4.4	46.2	46.2	46.2	42.1	38.0	34.0	46.5	4.2	46.5	46.5	46.5	42.5	38.5	34.4

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 80: KL08 reheat capacity (7.5 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
				Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
1875	77	47.5	6.7	1.1	1.3	1.5	-	-	-	45.3	7.1	3.7	4.1	4.4	-	-	-
	72	42.6	6.4	0.1	0.3	0.5	0.7	-	-	40.3	6.7	0.3	0.7	1.0	1.4	-	-
	67	37.8	6.0	-0.9	-0.7	-0.5	-0.3	-0.1	-	35.4	6.3	-3.1	-2.8	-2.4	-2.0	-1.6	-
	62	33.3	5.7	-2.0	-1.8	-1.6	-1.5	-1.3	-1.1	31.2	6.0	-6.8	-6.4	-6.0	-5.7	-5.3	-4.9
2250	77	49.6	6.5	-8.5	-8.8	-9.2	-	-	-	46.9	6.9	-8.4	-8.5	-8.6	-	-	-
	72	44.6	6.2	-2.3	-2.7	-3.0	-3.4	-	-	41.8	6.5	-3.7	-3.8	-3.9	-4.0	-	-
	67	39.5	5.8	3.9	3.5	3.1	2.8	2.4	-	36.6	6.1	1.0	0.9	0.8	0.7	0.7	-
	62	34.8	5.5	10.8	10.4	10.1	9.7	9.3	9.0	32.3	5.8	6.7	6.6	6.6	6.5	6.4	6.3
	57	32.3	5.5	11.3	10.9	10.5	10.2	9.8	9.4	29.6	5.7	6.3	6.2	6.1	6.0	6.0	5.9
2625	77	51.7	6.3	-18.1	-19.0	-19.9	-	-	-	48.5	6.6	-20.5	-21.1	-21.6	-	-	-
	72	46.5	5.9	-4.7	-5.7	-6.6	-7.5	-	-	43.2	6.3	-7.7	-8.2	-8.8	-9.3	-	-
	67	41.2	5.6	8.6	7.7	6.8	5.8	4.9	-	37.9	5.9	5.1	4.6	4.0	3.5	2.9	-
	62	36.3	5.3	23.6	22.7	21.8	20.9	20.0	19.0	33.4	5.6	20.3	19.7	19.2	18.6	18.1	17.5
	57	33.7	5.3	23.2	23.0	22.8	21.9	20.9	20.0	30.6	5.5	19.0	18.9	18.9	18.3	17.8	17.2
3000	77	53.9	6.0	-27.7	-29.2	-30.7	-	-	-	50.2	6.4	-32.6	-33.6	-34.7	-	-	-
	72	48.4	5.7	-7.2	-8.7	-10.1	-11.6	-	-	44.6	6.1	-11.7	-12.7	-13.7	-14.7	-	-
	67	42.9	5.4	13.4	11.9	10.4	8.9	7.5	-	39.1	5.7	9.3	8.3	7.2	6.2	5.2	-
	62	37.8	5.2	36.5	35.0	33.5	32.0	30.6	29.1	34.5	5.4	33.8	32.8	31.8	30.7	29.7	28.7
	57	35.0	5.1	35.0	35.0	35.0	33.6	32.1	30.6	31.6	5.3	31.6	31.6	31.6	30.6	29.6	28.6
3375	72	56.6	5.2	-14.3	-17.0	-19.7	-22.5	-	-	55.5	5.3	-22.7	-25.2	-27.7	-30.2	-	-
	67	50.2	4.9	25.7	23.0	20.3	17.5	14.8	-	48.7	5.0	24.7	22.2	19.7	17.2	14.7	-
	62	44.2	4.7	43.5	42.8	42.1	39.3	36.6	33.9	43.0	4.7	42.6	42.1	41.6	39.1	36.6	34.1
	57	41.0	4.6	41.0	41.0	41.0	38.2	35.5	32.8	39.4	4.6	39.4	39.4	39.4	36.9	34.5	32.0
3750	72	64.8	4.6	-21.4	-25.3	-29.3	-33.3	-	-	66.3	4.5	-33.8	-37.8	-41.7	-45.7	-	-
	67	57.5	4.4	38.1	34.1	30.1	26.1	22.2	-	58.3	4.2	40.1	36.1	32.2	28.2	24.3	-
	62	50.6	4.2	50.6	50.6	50.6	46.6	42.6	38.6	51.4	4.0	51.4	51.4	51.4	47.5	43.5	39.6
	57	46.9	4.1	46.9	46.9	46.9	42.9	38.9	34.9	47.2	4.0	47.2	47.2	47.2	43.3	39.3	35.4

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 81: KL09 reheat capacity (8.5 ton, 35°F to 65°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		35°F								45°F							
2125	77	67.5	4.7	0.4	-2.9	-6.2	-	-	-	66.1	5.3	-2.9	-5.1	-7.3	-	-	-
	72	66.3	4.5	15.7	12.4	9.1	5.8	-	-	62.5	5.1	9.3	7.2	5.0	2.8	-	-
	67	65.1	4.3	31.1	27.8	24.5	21.1	17.8	-	59.0	4.9	21.6	19.4	17.2	15.0	12.9	-
	62	60.1	4.1	44.8	41.5	38.2	34.9	31.6	28.3	53.5	4.7	32.5	30.3	28.1	26.0	23.8	21.6
2550	77	69.8	4.7	1.2	-2.4	-6.1	-	-	-	69.5	5.2	-3.6	-6.4	-9.3	-	-	-
	72	68.7	4.5	18.7	15.1	11.4	7.8	-	-	65.8	5.0	12.0	9.1	6.3	3.5	-	-
	67	67.6	4.3	36.2	32.6	28.9	25.3	21.6	-	62.0	4.8	27.6	24.7	21.9	19.1	16.3	-
	62	62.4	4.1	51.9	48.3	44.6	41.0	37.3	33.7	56.3	4.6	41.4	38.6	35.8	33.0	30.2	27.3
	57	58.0	4.1	56.1	52.4	48.7	45.1	41.4	37.8	52.3	4.5	45.9	43.1	40.2	37.4	34.6	31.8
2975	77	72.2	4.7	2.1	-1.9	-5.9	-	-	-	72.9	5.1	-4.3	-7.8	-11.2	-	-	-
	72	71.1	4.5	21.7	17.7	13.7	9.7	-	-	69.0	4.9	14.6	11.1	7.7	4.2	-	-
	67	70.0	4.3	41.4	37.4	33.4	29.4	25.4	-	65.1	4.8	33.5	30.1	26.6	23.2	19.7	-
	62	64.7	4.1	59.1	55.1	51.1	47.1	43.1	39.1	59.1	4.6	50.4	46.9	43.5	40.0	36.5	33.1
	57	60.1	4.1	59.2	57.3	55.5	51.5	47.5	43.5	54.9	4.5	51.7	50.3	48.8	45.4	41.9	38.5
3400	77	74.6	4.7	2.9	-1.5	-5.8	-	-	-	76.3	5.1	-5.0	-9.1	-13.2	-	-	-
	72	73.5	4.5	24.7	20.4	16.0	11.7	-	-	72.2	4.9	17.2	13.1	9.0	4.9	-	-
	67	72.5	4.3	46.5	42.2	37.8	33.5	29.1	-	68.1	4.7	39.5	35.4	31.3	27.2	23.1	-
	62	67.0	4.1	66.2	61.8	57.5	53.1	48.8	44.4	61.8	4.5	59.3	55.2	51.1	47.0	42.9	38.8
	57	62.3	4.1	62.3	62.3	62.3	57.9	53.6	49.2	57.4	4.4	57.4	57.4	57.4	53.4	49.3	45.2
3825	72	75.9	4.4	26.5	22.0	17.5	13.0	-	-	74.6	4.8	19.0	14.5	10.0	5.4	-	-
	67	74.8	4.3	49.0	44.5	40.0	35.5	31.0	-	70.4	4.6	43.6	39.0	34.5	30.0	25.5	-
	62	69.2	4.0	68.8	66.6	60.3	55.8	51.3	46.8	63.9	4.4	62.6	60.6	56.4	51.8	47.3	42.8
	57	64.3	4.1	64.3	64.3	64.3	59.8	55.3	50.8	59.3	4.4	59.3	59.3	59.3	54.8	50.3	45.8
4250	72	78.3	4.4	28.3	23.7	19.0	14.4	-	-	77.0	4.8	20.8	15.8	10.9	5.9	-	-
	67	77.2	4.2	51.5	46.8	42.2	37.5	32.9	-	72.6	4.6	47.6	42.7	37.7	32.8	27.8	-
	62	71.3	4.0	71.3	71.3	63.1	58.5	53.9	49.2	65.9	4.4	65.9	65.9	61.6	56.7	51.7	46.7
	57	66.3	4.0	66.3	66.3	66.3	61.6	57.0	52.3	61.2	4.3	61.2	61.2	61.2	56.3	51.3	46.4
		55°F								65°F							
2125	77	64.7	5.9	-6.2	-7.3	-8.3	-	-	-	60.4	6.3	-7.1	-7.9	-8.7	-	-	-
	72	58.8	5.7	3.0	1.9	0.8	-0.2	-	-	54.5	6.1	1.1	0.3	-0.5	-1.4	-	-
	67	52.8	5.5	12.1	11.1	10.0	8.9	7.9	-	48.5	5.9	9.2	8.4	7.6	6.8	6.0	-
	62	47.0	5.3	20.2	19.1	18.1	17.0	16.0	14.9	43.2	5.6	17.1	16.3	15.5	14.7	13.9	13.1
2550	77	69.2	5.8	-8.5	-10.5	-12.4	-	-	-	64.4	6.2	-10.8	-12.4	-14.0	-	-	-
	72	62.8	5.6	5.2	3.2	1.2	-0.7	-	-	58.0	5.9	2.2	0.6	-1.0	-2.6	-	-
	67	56.5	5.3	18.9	16.9	14.9	12.9	11.0	-	51.7	5.7	15.1	13.5	11.9	10.3	8.7	-
	62	50.2	5.2	30.9	29.0	27.0	25.0	23.0	21.0	46.0	5.5	27.9	26.3	24.7	23.1	21.5	19.8
	57	46.6	5.0	35.7	33.7	31.7	29.7	27.8	25.8	43.7	5.3	31.4	29.8	28.2	26.6	25.0	23.4
2975	77	73.6	5.6	-10.7	-13.6	-16.5	-	-	-	68.3	6.0	-14.5	-16.9	-19.3	-	-	-
	72	66.9	5.4	7.5	4.6	1.6	-1.3	-	-	61.6	5.8	3.3	0.9	-1.5	-3.9	-	-
	67	60.1	5.2	25.7	22.8	19.8	16.9	14.0	-	54.9	5.5	21.1	18.7	16.3	13.9	11.5	-
	62	53.4	5.0	41.7	38.8	35.9	32.9	30.0	27.1	48.9	5.3	38.6	36.2	33.8	31.4	29.0	26.6
	57	49.6	4.8	44.2	43.2	42.2	39.3	36.4	33.5	46.4	5.2	40.3	39.5	38.7	36.2	33.8	31.4
3400	77	78.1	5.4	-13.0	-16.8	-20.6	-	-	-	72.3	5.8	-18.3	-21.5	-24.7	-	-	-
	72	70.9	5.2	9.7	5.9	2.1	-1.8	-	-	65.2	5.6	4.4	1.2	-2.0	-5.2	-	-
	67	63.8	5.0	32.4	28.6	24.8	20.9	17.1	-	58.1	5.4	27.0	23.8	20.6	17.4	14.2	-
	62	56.6	4.9	52.4	48.6	44.7	40.9	37.1	33.2	51.7	5.2	49.4	46.2	43.0	39.8	36.6	33.4
	57	52.6	4.7	52.6	52.6	52.6	48.8	45.0	41.1	49.1	5.0	49.1	49.1	49.1	45.9	42.7	39.5
3825	72	73.3	5.2	11.5	7.0	2.4	-2.1	-	-	66.8	5.6	5.3	1.3	-2.7	-6.6	-	-
	67	65.9	5.0	38.1	33.6	29.0	24.5	19.9	-	59.6	5.3	32.9	28.9	24.9	20.9	17.0	-
	62	58.6	4.9	56.4	54.5	52.4	47.9	43.3	38.8	53.0	5.1	51.9	50.3	48.6	44.6	40.6	36.6
	57	54.4	4.7	54.4	54.4	54.4	49.9	45.3	40.8	50.3	5.0	50.3	50.3	50.3	46.4	42.4	38.4
4250	72	75.7	5.2	13.3	8.0	2.8	-2.5	-	-	68.5	5.5	6.2	1.5	-3.3	-8.1	-	-
	67	68.1	5.0	43.8	38.5	33.2	28.0	22.7	-	61.1	5.3	38.7	34.0	29.2	24.5	19.7	-
	62	60.5	4.8	60.5	60.5	60.1	54.8	49.5	44.3	54.3	5.1	54.3	54.3	54.1	49.4	44.6	39.9
	57	56.2	4.6	56.2	56.2	56.2	50.9	45.7	40.4	51.6	5.0	51.6	51.6	51.6	46.8	42.1	37.3

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 82: KL09 reheat capacity (8.5 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
2125	77	56.1	6.7	-7.9	-8.4	-9.0	-	-	-	51.8	7.1	-8.7	-9.0	-9.3	-	-	-
	72	50.2	6.5	-0.8	-1.4	-1.9	-2.5	-	-	45.9	6.9	-2.7	-3.0	-3.3	-3.6	-	-
	67	44.2	6.2	6.3	5.7	5.2	4.6	4.0	-	40.0	6.6	3.4	3.1	2.7	2.4	2.1	-
	62	39.4	5.9	14.1	13.5	12.9	12.4	11.8	11.2	35.7	6.2	11.0	10.7	10.4	10.0	9.7	9.4
2550	77	59.5	6.6	-13.1	-14.3	-15.6	-	-	-	54.7	7.0	-15.4	-16.3	-17.1	-	-	-
	72	53.3	6.3	-0.9	-2.1	-3.3	-4.6	-	-	48.5	6.7	-3.9	-4.8	-5.6	-6.5	-	-
	67	47.0	6.1	11.4	10.2	8.9	7.7	6.5	-	42.2	6.4	7.6	6.8	5.9	5.1	4.2	-
	62	41.9	5.8	24.8	23.6	22.4	21.1	19.9	18.7	37.7	6.1	21.8	20.9	20.1	19.2	18.4	17.5
	57	40.8	5.7	27.2	25.9	24.7	23.5	22.2	21.0	37.9	6.1	22.9	22.0	21.2	20.3	19.5	18.6
2975	77	63.0	6.4	-18.4	-20.3	-22.2	-	-	-	57.7	6.8	-22.2	-23.6	-25.0	-	-	-
	72	56.3	6.2	-0.9	-2.8	-4.7	-6.6	-	-	51.1	6.5	-5.1	-6.5	-7.9	-9.3	-	-
	67	49.7	5.9	16.5	14.6	12.7	10.8	8.9	-	44.5	6.3	11.9	10.5	9.1	7.7	6.3	-
	62	44.3	5.6	35.6	33.7	31.8	29.9	28.0	26.1	39.7	5.9	32.6	31.2	29.8	28.4	27.0	25.6
	57	43.2	5.6	36.3	35.7	35.1	33.2	31.3	29.4	39.9	5.9	32.4	32.0	31.6	30.2	28.8	27.4
3400	77	66.4	6.2	-23.6	-26.2	-28.7	-	-	-	60.6	6.6	-28.9	-30.8	-32.8	-	-	-
	72	59.4	6.0	-1.0	-3.6	-6.1	-8.7	-	-	53.7	6.4	-6.3	-8.3	-10.2	-12.2	-	-
	67	52.4	5.7	21.6	19.0	16.5	13.9	11.3	-	46.7	6.1	16.2	14.3	12.3	10.4	8.5	-
	62	46.7	5.5	46.4	43.8	41.2	38.7	36.1	33.5	41.8	5.8	41.8	41.4	39.5	37.6	35.6	33.7
	57	45.5	5.4	45.5	45.5	45.5	43.0	40.4	37.8	42.0	5.8	42.0	42.0	42.0	40.0	38.1	36.2
3825	72	60.4	5.9	-0.9	-4.3	-7.7	-11.2	-	-	53.9	6.3	-7.1	-10.0	-12.8	-15.7	-	-
	67	53.2	5.7	27.6	24.2	20.8	17.4	14.0	-	46.9	6.0	22.4	19.6	16.7	13.9	11.1	-
	62	47.5	5.4	47.3	46.0	44.7	41.3	37.9	34.5	41.9	5.7	41.9	41.8	40.9	38.1	35.2	32.4
	57	46.3	5.3	46.3	46.3	46.3	42.9	39.4	36.0	42.2	5.7	42.2	42.2	42.2	39.3	36.5	33.7
4250	72	61.3	5.9	-0.9	-5.1	-9.4	-13.6	-	-	54.2	6.2	-7.9	-11.7	-15.4	-19.2	-	-
	67	54.1	5.6	33.7	29.4	25.2	20.9	16.7	-	47.1	6.0	28.6	24.9	21.1	17.4	13.6	-
	62	48.2	5.4	48.2	48.2	48.2	44.0	39.7	35.5	42.1	5.6	42.1	42.1	42.1	38.6	34.8	31.1
	57	47.0	5.3	47.0	47.0	47.0	42.7	38.5	34.2	42.4	5.6	42.4	42.4	42.4	38.7	34.9	31.2

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 83: KL12 reheat capacity (10 ton, 35°F to 65°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		35°F								45°F							
2500	77	66.0	6.0	-2.7	-4.3	-5.8	-	-	-	73.7	6.1	-7.1	-8.3	-9.4	-	-	-
	72	67.4	5.5	6.9	5.4	3.9	2.4	-	-	70.2	5.8	3.0	1.9	0.7	-0.4	-	-
	67	68.8	5.1	16.6	15.1	13.5	12.0	10.5	-	66.8	5.5	13.2	12.0	10.8	9.7	8.5	-
	62	58.0	5.6	22.3	20.8	19.3	17.8	16.2	14.7	58.3	5.7	21.3	20.2	19.0	17.9	16.7	15.5
3000	77	71.4	5.9	-3.7	-6.3	-9.0	-	-	-	77.2	6.0	-10.3	-12.3	-14.4	-	-	-
	72	72.6	5.4	11.1	8.5	5.9	3.3	-	-	73.6	5.7	5.2	3.1	1.1	-0.9	-	-
	67	73.9	5.0	26.0	23.4	20.8	18.1	15.5	-	70.1	5.5	20.6	18.6	16.5	14.5	12.5	-
	62	62.4	5.5	34.9	32.3	29.6	27.0	24.4	21.8	61.1	5.6	33.1	31.0	29.0	27.0	24.9	22.9
	57	59.3	5.3	44.5	41.9	39.3	36.7	34.0	31.4	57.9	5.6	41.2	39.2	37.2	35.1	33.1	31.0
3500	77	76.8	5.7	-4.7	-8.4	-12.2	-	-	-	80.8	5.9	-13.5	-16.4	-19.3	-	-	-
	72	77.9	5.3	15.4	11.6	7.9	4.2	-	-	77.0	5.7	7.3	4.4	1.5	-1.4	-	-
	67	79.0	4.9	35.4	31.7	28.0	24.3	20.5	-	73.3	5.4	28.1	25.2	22.3	19.3	16.4	-
	62	66.8	5.4	47.4	43.7	40.0	36.3	32.5	28.8	64.0	5.6	44.8	41.9	39.0	36.1	33.2	30.2
	57	63.5	5.2	56.1	54.8	53.0	49.3	45.5	41.8	60.6	5.5	52.3	51.2	50.0	47.0	44.1	41.2
4000	77	82.2	5.6	-5.7	-10.5	-15.4	-	-	-	84.3	5.8	-16.6	-20.4	-24.2	-	-	-
	72	83.2	5.2	19.6	14.8	9.9	5.1	-	-	80.4	5.6	9.5	5.7	1.9	-2.0	-	-
	67	84.1	4.8	44.9	40.0	35.2	30.4	25.5	-	76.5	5.3	35.6	31.8	28.0	24.1	20.3	-
	62	71.3	5.3	60.0	55.2	50.4	45.5	40.7	35.9	66.8	5.5	56.6	52.8	49.0	45.2	41.4	37.6
	57	67.7	5.1	67.7	67.7	66.7	61.9	57.1	52.2	63.3	5.4	63.3	63.3	62.8	59.0	55.1	51.3
4500	72	84.2	5.1	21.9	16.7	11.5	6.2	-	-	82.1	5.6	10.6	6.4	2.1	-2.1	-	-
	67	85.3	4.7	49.7	44.5	39.3	34.1	28.9	-	78.1	5.3	40.2	36.0	31.7	27.5	23.2	-
	62	72.2	5.2	66.6	61.5	55.6	50.4	45.2	40.0	68.2	5.5	63.1	59.9	55.6	51.4	47.1	42.9
	57	68.6	5.0	68.6	68.6	68.1	62.9	57.7	52.5	64.6	5.4	64.6	64.6	64.3	60.1	55.8	51.6
5000	72	85.3	5.0	24.2	18.6	13.0	7.4	-	-	83.8	5.5	11.7	7.0	2.4	-2.3	-	-
	67	86.4	4.6	54.6	49.0	43.4	37.8	32.2	-	79.7	5.3	44.9	40.2	35.5	30.8	26.1	-
	62	73.2	5.1	73.2	67.9	60.9	55.3	49.7	44.1	69.5	5.4	69.5	66.9	62.2	57.5	52.8	48.1
	57	69.5	4.9	69.5	69.5	69.5	63.9	58.3	52.7	65.9	5.4	65.9	65.9	65.9	61.2	56.5	51.8
		55°F								65°F							
2500	77	81.4	6.1	-	-	-	-	-	-	75.4	6.7	-	-	-	-	-	-
	72	73.1	6.1	-0.9	-1.7	-2.4	-3.2	-	-	67.7	6.5	-2.3	-2.8	-3.4	-3.9	-	-
	67	64.9	6.0	9.7	8.9	8.1	7.4	6.6	-	60.1	6.3	7.1	6.6	6.0	5.5	5.0	-
	62	58.7	5.8	20.3	19.6	18.8	18.0	17.2	16.4	54.3	6.1	16.0	15.5	14.9	14.4	13.9	13.4
3000	77	83.0	6.1	-	-	-	-	-	-	76.9	6.7	-	-	-	-	-	-
	72	74.6	6.0	-0.8	-2.2	-3.7	-5.2	-	-	69.1	6.5	-3.7	-4.8	-6.0	-7.1	-	-
	67	66.2	6.0	15.2	13.8	12.3	10.9	9.4	-	61.3	6.3	12.2	11.1	9.9	8.8	7.6	-
	62	59.9	5.8	31.3	29.8	28.4	26.9	25.5	24.0	55.4	6.1	27.2	26.1	24.9	23.8	22.6	21.5
	57	56.6	5.8	38.0	36.5	35.0	33.6	32.1	30.7	53.0	6.1	32.9	31.7	30.6	29.4	28.3	27.1
3500	77	84.7	6.1	-	-	-	-	-	-	78.5	6.7	-	-	-	-	-	-
	72	76.2	6.0	-0.7	-2.8	-5.0	-7.1	-	-	70.5	6.5	-5.1	-6.8	-8.6	-10.4	-	-
	67	67.6	5.9	20.8	18.6	16.5	14.4	12.3	-	62.5	6.3	17.4	15.6	13.8	12.0	10.3	-
	62	61.1	5.7	42.3	40.1	38.0	35.9	33.8	31.7	56.5	6.1	38.4	36.7	34.9	33.1	31.3	29.6
	57	57.7	5.8	48.4	47.7	46.9	44.8	42.7	40.6	54.1	6.1	44.0	43.4	42.8	41.0	39.2	37.4
4000	77	86.4	6.1	-	-	-	-	-	-	80.0	6.7	-	-	-	-	-	-
	72	77.7	6.0	-0.7	-3.4	-6.2	-9.0	-	-	71.9	6.5	-6.4	-8.8	-11.2	-13.6	-	-
	67	68.9	5.9	26.3	23.5	20.7	17.9	15.1	-	63.8	6.3	22.5	20.1	17.7	15.3	12.9	-
	62	62.3	5.7	53.2	50.4	47.6	44.9	42.1	39.3	57.6	6.1	49.7	47.3	44.9	42.5	40.1	37.7
	57	58.9	5.8	58.9	58.9	58.8	56.0	53.2	50.5	55.1	6.1	55.1	55.1	55.0	52.6	50.2	47.8
4500	72	79.9	6.0	-0.7	-4.0	-7.3	-10.5	-	-	74.1	6.5	-7.9	-10.8	-13.7	-16.6	-	-
	67	70.9	5.9	30.7	27.4	24.1	20.9	17.6	-	65.7	6.3	27.1	24.1	21.2	18.3	15.4	-
	62	64.1	5.7	59.6	58.2	55.6	52.3	49.0	45.7	59.3	6.1	55.4	54.2	52.4	49.5	46.5	43.6
	57	60.6	5.8	60.6	60.6	60.5	57.3	54.0	50.7	56.8	6.1	56.8	56.8	56.7	53.8	50.9	48.0
5000	72	82.2	6.0	-0.7	-4.5	-8.3	-12.1	-	-	76.2	6.5	-9.3	-12.8	-16.2	-19.6	-	-
	67	72.9	5.9	35.2	31.4	27.6	23.8	20.0	-	67.6	6.3	31.6	28.2	24.7	21.3	17.9	-
	62	65.9	5.7	65.9	65.9	63.5	59.7	56.0	52.2	61.1	6.1	61.1	61.1	59.9	56.4	53.0	49.6
	57	62.3	5.8	62.3	62.3	62.3	58.5	54.7	50.9	58.4	6.1	58.4	58.4	58.4	55.0	51.6	48.2

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 84: KL12 reheat capacity (10 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
2500	77	69.4	7.2	-	-	-	-	-	-	63.4	7.7	-	-	-	-	-	-
	72	62.3	6.9	-3.8	-4.0	-4.3	-4.5	-	-	56.9	7.3	-5.2	-5.2	-5.2	-5.2	-	-
	67	55.3	6.6	4.4	4.2	3.9	3.6	3.4	-	50.5	7.0	1.8	1.8	1.8	1.8	1.8	-
	62	49.9	6.4	11.6	11.4	11.1	10.9	10.6	10.3	45.5	6.8	7.3	7.3	7.3	7.3	7.3	7.3
3000	77	70.8	7.2	-	-	-	-	-	-	64.7	7.7	-	-	-	-	-	-
	72	63.6	6.9	-6.6	-7.4	-8.3	-9.1	-	-	58.1	7.4	-9.5	-10.0	-10.5	-11.1	-	-
	67	56.4	6.7	9.2	8.4	7.5	6.7	5.8	-	51.5	7.0	6.2	5.6	5.1	4.6	4.0	-
	62	50.9	6.5	23.1	22.3	21.4	20.6	19.8	18.9	46.5	6.8	19.1	18.5	18.0	17.4	16.9	16.4
	57	49.5	6.4	27.8	26.9	26.1	25.2	24.4	23.5	45.9	6.7	22.7	22.1	21.6	21.0	20.5	20.0
3500	77	72.2	7.2	-	-	-	-	-	-	66.0	7.8	-	-	-	-	-	-
	72	64.9	7.0	-9.4	-10.8	-12.2	-13.7	-	-	59.2	7.4	-13.7	-14.8	-15.9	-17.0	-	-
	67	57.5	6.7	14.0	12.6	11.1	9.7	8.3	-	52.5	7.1	10.6	9.5	8.4	7.3	6.2	-
	62	51.9	6.5	34.6	33.2	31.8	30.3	28.9	27.5	47.4	6.9	30.8	29.7	28.6	27.6	26.5	25.4
	57	50.4	6.5	39.6	39.2	38.6	37.2	35.8	34.3	46.8	6.8	35.2	34.9	34.5	33.4	32.3	31.2
4000	77	73.6	7.3	-	-	-	-	-	-	67.3	7.9	-	-	-	-	-	-
	72	66.1	7.0	-12.2	-14.2	-16.2	-18.2	-	-	60.4	7.5	-17.9	-19.6	-21.2	-22.9	-	-
	67	58.6	6.7	18.8	16.8	14.7	12.7	10.7	-	53.5	7.1	15.0	13.4	11.8	10.1	8.5	-
	62	53.0	6.5	46.1	44.1	42.1	40.1	38.1	36.0	48.3	6.9	42.6	41.0	39.3	37.7	36.0	34.4
	57	51.4	6.5	51.4	51.4	51.2	49.1	47.1	45.1	47.7	6.9	47.7	47.7	47.3	45.7	44.1	42.4
4500	72	68.2	7.0	-15.1	-17.6	-20.2	-22.7	-	-	62.3	7.5	-22.2	-24.4	-26.6	-28.8	-	-
	67	60.4	6.7	23.4	20.8	18.3	15.8	13.2	-	55.2	7.1	19.7	17.6	15.4	13.2	11.0	-
	62	54.6	6.5	51.2	50.2	49.2	46.6	44.1	41.5	49.8	6.9	47.0	46.2	45.9	43.8	41.6	39.4
	57	53.0	6.5	53.0	53.0	52.9	50.3	47.8	45.2	49.2	6.8	49.2	49.2	49.0	46.9	44.7	42.5
5000	72	70.2	7.0	-17.9	-21.0	-24.1	-27.2	-	-	64.2	7.4	-26.5	-29.3	-32.0	-34.7	-	-
	67	62.3	6.7	28.0	24.9	21.9	18.8	15.7	-	56.9	7.1	24.4	21.7	19.0	16.3	13.6	-
	62	56.2	6.5	56.2	56.2	56.2	53.1	50.1	47.0	51.4	6.9	51.4	51.4	51.4	49.8	47.1	44.4
	57	54.6	6.5	54.6	54.6	54.6	51.5	48.4	45.4	50.7	6.8	50.7	50.7	50.7	48.0	45.3	42.6

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 85: KL14 reheat capacity (12.5 ton, 35°F to 65°F)

Air on evaporator coil		Temperature of air on condenser coil															
		Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh)					
CFM	WB (°F)			Return dry bulb (°F)								Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		35°F								45°F							
3200	77	90.2	6.6	-1.3	-3.7	-6.1	-	-	-	93.8	7.3	-8.5	-10.3	-12.1	-	-	-
	72	89.6	6.5	10.6	8.2	5.8	3.4	-	-	88.7	7.0	4.7	2.8	1.0	-0.8	-	-
	67	89.0	6.3	22.4	20.0	17.6	15.2	12.8	-	83.6	6.8	17.8	16.0	14.2	12.4	10.5	-
	62	82.1	6.1	34.8	32.4	30.0	27.6	25.2	22.8	75.8	6.5	31.0	29.2	27.4	25.5	23.7	21.9
3750	77	91.2	6.6	-2.2	-5.6	-8.9	-	-	-	95.2	7.3	-12.4	-15.0	-17.7	-	-	-
	72	90.6	6.4	15.1	11.7	8.4	5.0	-	-	90.0	7.0	6.7	4.1	1.5	-1.2	-	-
	67	90.1	6.2	32.3	29.0	25.7	22.3	19.0	-	84.9	6.7	25.9	23.3	20.6	18.0	15.4	-
	62	83.1	6.0	50.3	47.0	43.7	40.3	37.0	33.6	76.9	6.5	45.1	42.4	39.8	37.2	34.5	31.9
	57	74.0	6.2	53.3	49.9	46.6	43.3	39.9	36.6	70.0	6.5	49.6	46.9	44.3	41.7	39.0	36.4
4300	77	92.3	6.5	-3.2	-7.4	-11.7	-	-	-	96.5	7.3	-16.3	-19.8	-23.2	-	-	-
	72	91.7	6.4	19.5	15.3	11.0	6.7	-	-	91.3	7.0	8.8	5.4	1.9	-1.5	-	-
	67	91.1	6.2	42.2	38.0	33.7	29.4	25.1	-	86.1	6.7	34.0	30.5	27.1	23.7	20.2	-
	62	84.1	6.0	65.9	61.6	57.4	53.1	48.8	44.5	78.0	6.5	59.2	55.7	52.3	48.8	45.4	41.9
	57	74.9	6.2	64.5	62.9	61.2	56.9	52.6	48.4	71.0	6.5	60.8	59.5	58.2	54.7	51.3	47.8
4900	77	93.4	6.5	-4.1	-9.3	-14.5	-	-	-	97.9	7.2	-20.2	-24.5	-28.7	-	-	-
	72	92.8	6.3	24.0	18.8	13.6	8.4	-	-	92.6	7.0	10.9	6.7	2.4	-1.8	-	-
	67	92.2	6.1	52.2	46.9	41.7	36.5	31.3	-	87.3	6.7	42.1	37.8	33.6	29.3	25.1	-
	62	85.2	5.9	81.5	76.3	71.0	65.8	60.6	55.4	79.2	6.4	73.2	69.0	64.7	60.5	56.2	52.0
	57	75.8	6.2	75.8	75.8	75.8	70.6	65.4	60.1	72.0	6.5	72.0	72.0	72.0	67.8	63.5	59.3
5400	72	95.9	6.3	26.9	21.4	15.9	10.4	-	-	95.5	6.9	12.3	7.5	2.7	-2.1	-	-
	67	95.3	6.1	55.7	50.2	44.7	39.2	33.7	-	90.0	6.7	47.1	42.3	37.5	32.7	28.0	-
	62	87.9	5.9	86.1	83.5	76.8	71.3	65.8	60.3	81.6	6.4	78.6	76.5	72.4	67.6	62.8	58.0
	57	78.3	6.1	78.3	78.3	78.3	72.8	67.3	61.8	74.2	6.4	74.2	74.2	74.2	69.5	64.7	59.9
6000	72	98.9	6.2	29.7	23.9	18.1	12.4	-	-	98.3	6.9	13.6	8.3	3.0	-2.3	-	-
	67	98.3	6.1	59.3	53.5	47.7	41.9	36.2	-	92.7	6.6	52.1	46.8	41.5	36.2	30.9	-
	62	90.7	5.9	90.7	90.7	82.7	76.9	71.1	65.3	84.0	6.4	84.0	84.0	80.0	74.7	69.4	64.1
	57	80.8	6.1	80.8	80.8	80.8	75.0	69.2	63.4	76.5	6.4	76.5	76.5	76.5	71.2	65.9	60.5
		55°F								65°F							
3200	77	97.4	8.0	-	-	-	-	-	-	88.1	8.4	-	-	-	-	-	-
	72	87.9	7.6	-1.2	-2.5	-3.7	-5.0	-	-	80.6	8.0	-2.2	-2.9	-3.7	-4.4	-	-
	67	78.3	7.3	13.2	12.0	10.7	9.5	8.3	-	73.1	7.7	8.8	8.0	7.3	6.5	5.8	-
	62	69.5	7.0	27.2	26.0	24.7	23.5	22.2	21.0	65.1	7.3	19.3	18.5	17.8	17.0	16.3	15.5
3750	77	99.1	8.0	-	-	-	-	-	-	89.2	8.4	-	-	-	-	-	-
	72	89.4	7.6	-1.6	-3.5	-5.4	-7.3	-	-	81.6	8.0	-4.0	-5.5	-6.9	-8.4	-	-
	67	79.7	7.3	19.5	17.6	15.6	13.7	11.8	-	74.0	7.7	15.2	13.7	12.3	10.8	9.3	-
	62	70.7	6.9	39.8	37.9	36.0	34.0	32.1	30.2	65.9	7.3	33.6	32.2	30.7	29.2	27.7	26.2
	57	66.0	6.8	45.8	43.9	42.0	40.1	38.1	36.2	63.5	7.2	38.4	36.9	35.4	33.9	32.5	31.0
4300	77	100.8	8.0	-	-	-	-	-	-	90.3	8.4	-	-	-	-	-	-
	72	90.9	7.6	-1.9	-4.5	-7.1	-9.7	-	-	82.6	8.0	-5.8	-8.0	-10.2	-12.4	-	-
	67	81.0	7.3	25.7	23.1	20.5	17.9	15.3	-	74.9	7.7	21.7	19.4	17.2	15.0	12.8	-
	62	71.9	6.9	52.4	49.8	47.2	44.6	42.0	39.4	66.8	7.3	48.0	45.8	43.5	41.3	39.1	36.9
	57	67.1	6.8	57.0	56.1	55.1	52.5	49.9	47.3	64.3	7.2	51.7	51.0	50.2	48.0	45.8	43.6
4900	77	102.5	8.0	-	-	-	-	-	-	91.4	8.4	-	-	-	-	-	-
	72	92.4	7.6	-2.2	-5.5	-8.8	-12.1	-	-	83.6	8.0	-7.6	-10.6	-13.5	-16.4	-	-
	67	82.4	7.3	32.0	28.7	25.4	22.1	18.8	-	75.8	7.7	28.1	25.2	22.2	19.3	16.4	-
	62	73.2	6.9	65.0	61.7	58.4	55.1	51.9	48.6	67.6	7.3	62.3	59.4	56.4	53.5	50.6	47.6
	57	68.2	6.8	68.2	68.2	68.2	64.9	61.7	58.4	65.1	7.2	65.1	65.1	65.1	62.1	59.2	56.3
5400	72	95.1	7.6	-2.4	-6.4	-10.5	-14.5	-	-	85.9	8.0	-9.0	-12.7	-16.3	-19.9	-	-
	67	84.8	7.2	38.4	34.4	30.3	26.3	22.2	-	77.9	7.6	34.0	30.4	26.7	23.1	19.5	-
	62	75.3	6.9	71.2	69.5	67.9	63.8	59.8	55.7	69.4	7.3	66.8	65.3	63.9	60.2	56.6	53.0
	57	70.2	6.8	70.2	70.2	70.2	66.1	62.1	58.0	66.9	7.2	66.9	66.9	66.9	63.2	59.6	56.0
6000	72	97.7	7.5	-2.5	-7.4	-12.2	-17.0	-	-	88.3	8.0	-10.4	-14.8	-19.1	-23.4	-	-
	67	87.1	7.2	44.9	40.1	35.2	30.4	25.6	-	80.0	7.6	39.9	35.6	31.2	26.9	22.6	-
	62	77.4	6.9	77.4	77.4	77.4	72.5	67.7	62.9	71.3	7.3	71.3	71.3	71.3	67.0	62.7	58.3
	57	72.2	6.7	72.2	72.2	72.2	67.3	62.5	57.7	68.7	7.2	68.7	68.7	68.7	64.3	60.0	55.7

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Table 86: KL14 reheat capacity (12.5 ton, 75°F to 85°F)

Air on evaporator coil		Temperature of air on condenser coil															
CFM	WB (°F)	Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)						Total capacity[1] (MBh)	Total Input[1] (kW)[1]	Sensible capacity (MBh) Return dry bulb (°F)					
				90	85	80	75	70	65			90	85	80	75	70	65
		75°F								85°F							
3200	77	78.8	8.8	-	-	-	-	-	-	69.4	9.2	-	-	-	-	-	-
	72	73.3	8.4	-3.1	-3.4	-3.6	-3.9	-	-	66.0	8.8	-4.0	-3.8	-3.6	-3.4	-	-
	67	67.8	8.1	4.3	4.1	3.8	3.5	3.3	-	62.5	8.5	-0.1	0.1	0.3	0.5	0.7	-
	62	60.7	7.7	11.4	11.1	10.9	10.6	10.3	10.0	56.3	8.1	3.5	3.7	3.9	4.1	4.3	4.6
3750	77	79.3	8.8	-	-	-	-	-	-	69.4	9.2	-	-	-	-	-	-
	72	73.8	8.4	-6.4	-7.4	-8.5	-9.5	-	-	66.0	8.8	-8.8	-9.4	-10.0	-10.6	-	-
	67	68.3	8.1	11.0	9.9	8.9	7.8	6.8	-	62.6	8.5	6.7	6.1	5.5	4.9	4.3	-
	62	61.1	7.7	27.5	26.4	25.4	24.3	23.3	22.3	56.4	8.1	21.3	20.7	20.1	19.5	18.9	18.3
	57	61.0	7.6	30.9	29.9	28.8	27.8	26.8	25.7	58.5	8.0	-	-	-	21.7	21.1	20.5
4300	77	79.9	8.8	-	-	-	-	-	-	69.4	9.2	-40.8	-42.2	-43.6	-	-	-
	72	74.3	8.4	-9.7	-11.5	-13.3	-15.1	-	-	66.0	8.9	-13.7	-15.1	-16.5	-17.9	-	-
	67	68.7	8.1	17.6	15.8	14.0	12.2	10.4	-	62.6	8.5	13.5	12.1	10.7	9.3	7.9	-
	62	61.6	7.7	43.5	41.7	39.9	38.1	36.3	34.5	56.4	8.1	39.0	37.6	36.3	34.9	33.5	32.1
	57	61.4	7.6	46.4	45.9	45.4	43.6	41.8	40.0	58.6	8.1	41.1	40.8	40.5	39.1	37.7	36.3
4900	77	80.4	8.8	-	-	-	-	-	-	69.4	9.2	-	-	-	-	-	-
	72	74.8	8.4	-13.1	-15.6	-18.2	-20.8	-	-	66.0	8.9	-18.5	-20.7	-22.9	-25.1	-	-
	67	69.2	8.1	24.2	21.6	19.1	16.5	13.9	-	62.6	8.5	20.3	18.1	15.9	13.7	11.5	-
	62	62.0	7.7	59.6	57.0	54.4	51.9	49.3	46.7	56.4	8.1	56.4	54.6	52.4	50.2	48.0	45.8
	57	61.9	7.6	61.9	61.9	61.9	59.3	56.7	54.2	58.7	8.1	58.7	58.7	58.7	56.5	54.3	52.1
5400	72	76.8	8.4	-15.7	-18.9	-22.1	-25.3	-	-	67.6	8.8	-22.3	-25.1	-27.9	-30.7	-	-
	67	71.0	8.0	29.5	26.3	23.1	19.9	16.7	-	64.2	8.5	25.1	22.3	19.5	16.8	14.0	-
	62	63.6	7.7	62.4	61.1	59.9	56.6	53.4	50.2	57.8	8.1	57.8	56.9	55.8	53.1	50.3	47.5
	57	63.5	7.6	63.5	63.5	63.5	60.3	57.1	53.9	60.2	8.0	60.2	60.2	60.2	57.4	54.6	51.8
6000	72	78.8	8.4	-18.3	-22.1	-26.0	-29.8	-	-	69.3	8.8	-26.2	-29.5	-32.9	-36.2	-	-
	67	72.9	8.0	34.9	31.1	27.2	23.4	19.5	-	65.8	8.4	29.9	26.6	23.2	19.9	16.5	-
	62	65.3	7.7	65.3	65.3	65.3	61.4	57.6	53.8	59.2	8.1	59.2	59.2	59.2	55.9	52.5	49.2
	57	65.1	7.6	65.1	65.1	65.1	61.3	57.5	53.6	61.6	8.0	61.6	61.6	61.6	58.3	54.9	51.6

Note:

1. These capacities are gross ratings. For net capacity, deduct the supply air blower motor heat (MBh = 3.415 x kW). Refer to the appropriate blower performance table for the kW of the supply air blower motor.
2. These ratings include the condenser fan motors (total 1 kW) and the compressor motors but not the supply air blower motor.

Drive selection

1. Determine the side or bottom supply duct application.
2. Determine the required airflow.
3. Calculate or measure the amount of external static pressure.
   - Add or deduct any additional static resistance from .
4. Using the operating point determined from Steps 1, 2, and 3, locate this point on the appropriate supply air blower performance table. (Linear interpolation may be necessary.)
5. Noting the RPM and BHP from Step 4, locate the appropriate motor and, or drive on the RPM selection table.
6. Review the BHP compared to the motor options available. Select the appropriate motor and, or drive.
7. Review the RPM range for the motor options available. Select the appropriate drive if multiple drives are available for the chosen motor.
8. Determine the number of turns required open to obtain the required operation point.

Example

1. 3200 SCFM, bottom supply duct application
2. 1.8 IWG
3. Using the airflow performance table below, the following data point was located: 1071 RPM and 2.52 BHP.
4. Using the RPM selection table below, model KY and size 08 (7.5 tons) is found.
5. 2.52 BHP exceeds the maximum continuous BHP rating of the 2.4 HP motor. The 3.7 HP motor is required.
6. 1071 RPM is within the range of the 3.7 HP motor.
7. Using the 3.7-HP motor and high-static drive, 0.5 turns open achieves the required 1071 RPM.

Airflow performance

Example supply air blower performance

Table 87: KY08 (7.5 ton) bottom duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
2250	556	0.45	621	0.65	683	0.83	742	1.00	798	1.18	852	1.34	904	1.51	954	1.69	1003	1.87	1050	2.06
2400	567	0.53	632	0.73	694	0.91	753	1.09	809	1.26	863	1.43	914	1.60	964	1.77	1013	1.95	1060	2.14
2600	580	0.65	646	0.85	707	1.03	766	1.21	823	1.30	876	1.55	928	1.72	978	1.89	1027	2.07	1074	2.27
2800	595	0.79	660	0.99	722	1.17	780	1.35	837	1.52	890	1.69	942	1.86	992	2.03	1041	2.21	1088	2.40
3000	609	0.94	674	1.14	736	1.32	795	1.50	851	1.67	905	1.83	957	2.00	1007	2.18	1056	2.36	1100	2.55
3200	625	1.10	690	1.30	752	1.48	810	1.66	867	1.83	921	2.00	972	2.17	1022	2.34	1071	2.52	—	—
3400	641	1.28	706	1.47	768	1.66	827	1.83	883	2.00	937	2.17	989	2.34	1039	2.52	1087	2.70	—	—
3600	658	1.47	723	1.66	785	1.85	844	2.02	900	2.19	954	2.36	1006	2.53	1056	2.70	1100	2.89	—	—
3750	672	1.61	737	1.81	799	1.99	858	2.17	914	2.34	968	2.51	1019	2.68	1069	2.85	—	—	—	—
	Standard static option with motor rated at 2.4-hp																			
	Medium static option with motor rated at 2.4-hp																			
	High static option with motor rated at 3.7-hp																			
--	Exceeds recommended blower speed																			

Note: Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

1 Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. **Note:** See rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 88: Example rpm selection

Model	Size (ton)	Airflow Option	Phase	Max bhp	Blower Sheave	Motor Sheave	6 Turns open	5 Turns open	4 Turns open	3 Turns open	2 Turns open	1 Turns open	Fully closed
KY	08 (7.5)	Std.	3	2.4	AK74	1VL34	N/A	475	525	575	625	675	725
		Med.	3	2.4	AK74	1VL44	N/A	700	750	800	850	900	950
		H. Static	3	3.7	AK74	1VP50	N/A	850	900	950	1000	1050	1100

Table 89: Additional static resistance - KY08-12

Model	Size (ton)	CFM	Cooling only[1]	Reheat coil[2, 3]	Economizer[2, 3]	Electric heat kW[2]							
						6/6.5	9.2/10.5/11	13.8/14/16	16/16.5/17	23	24.8/25.5/27.8	32/33/34	41.7/42.4
KY	08 (7.5), 09 (8.5), 12 (10.0)	2200	0.04	0.04	0.18	—	—	—	0.07	—	0.09	0.10	0.12
		2600	0.06	0.05	0.24	—	—	—	0.09	—	0.11	0.12	0.15
		3000	0.10	0.07	0.35	—	—	—	0.12	—	0.14	0.15	0.19
		3400	0.13	0.08	0.47	—	—	—	0.15	—	0.18	0.19	0.23
		3800	0.16	0.10	0.59	—	—	—	0.19	—	0.22	0.23	0.27
		4000	0.17	0.11	0.66	—	—	—	0.21	—	0.24	0.25	0.30
		4400	0.20	0.12	0.79	—	—	—	0.25	—	0.29	0.30	0.35
		4800	0.22	0.14	0.91	—	—	—	0.30	—	0.34	0.35	0.41
		5200	0.24	0.15	1.04	—	—	—	0.35	—	0.39	0.41	0.47
		5600	0.26	0.15	1.17	—	—	—	0.41	—	0.45	0.47	0.54
		6000	0.28	0.16	1.30	—	—	—	0.48	—	0.52	0.54	0.60

Note:

1. Add these values to the available static resistance in the respective blower performance tables.
2. Deduct these values from the available external static pressure shown in the respective blower performance tables.
3. The pressure drop through the economizer is greater for 100% outdoor air than for 100% return air. If the resistance of the return air duct is less than 0.25 IWG, the unit will deliver less CFM during full economizer operation.

Altitude and temperature correction for cfm, static pressure, and power

Use the following information to assist in application of product when being applied at altitudes at or exceeding 1000 ft above sea level.

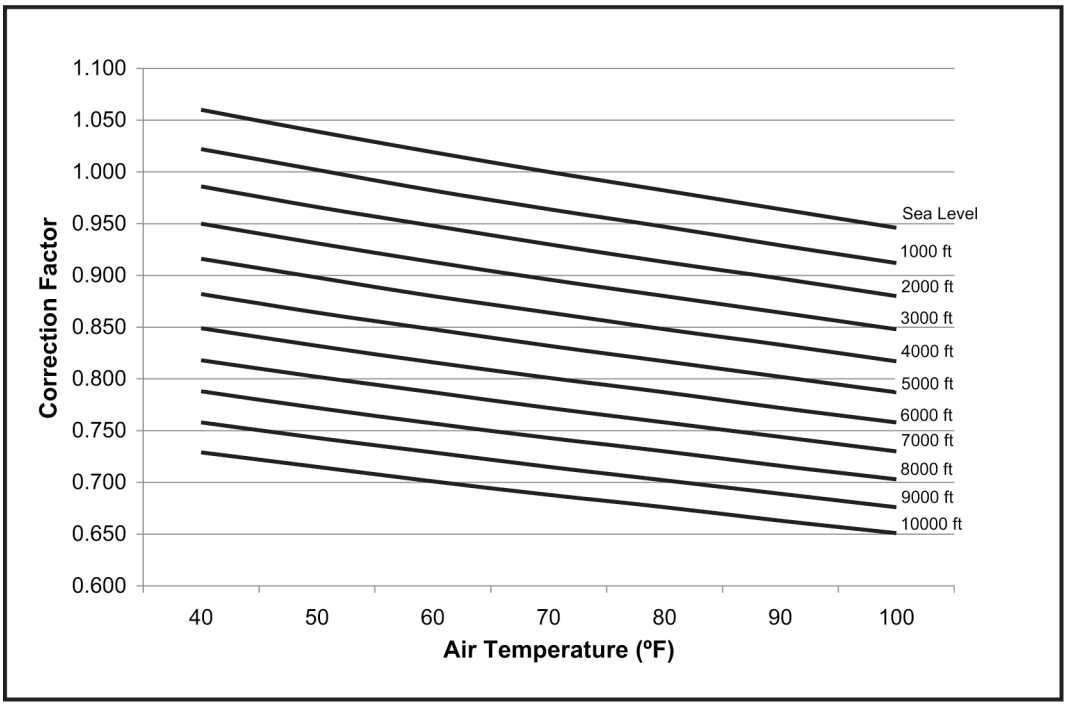
The air flow rates listed in the standard blower performance tables are based on standard air at sea level. As the altitude or temperature increases, the density of air decreases. In order to use the indoor blower tables for high altitude applications, certain corrections are necessary.

A centrifugal fan is a "constant volume" device. This means that, if the RPM remains constant, the CFM delivered is the same regardless of the density of the air. However, because the air at high altitude is less dense, less static pressure is generated and less power is required than a similar application at sea level. See Altitude/temperature correction factors for air density correction factors.

Altitude/temperature correction factors

Table 90: Altitude/temperature correction factors

Air temp.	Altitude (ft)										
	0	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000
40	1.060	1.022	0.986	0.950	0.916	0.882	0.849	0.818	0.788	0.758	0.729
50	1.039	1.002	0.966	0.931	0.898	0.864	0.832	0.802	0.772	0.743	0.715
60	1.019	0.982	0.948	0.913	0.880	0.848	0.816	0.787	0.757	0.729	0.701
70	1.000	0.964	0.930	0.896	0.864	0.832	0.801	0.772	0.743	0.715	0.688
80	0.982	0.947	0.913	0.880	0.848	0.817	0.787	0.758	0.730	0.702	0.676
90	0.964	0.929	0.897	0.864	0.833	0.802	0.772	0.744	0.716	0.689	0.663
100	0.946	0.912	0.880	0.848	0.817	0.787	0.758	0.730	0.703	0.676	0.651



Use the following examples to determine the airflow performance of the product at altitude.

Example 1: What are the corrected CFM, static pressure, and BHP at an elevation of 5,000 ft if the airflow performance data is 3,000 CFM, 1.4 IWC, and 2.0 BHP?

Solution: At an elevation of 5,000 ft, the indoor blower still delivers 3,000 CFM if the rpm is unchanged. However, the Altitude correction must be used to determine the static pressure and BHP. Because no temperature data is given, we assume an air temperature of 70°F. The altitude/temperature factors show the correction factor to be 0.832.

Corrected static pressure = 1.4 x 0.832 = 1.16 IWC

Corrected BHP = 2.0 x 0.832 = 1.66

Example 2: A system, located at 5,000 feet of elevation, is to deliver 3,000 CFM at a static pressure of 1.4 in. Use the unit blower tables to select the blower speed and the BHP requirement.

Solution: As in the example above, no temperature information is given so 70°F is assumed. The 1.4 in. static pressure given is at an elevation of 5,000 ft. The first step is to convert this static pressure to equivalent sea level conditions.

Sea level static pressure = 1.4 in. / 0.832 = 1.68 in.

Enter the supply air blower performance table at 3,000 CFM and static pressure of 1.68 in. The RPM listed is the same RPM needed at 5,000 ft. If the corresponding BHP listed in the table is 2.0. Correct this value for elevation.

BHP at 5,000 ft. = 2.0 x 0.832 = 1.66

Indoor blower specifications

Table 91: Indoor blower specifications

Model	Size (ton)	Airflow option	Motor						Motor sheave			Blower sheave			Belt
			Phase	HP	RPM	Eff.	SF	Frame	Datum dia. (in.)	Bore (in.)	Model	Datum Dia. (in.)	Bore (in.)	Model	
KQ	04 (3)	Std.	Direct Drive												
		Med.	1	1.5	1725	0.79	1.15	56HK	1.9 - 2.9	5/8	1VL34	4.2	3/4	AK46	A39
		Med.	3	2.4	1725	0.80	1.15	56Y	1.9 - 2.9	5/8	1VL34	4.2	3/4	AK46	A39
		H. static	3	2.4	1725	0.80	1.15	56Y	2.8 - 3.8	5/8	1VL44	4.2	3/4	AK46	A40
KQ	05 (4)	Std.	Direct Drive												
		Med.	1	1.5	1725	0.79	1.15	56HK	1.9 - 2.9	5/8	1VL34	4.2	3/4	AK46	A39
		Med.	3	2.4	1725	0.80	1.15	56Y	1.9 - 2.9	5/8	1VL34	4.2	3/4	AK46	A39
		H. static	3	2.4	1725	0.80	1.15	56Y	2.8 - 3.8	5/8	1VL44	4.2	3/4	AK46	A40
KQ	06 (5)	Std.	Direct Drive												
		Med.	1	1.5	1725	0.79	1.15	56HK	1.9 - 2.9	5/8	1VL34	4.2	3/4	AK46	A37
		Med.	3	2.4	1725	0.80	1.15	56Y	1.9 - 2.9	5/8	1VL34	4.2	3/4	AK46	A37
		H. static	3	2.9	1725	0.81	1.15	56Y	2.8 - 3.8	7/8	1VL44	4.2	3/4	AK46	A39
KX	A7 (6)	Std.	3	2.4	1725	0.80	1.15	56Y	1.9 - 2.9	5/8	1VL34	4.7	3/4	AK51	A39
		Med.	3	2.9	1725	0.81	1.15	56Y	2.8 - 3.8	7/8	1VL44	4.7	3/4	AK51	A40
		H. static	3	3.7	1725	0.84	1.15	56HK	3.4 - 4.4	7/8	1VP50	4.7	3/4	AK51	A41
KY	04 (3)	Std.	Direct Drive												
		Med.	1	1.5	1725	0.79	1.15	56HK	1.9 - 2.9	5/8	1VL34	4.2	3/4	AK46	A39
		Med.	3	2.4	1725	0.80	1.15	56Y	1.9 - 2.9	5/8	1VL34	4.2	3/4	AK46	A39
		H. static	3	2.4	1725	0.80	1.15	56Y	2.8 - 3.8	5/8	1VL44	4.2	3/4	AK46	A40
KY	05 (4)	Std.	Direct Drive												
		Med.	1	1.5	1725	0.79	1.15	56HK	1.9 - 2.9	5/8	1VL34	4.2	3/4	AK46	A39
		Med.	3	2.4	1725	0.80	1.15	56Y	1.9 - 2.9	5/8	1VL34	4.2	3/4	AK46	A39
		H. static	3	2.9	1725	0.81	1.15	56Y	2.8 - 3.8	7/8	1VL44	4.2	3/4	AK46	A40
KY	06 (5)	Std.	Direct Drive												
		Med.	1	1.5	1750	0.83	1.15	56H	1.9 - 2.9	5/8	1VL34	4.2	3/4	AK46	A37
		Med.	3	2.4	1750	0.87	1.15	56HK	1.9 - 2.9	5/8	1VL34	4.2	3/4	AK46	A37
		H. static	3	2.9	1750	0.87	1.15	56K	2.8 - 3.8	7/8	1VL44	4.2	3/4	AK46	A39
KY	A7 (6)	Std.	3	2.4	1725	0.80	1.15	56Y	1.9 - 2.9	5/8	1VL34	7.0	1	AK74	A47
		Med.	3	2.9	1725	0.81	1.15	56Y	2.8 - 3.8	7/8	1VL44	7.0	1	AK74	A48
		H. static	3	3.7	1725	0.84	1.15	56HK	3.4 - 4.4	7/8	1VP50	7.0	1	AK74	A48
KY	08 (7.5)	Std.	3	2.4	1725	0.80	1.15	56Y	1.9 - 2.9	5/8	1VL34	7.0	1	AK74	A47
		Med.	3	2.4	1725	0.80	1.15	56Y	2.8 - 3.8	5/8	1VL44	7.0	1	AK74	A48
		H. static	3	3.7	1725	0.84	1.15	56HK	3.4 - 4.4	7/8	1VP50	7.0	1	AK74	A50
KY	09 (8.5)	Std.	3	2.4	1725	0.80	1.15	56Y	1.9 - 2.9	5/8	1VL34	7.0	1	AK74	A47
		Med.	3	2.4	1725	0.80	1.15	56Y	2.8 - 3.8	5/8	1VL44	7.0	1	AK74	A48
		H. static	3	3.7	1725	0.84	1.15	56HK	3.4 - 4.4	7/8	1VP50	7.0	1	AK74	A50
KY	12 (10)	Std.	3	2.4	1725	0.80	1.15	56Y	2.8 - 3.8	5/8	1VL44	7.5	1	AK79	A50
		Med.	3	3.7	1725	0.84	1.15	56HK	3.4 - 4.4	7/8	1VP50	7.5	1	AK79	A50
		H. static	3	5.25	1725	0.84	1.15	145TY	4.3 - 5.3	7/8	1VP56	7.9	1	BK85	BX52
KL	04 (3)	Std.	Direct Drive												
		Med.	3	2.4	1750	0.87	1.15	56Y	1.9-2.9	5/8	1VL34	4.2	3/4	AK46	A39
		H. static	3	2.4	1750	0.87	1.15	56Y	2.8-3.8	5/8	1VL44	4.2	3/4	AK46	A40
KL	05 (4)	Std.	Direct Drive												
		Med.	3	2.4	1750	0.87	1.15	56Y	1.9-2.9	5/8	1VL34	4.2	3/4	AK46	A39
		H. static	3	2.9	1750	0.81	1.15	56Y	2.8-3.8	7/8	1VL44	4.2	3/4	AK46	A40
KL	06 (5)	Std.	Direct Drive												
		Med.	3	2.4	1750	0.87	1.15	56HZ	1.9-2.9	5/8	1VL34	4.2	3/4	AK46	A39
		H. static	3	2.9	1750	0.81	1.15	56Z	2.8-3.8	7/8	1VL44	4.2	3/4	AK46	A40
KL	08 (7.5)	Std.	3	2.4	1725	0.80	1.15	56Y	1.9- 2.9	5/8	1VL34	7.0	1	AK74	A47
		Med.	3	2.4	1725	0.80	1.15	56Y	2.8- 3.8	5/8	1VL44	7.0	1	AK74	A48
		H.static	3	3.7	1725	0.84	1.15	56HZ	3.4- 4.4	7/8	1VP50	7.0	1	AK74	A50
KL	09 (8.5)	Std.	3	2.4	1725	0.80	1.15	56Y	1.9- 2.9	5/8	1VL34	7.0	1	AK74	A47
		Med.	3	2.4	1725	0.80	1.15	56Y	2.8- 3.8	5/8	1VL44	7.0	1	AK74	A48
		H.static	3	3.7	1725	0.84	1.15	56HZ	3.4- 4.4	7/8	1VP50	7.0	1	AK74	A50
KL	12 (10)	Std.	3	2.4	1725	0.80	1.15	56Y	2.8- 3.8	5/8	1VL44	7.5	1	AK79	A50
		Med.	3	3.7	1725	0.84	1.15	56HZ	3.4- 4.4	7/8	1VP50	7.5	1	AK79	A50
		H.static	3	5.25	1725	0.84	1.15	145TY	4.3- 5.3	7/8	1VP56	7.9	1	BK85	BX52

Table 91: Indoor blower specifications

Model	Size (ton)	Airflow option	Motor						Motor sheave			Blower sheave			Belt
			Phase	HP	RPM	Eff.	SF	Frame	Datum dia. (in.)	Bore (in.)	Model	Datum Dia. (in.)	Bore (in.)	Model	
KL	14 (12.5)	Std.	3	2.9	1750	0.87	1.15	56Y	2.8- 3.8	5/8	1VL44	7.5	1	AK79	A50
		Med.	3	3.7	1750	0.90	1.15	184TZ	3.4- 4.4	7/8	1VP50	7.5	1	AK79	A52
		H.static	3	5.25	1750	0.90	1.15	184TZ	4.3- 5.3	7/8	1VP56	7.9	1	BK85	BX54

RPM selection

Table 92: RPM selection

Model	Size (Tons)	Airflow Option	Phase	MAX BHP	Blower Sheave	Motor Sheave	6 Turns Open	5 Turns Open	4 Turns Open	3 Turns Open	2 Turns Open	1 Turns Open	Fully Closed
KQ	04 (3)	Std.	Direct Drive										
		Med.	1	1.5	AK46	1VL34	N/A	792	875	958	1042	1125	1208
		Med.	3	2.4	AK46	1VL34	N/A	792	875	958	1042	1125	1208
		H. Static	3	2.4	AK46	1VL44	N/A	1167	1250	1333	1417	1500	1593
KQ	05 (4)	Std.	Direct Drive										
		Med.	1	1.5	AK46	1VL34	N/A	792	875	958	1042	1125	1208
		Med.	3	2.4	AK46	1VL34	N/A	792	875	958	1042	1125	1208
		H. Static	3	2.4	AK46	1VL44	N/A	1167	1250	1333	1417	1500	1593
KQ	06 (5)	Std.	Direct Drive										
		Med.	1	1.5	AK46	1VL34	N/A	792	875	958	1042	1125	1208
		Med.	3	2.4	AK46	1VL34	N/A	792	875	958	1042	1125	1208
		H. Static	3	2.9	AK46	1VL44	N/A	1167	1250	1333	1417	1500	1593
KX	A7 (6)	Std.	3	2.4	AK51	1VL34	N/A	707	782	856	931	1005	1080
		Med.	3	2.9	AK51	1VL44	N/A	1043	1117	1191	1266	1340	1415
		H. Static	3	3.7	AK51	1VP50	N/A	1266	1340	1415	1489	1564	1638
KY	04 (3)	Std.	Direct Drive										
		Med.	1	1.5	AK46	1VL34	N/A	792	875	958	1042	1125	1208
		Med.	3	2.4	AK46	1VL34	N/A	792	875	958	1042	1125	1208
		H. Static	3	2.4	AK46	1VL44	N/A	1167	1250	1333	1417	1500	1593
KY	05 (4)	Std.	Direct Drive										
		Med.	1	1.5	AK46	1VL34	N/A	792	875	958	1042	1125	1208
		Med.	3	2.4	AK46	1VL34	N/A	792	875	958	1042	1125	1208
		H. Static	3	2.9	AK46	1VL44	N/A	1167	1250	1333	1417	1500	1593
KY	06 (5)	Std.	Direct Drive										
		Med.	1	1.5	AK46	1VL34	N/A	792	875	958	1042	1125	1208
		Med.	3	2.4	AK46	1VL34	N/A	792	875	958	1042	1125	1208
		H. Static	3	2.9	AK46	1VL44	N/A	1167	1250	1333	1417	1500	1593
KY	A7 (6)	Std.	3	2.4	AK74	1VL34	N/A	475	525	575	625	675	725
		Med.	3	2.9	AK74	1VL44	N/A	700	750	800	850	900	950
		H. Static	3	3.7	AK74	1VP50	N/A	850	900	950	1000	1050	1100
KY	08 (7.5)	Std.	3	2.4	AK74	1VL34	N/A	475	525	575	625	675	725
		Med.	3	2.4	AK74	1VL44	N/A	700	750	800	850	900	950
		H. Static	3	3.7	AK74	1VP50	N/A	850	900	950	1000	1050	1100
KY	09 (8.5)	Std.	3	2.4	AK74	1VL34	N/A	475	525	575	625	675	725
		Med.	3	2.4	AK74	1VL44	N/A	700	750	800	850	900	950
		H. Static	3	3.7	AK74	1VP50	N/A	850	900	950	1000	1050	1100
KY	12 (10)	Std.	3	2.4	AK79	1VL44	N/A	653	700	747	793	840	887
		Med.	3	3.7	AK79	1VP50	N/A	793	840	887	933	980	1027
		H. Static	3	5.25	BK85	1VP56	953	997	1041	1085	1130	1174	N/A
KL	04 (3)	Std.	Direct drive										
		Med.	3	2.4	AK46	1VL34	N/A	792	875	985	1042	1125	1208
		H.Static	3	2.4	AK46	1VL44	N/A	1167	1250	1333	1417	1500	1593
KL	05 (4)	Std.	Direct drive										
		Med.	3	2.4	AK46	1VL34	N/A	792	875	985	1042	1125	1208
		H.Static	3	2.4	AK46	1VL44	N/A	1167	1250	1333	1417	1500	1593
KL	06 (5)	Std.	Direct drive										
		Med.	3	2.4	AK46	1VL34	N/A	792	875	985	1042	1125	1208
		H.Static	3	2.4	AK46	1VL44	N/A	1167	1250	1333	1417	1500	1593
KL	08 (7.5)	Std.	3	2.4	AK74	1VL34	N/A	475	525	575	625	675	725
		Med.	3	2.4	AK74	1VL44	N/A	700	750	800	850	900	950
		H.Static	3	3.7	AK74	1VP50	N/A	850	900	950	1000	1050	1100
KL	09 (8.5)	Std.	3	2.4	AK74	1VL34	N/A	475	525	575	625	675	725
		Med.	3	2.4	AK74	1VL44	N/A	700	750	800	850	900	950
		H.Static	3	3.7	AK74	1VP50	N/A	850	900	950	1000	1050	1100
KL	12 (10)	Std.	3	2.4	AK79	1VL44	N/A	653	700	747	793	840	887
		Med.	3	3.7	AK79	1VP50	N/A	793	840	887	933	980	1027
		H.Static	3	5.25	BK85	1VP56	953	997	1041	1085	1130	1174	N/A
KL	14 (12.5)	Std.	3	2.9	AK79	1VL44	N/A	653	700	747	793	840	887
		Med.	3	3.7	AK79	1VP50	N/A	793	840	887	933	980	1027
		H.Static	3	5.25	BK85	1VP56	953	997	1041	1085	1130	1174	N/A

Additional static resistance

Table 93: Additional static resistance - KQ04-06

Model	Size (ton)	CFM	Cooling only[1]	Economizer[2, 3]	Electric heat kW[2]			
					6/6.5	9.2/10.5/11	13.8/14/16	23
KQ	4 (3.0) 5 (6.0)	900	0.04	0.03	0.00	0.00	0.01	0.01
		1000	0.05	0.03	0.00	0.00	0.02	0.02
		1100	0.06	0.03	0.01	0.01	0.02	0.03
		1200	0.07	0.04	0.01	0.01	0.02	0.03
		1300	0.1	0.04	0.01	0.01	0.03	0.03
		1400	0.12	0.04	0.02	0.02	0.03	0.04
		1500	0.14	0.04	0.02	0.02	0.04	0.04
		1600	0.16	0.05	0.02	0.02	0.04	0.05
		1700	0.18	0.05	0.03	0.03	0.05	0.05
		1800	0.22	0.06	0.03	0.03	0.05	0.06
		1900	0.25	0.06	0.04	0.04	0.06	0.07
		2000	0.28	0.06	0.04	0.04	0.07	0.08
		2100	0.33	0.07	0.05	0.05	0.07	0.08
		2200	0.36	0.07	0.06	0.06	0.08	0.09
		2300	0.41	0.07	0.06	0.06	0.09	0.1
		2400	0.45	0.08	0.07	0.07	0.1	0.11
		2500	0.5	0.08	0.08	0.08	0.11	0.12
	6 (5.0)	1800	0.23	0.09	0.03	0.03	0.05	0.06
		2000	0.28	0.11	0.04	0.04	0.07	0.08
		2200	0.32	0.13	0.06	0.06	0.08	0.09
		2400	0.37	0.15	0.07	0.07	0.1	0.11

Note:

1. Add these values to the available static resistance in the respective blower performance tables.
2. Deduct these values from the available external static pressure shown in the respective blower performance tables.
3. The pressure drop through the economizer is greater for 100% outdoor air than for 100% return air. If the resistance of the return air duct is less than 0.25 IWG, the unit will deliver less CFM during full economizer operation.

Table 94: Additional static resistance - KXA7

Model	Size (ton)	CFM	Cooling only[1]	Economizer[2, 3]	Electric heat kW[2]							
					6/6.5	9.2/10.5/11	13.8/14/16	16/16.5/17	23	24.8/25.5/27.8	32/33/34	41.7/42.4
KX	A7 (6.0)	1800	0.23	0.09	0.03	0.03	0.05	—	—	—	—	—
		2000	0.28	0.11	0.04	0.04	0.06	—	—	—	—	—
		2200	0.32	0.13	0.06	0.06	0.07	—	—	—	—	—
		2400	0.37	0.15	0.07	0.07	0.08	—	—	—	—	—
		2600	0.38	0.17	0.08	0.08	0.09	—	—	—	—	—
		2800	0.41	0.2	0.09	0.09	0.10	—	—	—	—	—
		3000	0.45	0.22	0.11	0.11	0.12	—	—	—	—	—

Note:

1. Add these values to the available static resistance in the respective blower performance tables.
2. Deduct these values from the available external static pressure shown in the respective blower performance tables.
3. The pressure drop through the economizer is greater for 100% outdoor air than for 100% return air. If the resistance of the return air duct is less than 0.25 IWG, the unit will deliver less CFM during full economizer operation.

Table 95: Additional static resistance - KY04-12

Model	Size (ton)	CFM	Cooling only[1]	Reheat coil[2, 3]	Economizer[2, 3]	Electric heat kW[2]							
						6/6.5	9.2/10.5/11	13.8/14/16	16/16.5/17	23	24.8/25.5/27.8	32/33/34	41.7/42.4
KY	04 (3.0)	900	0.04	0.03	0.15	0.00	0.00	0.01	—	0.01	—	—	—
		1000	0.05	0.03	0.18	0.00	0.00	0.02	—	0.02	—	—	—
		1100	0.06	0.04	0.21	0.01	0.01	0.02	—	0.03	—	—	—
		1200	0.07	0.04	0.24	0.01	0.01	0.02	—	0.03	—	—	—
		1300	0.10	0.04	0.28	0.01	0.01	0.03	—	0.03	—	—	—
		1400	0.12	0.05	0.33	0.02	0.02	0.03	—	0.04	—	—	—
		1500	0.14	0.06	0.44	0.02	0.02	0.04	—	0.04	—	—	—
	05 (4.0)	1200	0.06	0.02	0.24	0.01	0.01	0.02	—	0.03	—	—	—
		1300	0.06	0.03	0.28	0.01	0.01	0.03	—	0.03	—	—	—
		1400	0.06	0.03	0.33	0.02	0.02	0.03	—	0.04	—	—	—
		1500	0.07	0.03	0.44	0.02	0.02	0.04	—	0.04	—	—	—
		1600	0.08	0.03	0.52	0.02	0.02	0.04	—	0.05	—	—	—
		1700	0.11	0.04	0.59	0.03	0.03	0.05	—	0.05	—	—	—
		1800	0.13	0.04	0.66	0.03	0.03	0.05	—	0.06	—	—	—
		1900	0.16	0.05	0.74	0.04	0.04	0.06	—	0.07	—	—	—
		2000	0.20	0.05	0.81	0.04	0.04	0.07	—	0.08	—	—	—
	06 (5.0)	1800	0.23	0.05	0.66	0.03	0.03	0.05	—	0.06	—	—	—
		2000	0.28	0.05	0.81	0.04	0.04	0.07	—	0.08	—	—	—
		2200	0.32	0.06	0.95	0.06	0.06	0.08	—	0.09	—	—	—
		2400	0.37	0.06	1.10	0.07	0.07	0.10	—	0.11	—	—	—
		2500	0.50	0.07	1.17	0.08	0.08	0.11	—	0.12	—	—	—
	A7 (6.0)	1800	0.23	0.06	0.13	0.03	—	—	0.05	—	0.06	—	—
		2000	0.28	0.07	0.15	0.04	—	—	0.06	—	0.07	—	—
		2200	0.32	0.08	0.18	0.06	—	—	0.07	—	0.09	—	—
		2400	0.37	0.09	0.21	0.07	—	—	0.08	—	0.1	—	—
		2600	0.38	0.10	0.24	0.08	—	—	0.09	—	0.11	—	—
		2800	0.41	0.11	0.29	0.09	—	—	0.10	—	0.12	—	—
		3000	0.45	0.12	0.35	0.11	—	—	0.12	—	0.14	—	—
	08 (7.5), 09 (8.5), 12 (10.0)	2200	0.04	0.04	0.18	—	—	—	0.07	—	0.09	0.10	0.12
		2600	0.06	0.05	0.24	—	—	—	0.09	—	0.11	0.12	0.15
		3000	0.10	0.07	0.35	—	—	—	0.12	—	0.14	0.15	0.19
		3400	0.13	0.08	0.47	—	—	—	0.15	—	0.18	0.19	0.23
		3800	0.16	0.10	0.59	—	—	—	0.19	—	0.22	0.23	0.27
		4000	0.17	0.11	0.66	—	—	—	0.21	—	0.24	0.25	0.30
		4400	0.20	0.12	0.79	—	—	—	0.25	—	0.29	0.30	0.35
		4800	0.22	0.14	0.91	—	—	—	0.30	—	0.34	0.35	0.41
		5200	0.24	0.15	1.04	—	—	—	0.35	—	0.39	0.41	0.47
		5600	0.26	0.15	1.17	—	—	—	0.41	—	0.45	0.47	0.54
		6000	0.28	0.16	1.30	—	—	—	0.48	—	0.52	0.54	0.60

Note:

1. Add these values to the available static resistance in the respective blower performance tables.
2. Deduct these values from the available external static pressure shown in the respective blower performance tables.
3. The pressure drop through the economizer is greater for 100% outdoor air than for 100% return air. If the resistance of the return air duct is less than 0.25 IWG, the unit will deliver less CFM during full economizer operation.

Table 96: Additional static resistance - KL04 to KL06

Model	Size (ton)	CFM	Cooling only[1]	Reheatcoil [2,3]	Economizer [2,3]	4 in. filter [2]	Electric heat kW2							
							6/6.5	9.2/10.5/11	13.8/14/16	16/16.5/17	23	24.8/25.5/27.8	32/33/34	41.7/42.4
KL	04 (3.0)	900	0.04	0.03	0.03	—	0.00	0.00	0.01	—	0.01	—	—	—
		1000	0.05	0.03	0.03	—	0.00	0.00	0.02	—	0.02	—	—	—
		1100	0.06	0.04	0.03	—	0.01	0.01	0.02	—	0.03	—	—	—
		1200	0.07	0.04	0.04	—	0.01	0.01	0.02	—	0.03	—	—	—
		1300	0.10	0.04	0.04	—	0.01	0.01	0.03	—	0.03	—	—	—
		1400	0.12	0.05	0.04	—	0.02	0.02	0.03	—	0.04	—	—	—
		1500	0.14	0.06	0.04	—	0.02	0.02	0.04	—	0.04	—	—	—
	05 (4.0)	1200	0.06	0.02	0.04	—	0.01	0.01	0.02	—	0.03	—	—	—
		1300	0.06	0.03	0.05	—	0.01	0.01	0.03	—	0.03	—	—	—
		1400	0.06	0.03	0.06	—	0.02	0.02	0.03	—	0.04	—	—	—
		1500	0.07	0.03	0.07	—	0.02	0.02	0.04	—	0.04	—	—	—
		1600	0.08	0.03	0.08	—	0.02	0.02	0.04	—	0.05	—	—	—
		1700	0.11	0.04	0.09	—	0.03	0.03	0.05	—	0.05	—	—	—
		1800	0.13	0.04	0.09	—	0.03	0.03	0.05	—	0.06	—	—	—
		1900	0.16	0.05	0.10	—	0.04	0.04	0.06	—	0.07	—	—	—
		2000	0.20	0.05	0.11	—	0.04	0.04	0.07	—	0.08	—	—	—
	06 (5.0)	1800	0.23	0.07	0.09	—	0.03	0.03	0.05	—	0.06	—	—	—
		2000	0.28	0.08	0.11	—	0.04	0.04	0.07	—	0.08	—	—	—
		2200	0.32	0.10	0.13	—	0.06	0.06	0.08	—	0.09	—	—	—
		2400	0.37	0.11	0.15	—	0.07	0.07	0.10	—	0.11	—	—	—
		2500	0.50	0.12	0.17	—	0.08	0.08	0.11	—	0.12	—	—	—

Note:

1. Add these values to the available static resistance in the respective blower performance tables.
2. Deduct these values from the available external static pressure shown in the respective blower performance tables.
3. The pressure drop through the economizer is greater for 100% outdoor air than for 100% return air. If the resistance of the return air duct is less than 0.25 IWG, the unit will deliver less CFM during full economizer operation.

Table 97: Additional static resistance - KL08 to KL14

Model	Size (ton)	CFM	Cooling only[1]	Reheatcoil [2,3]	Economizer [2,3]	4 in. filter [2]	Electric heat kW2							
							6/6.5	9.2/10.5/11	13.8/14/16	16/16.5/17	23	24.8/25.5/27.8	32/33/34	41.7/42.4
KL	08 (7.5), 09 (8.5), 12 (10.0), 14 (12.5)	2200	0.04	0.04	0.10	—	—	—	—	0.07	—	0.09	0.10	0.12
		2600	0.06	0.05	0.14	—	—	—	—	0.09	—	0.11	0.12	0.15
		3000	0.10	0.07	0.17	—	—	—	—	0.12	—	0.14	0.15	0.19
		3400	0.13	0.08	0.22	—	—	—	—	0.15	—	0.18	0.19	0.23
		3800	0.16	0.10	0.26	—	—	—	—	0.19	—	0.22	0.23	0.27
		4000	0.17	0.11	0.29	—	—	—	—	0.21	—	0.24	0.25	0.30
		4400	0.20	0.12	0.37	—	—	—	—	0.25	—	0.29	0.30	0.35
		4800	0.22	0.14	0.45	—	—	—	—	0.30	—	0.34	0.35	0.41
		5200	0.24	0.15	0.52	—	—	—	—	0.35	—	0.39	0.41	0.47
		5600	0.26	0.15	0.59	—	—	—	—	0.41	—	0.45	0.47	0.54
		6000	0.28	0.16	0.64	—	—	—	—	0.48	—	0.52	0.54	0.60

Note:

1. Add these values to the available static resistance in the respective blower performance tables.
2. Deduct these values from the available external static pressure shown in the respective blower performance tables.
3. The pressure drop through the economizer is greater for 100% outdoor air than for 100% return air. If the resistance of the return air duct is less than 0.25 IWG, the unit will deliver less CFM during full economizer operation.

Airflow performance

KQ04 to 06 side duct application (belt drive)

Table 98: KQ04 (3.0 ton) side duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
900	n/a	n/a	877	0.25	965	0.34	1050	0.44	1133	0.54	1213	0.64	1292	0.74	1371	0.83	1450	0.92	1531	1.01
1000	795	0.21	887	0.29	976	0.38	1061	0.48	1143	0.58	1224	0.68	1303	0.78	1382	0.87	1461	0.96	1541	1.05
1100	806	0.25	899	0.34	988	0.43	1073	0.53	1155	0.63	1236	0.73	1315	0.83	1394	0.92	1473	1.01	1553	1.09
1200	820	0.31	913	0.39	1002	0.48	1087	0.58	1169	0.68	1249	0.78	1329	0.88	1407	0.97	1487	1.06	1567	1.15
1300	836	0.37	929	0.45	1018	0.54	1103	0.64	1185	0.74	1265	0.84	1345	0.94	1423	1.03	1503	1.12	1583	1.21
1400	855	0.43	948	0.52	1036	0.61	1121	0.70	1204	0.80	1284	0.90	1363	1.00	1442	1.10	1521	1.19	--	--
1500	876	0.50	969	0.58	1058	0.68	1143	0.77	1225	0.87	1305	0.97	1385	1.07	1464	1.17	1543	1.26	--	--

	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 2.4-hp
--	Exceeds recommended blower speed
ⓘ	**Note:** Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 99: KQ05 (4.0 ton) side duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1200	893	0.37	976	0.46	1054	0.56	1128	0.66	1199	0.75	1268	0.85	1336	0.94	1404	1.03	1474	1.12	1545	1.20
1300	910	0.43	993	0.52	1071	0.62	1144	0.72	1216	0.81	1285	0.91	1353	1.00	1421	1.09	1491	1.18	1562	1.26
1400	931	0.49	1014	0.59	1092	0.69	1166	0.78	1237	0.88	1306	0.97	1374	1.06	1442	1.15	1512	1.24	1583	1.33
1500	956	0.56	1039	0.66	1117	0.76	1191	0.85	1262	0.95	1331	1.04	1399	1.14	1467	1.23	1537	1.31	1608	1.40
1600	985	0.64	1067	0.74	1145	0.83	1219	0.93	1290	1.03	1359	1.12	1428	1.21	1496	1.30	1565	1.39	1637	1.47
1700	1016	0.73	1099	0.82	1177	0.92	1251	1.02	1322	1.11	1391	1.21	1459	1.30	1528	1.39	1597	1.48	--	--
1800	1051	0.82	1134	0.92	1212	1.02	1286	1.11	1357	1.21	1426	1.30	1494	1.40	1562	1.49	1632	1.57	--	--
1900	1088	0.93	1171	1.02	1249	1.12	1323	1.22	1394	1.31	1463	1.41	1532	1.50	1600	1.59	--	--	--	--
2000	1128	1.04	1211	1.14	1289	1.23	1363	1.33	1434	1.43	1503	1.52	1571	1.61	1640	1.70	--	--	--	--

	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 2.4-hp
	Field supplied AK41 x ¾ in. fixed blower pulley with motor rated at 2.4-hp
--	Exceeds recommended blower speed
ⓘ	**Note:** Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 100: KQ06 (5.0 ton) side duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1500	806	0.35	885	0.47	961	0.60	1034	0.73	1104	0.86	1170	1.00	1233	1.13	1292	1.26	1346	1.39	1396	1.52
1600	825	0.44	904	0.56	980	0.68	1053	0.81	1123	0.95	1189	1.08	1252	1.22	1311	1.35	1365	1.48	1415	1.61
1700	846	0.52	925	0.64	1001	0.76	1074	0.89	1144	1.03	1210	1.16	1273	1.30	1332	1.43	1386	1.56	1436	1.69
1800	869	0.60	947	0.72	1023	0.84	1096	0.97	1166	1.11	1233	1.24	1295	1.38	1354	1.51	1409	1.64	1459	1.77
1900	892	0.68	971	0.80	1047	0.93	1120	1.06	1190	1.19	1256	1.32	1319	1.46	1378	1.59	1432	1.72	1482	1.85
2000	916	0.77	995	0.89	1071	1.01	1144	1.14	1214	1.28	1280	1.41	1343	1.55	1402	1.68	1456	1.81	1506	1.94
2100	941	0.86	1019	0.98	1095	1.11	1168	1.24	1238	1.37	1305	1.50	1367	1.64	1426	1.77	1481	1.90	1531	2.03
2200	966	0.96	1044	1.08	1120	1.21	1193	1.34	1263	1.47	1329	1.61	1392	1.74	1451	1.87	1505	2.01	1555	2.13
2300	990	1.07	1069	1.19	1145	1.32	1218	1.45	1287	1.58	1354	1.72	1417	1.85	1476	1.98	1530	2.11	1580	2.24
2400	1015	1.19	1093	1.31	1169	1.44	1242	1.57	1312	1.70	1379	1.83	1441	1.97	1500	2.10	1555	2.23	--	--
2500	1039	1.32	1118	1.44	1193	1.56	1266	1.69	1336	1.83	1403	1.96	1466	2.10	1524	2.23	1579	2.36	--	--

	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 2.9-hp
--	Exceeds recommended blower speed
ⓘ	**Note:** Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

KQ04 to 06 bottom duct application (belt drive)

Table 101: KQ04 (3.0 ton) bottom duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
900	792	0.14	879	0.25	968	0.37	1055	0.49	1141	0.61	1226	0.73	1308	0.84	1388	0.93	1466	1.01	1541	1.06
1000	804	0.18	893	0.29	981	0.41	1069	0.53	1155	0.66	1239	0.77	1322	0.88	1402	0.98	1480	1.05	1554	1.10
1100	819	0.23	909	0.34	997	0.46	1084	0.58	1171	0.71	1255	0.82	1337	0.93	1418	1.03	1495	1.10	1570	1.15
1200	837	0.29	926	0.40	1015	0.52	1102	0.64	1188	0.76	1273	0.88	1355	0.99	1435	1.08	1513	1.16	1588	1.21
1300	857	0.36	946	0.46	1035	0.58	1122	0.70	1208	0.83	1293	0.94	1375	1.05	1455	1.15	1533	1.22	--	--
1400	880	0.43	969	0.53	1058	0.65	1145	0.77	1231	0.90	1315	1.02	1398	1.12	1478	1.22	1556	1.29	--	--
1500	905	0.50	994	0.61	1082	0.73	1170	0.85	1256	0.97	1340	1.09	1423	1.20	1503	1.30	1581	1.37	--	--

	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 2.4-hp
--	Exceeds recommended blower speed

Note: Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 102: KQ05 (4.0 ton) bottom duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1200	908	0.34	994	0.45	1072	0.55	1145	0.64	1214	0.74	1283	0.83	1352	0.92	1424	1.01	1502	1.11	1586	1.20
1300	921	0.40	1007	0.51	1085	0.61	1158	0.70	1227	0.80	1296	0.89	1365	0.98	1437	1.07	1514	1.17	1599	1.26
1400	938	0.47	1023	0.58	1101	0.68	1174	0.77	1244	0.86	1312	0.96	1382	1.05	1454	1.14	1531	1.23	1616	1.33
1500	959	0.55	1044	0.65	1122	0.75	1195	0.85	1265	0.94	1333	1.03	1403	1.12	1475	1.21	1552	1.31	1637	1.41
1600	985	0.63	1070	0.73	1148	0.83	1221	0.93	1290	1.02	1359	1.11	1428	1.20	1500	1.29	1578	1.39	--	--
1700	1015	0.71	1100	0.82	1179	0.92	1251	1.01	1321	1.11	1389	1.20	1459	1.29	1531	1.38	1608	1.48	--	--
1800	1050	0.81	1136	0.91	1214	1.01	1287	1.11	1356	1.20	1425	1.29	1494	1.39	1566	1.48	1644	1.57	--	--
1900	1091	0.91	1176	1.02	1254	1.12	1327	1.21	1397	1.31	1465	1.40	1534	1.49	1607	1.58	--	--	--	--
2000	1136	1.02	1222	1.13	1300	1.23	1372	1.32	1442	1.42	1510	1.51	1580	1.60	--	--	--	--	--	--

	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 2.4-hp
	Field supplied AK41 x ¾ in. fixed blower pulley with motor rated at 2.4-hp
--	Exceeds recommended blower speed

Note: Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 103: KQ06 (5.0 ton) bottom duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1500	846	0.34	914	0.48	983	0.62	1052	0.75	1120	0.89	1188	1.02	1254	1.16	1318	1.29	1378	1.43	1435	1.56
1600	868	0.41	936	0.55	1004	0.68	1073	0.82	1142	0.95	1210	1.09	1276	1.23	1339	1.36	1400	1.50	1457	1.63
1700	889	0.49	957	0.62	1026	0.76	1095	0.90	1164	1.03	1231	1.17	1297	1.30	1361	1.44	1422	1.57	1479	1.71
1800	911	0.57	979	0.71	1048	0.85	1117	0.98	1186	1.12	1253	1.25	1319	1.39	1383	1.53	1443	1.66	1501	1.79
1900	934	0.67	1002	0.81	1071	0.94	1140	1.08	1208	1.21	1276	1.35	1342	1.48	1405	1.62	1466	1.75	1523	1.89
2000	958	0.77	1026	0.91	1094	1.04	1164	1.18	1232	1.32	1300	1.45	1366	1.59	1429	1.72	1490	1.86	1547	1.99
2100	983	0.88	1051	1.02	1120	1.15	1189	1.29	1258	1.42	1325	1.56	1391	1.69	1455	1.83	1516	1.96	1573	2.10
2200	1010	0.99	1078	1.13	1147	1.26	1216	1.40	1285	1.54	1352	1.67	1418	1.81	1482	1.94	1543	2.08	--	--
2300	1039	1.11	1107	1.25	1176	1.38	1245	1.52	1314	1.65	1381	1.79	1447	1.93	1511	2.06	1572	2.20	--	--
2400	1070	1.23	1138	1.37	1207	1.50	1276	1.64	1345	1.78	1412	1.91	1478	2.05	1542	2.18	--	--	--	--
2500	1103	1.36	1171	1.49	1240	1.63	1309	1.77	1378	1.90	1445	2.04	1511	2.17	1575	2.31	--	--	--	--

	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 2.9-hp
--	Exceeds recommended blower speed

Note: Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

KXA7 side duct application (belt drive)

Table 104: KXA7 (6.0 ton) side duct

cfm	Available external static - IWG[7]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1800	915	0.67	979	0.77	1041	0.89	1102	1.02	1162	1.16	1221	1.31	1278	1.45	1334	1.59	1389	1.72	1442	1.82
1900	939	0.78	1003	0.87	1065	0.99	1126	1.12	1186	1.27	1244	1.41	1302	1.56	1358	1.69	1412	1.82	1466	1.93
2000	964	0.89	1028	0.99	1090	1.11	1151	1.24	1211	1.38	1269	1.52	1327	1.67	1383	1.81	1437	1.93	1491	2.04
2100	990	1.01	1054	1.11	1116	1.23	1177	1.36	1237	1.50	1296	1.65	1353	1.79	1409	1.93	1464	2.05	1517	2.16
2200	1018	1.14	1081	1.24	1143	1.36	1204	1.49	1264	1.63	1323	1.78	1380	1.92	1436	2.06	1491	2.18	1544	2.29
2300	1046	1.28	1110	1.37	1172	1.49	1233	1.62	1293	1.77	1351	1.91	1409	2.05	1465	2.19	1519	2.32	1573	2.43
2400	1076	1.42	1139	1.52	1201	1.63	1262	1.76	1322	1.91	1381	2.05	1438	2.20	1494	2.33	1549	2.46	1602	2.57
2500	1106	1.56	1170	1.66	1232	1.78	1293	1.91	1353	2.05	1411	2.20	1469	2.34	1525	2.48	1579	2.60	1633	2.71
2600	1138	1.71	1201	1.81	1263	1.93	1324	2.06	1384	2.20	1443	2.35	1500	2.49	1556	2.63	1611	2.75	—	—
2700	1170	1.87	1234	1.96	1296	2.08	1357	2.21	1417	2.35	1475	2.50	1533	2.64	1589	2.78	1638	2.91	—	—
2800	1203	2.02	1267	2.12	1329	2.24	1390	2.37	1450	2.51	1509	2.66	1566	2.80	1622	2.94	—	—	—	—
2900	1238	2.18	1301	2.28	1364	2.40	1425	2.53	1484	2.67	1543	2.81	1600	2.96	--	--	--	--	--	--
3000	1273	2.34	1337	2.44	1399	2.56	1460	2.69	1520	2.83	1578	2.97	1635	3.12	--	--	--	--	--	--

	Standard static option with motor rated at 2.4 hp
	Static option with motor rated at 2.9 hp
	Static option with motor rated at 3.7 hp
--	Exceeds recommended blower speed

Note: Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

KXA7 bottom duct application (belt drive)

Table 105: KXA7 (6.0 ton) bottom duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1800	933	0.64	1000	0.79	1064	0.94	1126	1.09	1185	1.24	1243	1.38	1300	1.52	1356	1.64	1411	1.76	1466	1.86
1900	961	0.74	1028	0.89	1092	1.04	1153	1.19	1213	1.34	1271	1.49	1328	1.62	1384	1.75	1439	1.86	1494	1.97
2000	989	0.85	1055	1.00	1119	1.15	1181	1.31	1241	1.45	1299	1.60	1356	1.73	1411	1.86	1467	1.98	1521	2.08
2100	1017	0.97	1083	1.12	1147	1.27	1209	1.42	1269	1.57	1327	1.72	1384	1.85	1439	1.98	1495	2.09	1549	2.20
2200	1045	1.10	1112	1.25	1176	1.40	1238	1.55	1297	1.70	1355	1.84	1412	1.98	1468	2.10	1523	2.22	1578	2.32
2300	1075	1.23	1141	1.38	1205	1.53	1267	1.68	1327	1.83	1385	1.97	1441	2.11	1497	2.24	1552	2.35	1607	2.45
2400	1105	1.37	1171	1.52	1235	1.67	1297	1.82	1357	1.97	1415	2.11	1472	2.25	1527	2.38	1583	2.49	1637	2.59
2500	1136	1.52	1202	1.67	1266	1.82	1328	1.97	1388	2.12	1446	2.26	1503	2.40	1559	2.53	1614	2.64	—	—
2600	1168	1.67	1234	1.82	1298	1.97	1360	2.13	1420	2.27	1478	2.42	1535	2.55	1591	2.68	1638	2.80	—	—
2700	1201	1.84	1268	1.99	1332	2.14	1393	2.29	1453	2.44	1511	2.58	1568	2.72	1624	2.84	—	—	—	—
2800	1235	2.01	1302	2.16	1366	2.31	1428	2.46	1488	2.61	1546	2.75	1602	2.89	—	—	—	—	—	—
2900	1271	2.18	1338	2.33	1402	2.49	1463	2.64	1523	2.79	1581	2.93	1638	3.07	—	—	—	—	—	—
3000	1308	2.37	1374	2.52	1438	2.67	1500	2.82	1560	2.97	1618	3.12	—	—	—	—	—	—	—	—

	Standard static option with motor rated at 2.4 hp
	Static option with motor rated at 2.9 hp
	Static option with motor rated at 3.7 hp
--	Exceeds recommended blower speed

Note: Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

KY04 to 12 side duct application (belt drive)

Table 106: KY04 (3.0 ton) side duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
900	n/a	n/a	874	0.31	972	0.40	1065	0.50	1153	0.60	1236	0.70	1315	0.80	1390	0.89	1460	0.97	1526	1.05
1000	n/a	n/a	887	0.36	985	0.45	1078	0.55	1165	0.65	1249	0.75	1328	0.85	1402	0.94	1472	1.03	1539	1.10
1100	797	0.33	900	0.42	998	0.51	1091	0.61	1179	0.71	1263	0.81	1341	0.91	1416	1.00	1486	1.08	1553	1.16
1200	813	0.40	916	0.48	1014	0.57	1107	0.67	1195	0.77	1279	0.87	1357	0.97	1432	1.06	1502	1.15	1569	1.22
1300	831	0.46	935	0.55	1033	0.64	1126	0.74	1214	0.84	1297	0.94	1376	1.03	1450	1.13	1520	1.21	1583	1.28
1400	852	0.53	956	0.61	1054	0.71	1146	0.80	1234	0.90	1318	1.00	1396	1.10	1471	1.19	1541	1.28	—	—
1500	876	0.59	979	0.68	1077	0.77	1170	0.87	1258	0.97	1341	1.07	1420	1.17	1494	1.26	1565	1.34	—	—

	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 2.9-hp
--	Exceeds recommended blower speed
ⓘ	**Note:** Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 107: KY05 (4.0 ton) side duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1200	840	0.30	927	0.41	1012	0.53	1096	0.65	1177	0.77	1257	0.89	1334	1.01	1411	1.12	1485	1.22	1558	1.31
1300	857	0.35	944	0.47	1029	0.59	1112	0.71	1194	0.83	1273	0.95	1351	1.07	1427	1.18	1502	1.28	1574	1.37
1400	875	0.42	962	0.53	1048	0.65	1131	0.77	1212	0.89	1292	1.01	1370	1.13	1446	1.24	1520	1.34	1593	1.43
1500	897	0.49	984	0.60	1069	0.72	1152	0.84	1233	0.96	1313	1.08	1391	1.20	1467	1.31	1542	1.41	—	—
1600	921	0.56	1008	0.67	1093	0.79	1176	0.91	1258	1.04	1337	1.16	1415	1.27	1491	1.38	1566	1.49	—	—
1700	948	0.64	1035	0.76	1120	0.87	1204	1.00	1285	1.12	1365	1.24	1442	1.36	1518	1.47	1593	1.57	—	—
1800	979	0.73	1066	0.85	1151	0.96	1234	1.08	1315	1.21	1395	1.33	1473	1.44	1549	1.56	—	—	—	—
1900	1012	0.83	1099	0.94	1185	1.06	1268	1.18	1349	1.30	1429	1.42	1507	1.54	1583	1.65	—	—	—	—
2000	1049	0.93	1136	1.04	1222	1.16	1305	1.28	1386	1.40	1466	1.52	1544	1.64	—	—	—	—	—	—

	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 2.9-hp
--	Exceeds recommended blower speed
ⓘ	**Note:** Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 108: KY06 (5.0 ton) side duct

cfm	Available external static pressure - IWG[2]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1500	810	0.49	883	0.60	954	0.70	1023	0.80	1089	0.91	1152	1.02	1213	1.14	1269	1.26	1323	1.40	1373	1.55
1600	831	0.58	904	0.68	975	0.79	1044	0.89	1110	1.00	1173	1.11	1233	1.22	1290	1.35	1344	1.49	1394	1.64
1700	854	0.66	927	0.77	998	0.87	1067	0.98	1133	1.08	1196	1.19	1256	1.31	1313	1.44	1367	1.57	1417	1.72
1800	878	0.75	952	0.86	1023	0.96	1091	1.07	1157	1.17	1221	1.28	1281	1.40	1338	1.52	1391	1.66	1441	1.81
1900	904	0.84	977	0.95	1048	1.05	1117	1.16	1183	1.26	1246	1.37	1306	1.49	1363	1.61	1417	1.75	1467	1.90
2000	931	0.93	1004	1.04	1075	1.15	1144	1.25	1210	1.36	1273	1.47	1333	1.58	1390	1.71	1444	1.84	1494	1.99
2100	959	1.03	1032	1.14	1103	1.24	1172	1.35	1238	1.45	1301	1.56	1361	1.68	1418	1.81	1472	1.94	1522	2.09
2200	988	1.13	1061	1.24	1132	1.35	1201	1.45	1267	1.56	1330	1.67	1390	1.78	1447	1.91	1501	2.04	1550	2.19
2300	1017	1.24	1091	1.35	1162	1.45	1230	1.56	1296	1.66	1359	1.77	1420	1.89	1477	2.02	1530	2.15	1580	2.30
2400	1047	1.36	1121	1.46	1192	1.57	1260	1.67	1326	1.78	1390	1.89	1450	2.01	1507	2.13	1560	2.27	—	—
2500	1078	1.48	1151	1.58	1222	1.69	1291	1.79	1357	1.90	1420	2.01	1480	2.13	1537	2.25	1591	2.39	—	—

	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 2.9-hp
--	Exceeds recommended blower speed
ⓘ	**Note:** Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 109: KYA7 (6.0 ton) side duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1800	521	0.27	583	0.44	644	0.63	703	0.81	759	0.99	814	1.17	866	1.34	916	1.51	964	1.67	1010	1.83
1900	529	0.31	591	0.49	651	0.67	710	0.85	767	1.03	821	1.21	874	1.39	924	1.56	972	1.72	1017	1.87
2000	536	0.36	598	0.54	659	0.72	718	0.90	774	1.08	829	1.26	881	1.44	931	1.61	979	1.77	1025	1.92
2100	544	0.42	606	0.59	667	0.77	725	0.95	782	1.14	836	1.32	889	1.49	939	1.66	987	1.82	1032	1.97
2200	551	0.47	614	0.65	674	0.83	733	1.01	789	1.19	844	1.37	896	1.55	947	1.72	994	1.88	1040	2.03
2300	559	0.53	622	0.71	682	0.89	741	1.07	797	1.25	852	1.43	904	1.61	954	1.77	1002	1.94	1048	2.09
2400	567	0.59	630	0.77	690	0.95	749	1.13	805	1.31	860	1.49	912	1.67	962	1.84	1010	2.00	1056	2.15
2500	575	0.66	638	0.83	698	1.01	757	1.20	813	1.38	868	1.56	920	1.73	970	1.90	1018	2.06	1064	2.22
2600	584	0.73	646	0.90	707	1.08	765	1.26	822	1.45	876	1.63	929	1.80	979	1.97	1027	2.13	1072	2.28
2700	592	0.80	655	0.97	715	1.15	774	1.34	830	1.52	885	1.70	937	1.87	987	2.04	1035	2.20	1081	2.36
2800	601	0.87	664	1.05	724	1.23	783	1.41	839	1.59	894	1.77	946	1.95	996	2.12	1044	2.28	1090	2.43
2900	610	0.95	673	1.13	733	1.31	792	1.49	848	1.67	903	1.85	955	2.03	1005	2.20	1053	2.36	1099	2.51
3000	619	1.03	682	1.21	742	1.39	801	1.57	858	1.75	912	1.93	964	2.11	1015	2.28	1063	2.44	—	—

	Standard static option with motor rated at 2.4-hp>
	Medium static option with motor rated at 2.9-hp
	High static option with motor rated at 3.7-hp
--	Exceeds recommended blower speed
ⓘ	**Note:** Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 110: KY08 (7.5 ton) side duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
2250	547	0.39	610	0.60	670	0.81	727	1.01	783	1.21	836	1.41	888	1.59	939	1.78	989	1.96	1038	2.13
2400	556	0.47	619	0.69	679	0.90	736	1.10	792	1.30	845	1.49	897	1.68	948	1.86	998	2.04	1047	2.22
2600	568	0.60	631	0.81	691	1.02	749	1.22	804	1.42	857	1.61	909	1.80	960	1.99	1010	2.17	1059	2.34
2800	581	0.73	644	0.95	704	1.16	762	1.36	817	1.56	871	1.75	923	1.94	973	2.13	1023	2.31	1073	2.48
3000	595	0.89	658	1.10	718	1.31	776	1.51	831	1.71	885	1.91	937	2.09	988	2.28	1038	2.46	1087	2.63
3200	610	1.05	673	1.27	733	1.48	791	1.68	846	1.88	900	2.07	952	2.26	1003	2.44	1053	2.62	—	—
3400	627	1.23	689	1.45	750	1.66	807	1.86	863	2.06	916	2.25	968	2.44	1019	2.62	1069	2.80	—	—
3600	644	1.42	707	1.64	767	1.85	824	2.05	880	2.25	933	2.44	985	2.63	1036	2.82	1086	3.00	—	—
3750	657	1.58	720	1.79	780	2.00	838	2.20	893	2.40	947	2.60	999	2.78	1049	2.97	1099	3.15	—	—

	Standard static option with motor rated at 2.4-hp>
	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 3.7-hp
--	Exceeds recommended blower speed

Note: Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 111: KY09 (8.5 ton) side duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
2550	565	0.56	628	0.78	688	0.99	745	1.19	801	1.39	854	1.58	906	1.77	957	1.95	1007	2.13	1056	2.31
2600	568	0.60	631	0.81	691	1.02	749	1.22	804	1.42	857	1.61	909	1.80	960	1.99	1010	2.17	1059	2.34
2800	581	0.73	644	0.95	704	1.16	762	1.36	817	1.56	871	1.75	923	1.94	973	2.13	1023	2.31	1073	2.48
3000	595	0.89	658	1.10	718	1.31	776	1.51	831	1.71	885	1.91	937	2.09	988	2.28	1038	2.46	1087	2.63
3200	610	1.05	673	1.27	733	1.48	791	1.68	846	1.88	900	2.07	952	2.26	1003	2.44	1053	2.62	1100	2.80
3400	627	1.23	689	1.45	750	1.66	807	1.86	863	2.06	916	2.25	968	2.44	1019	2.62	1069	2.80	—	—
3600	644	1.42	707	1.64	767	1.85	824	2.05	880	2.25	933	2.44	985	2.63	1036	2.82	1086	3.00	—	—
3800	662	1.63	725	1.84	785	2.05	842	2.26	898	2.46	951	2.65	1003	2.84	1054	3.02	1100	3.20	—	—
4000	681	1.85	744	2.06	804	2.27	861	2.47	917	2.67	970	2.87	1022	3.05	1073	3.24	—	—	—	—
4200	701	2.08	764	2.29	**824**	**2.50**	881	2.70	937	2.90	990	3.09	1042	3.28	1093	3.47	—	—	—	—
4250	706	2.14	769	2.35	**829**	**2.56**	887	2.76	942	2.96	996	3.15	1048	3.34	1098	3.53	—	—	—	—

	Standard static option with motor rated at 2.4-hp>
	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 3.7-hp
Bold	Field-supplied AK79 x 1 fixed pulley (p/n 9381) with motor rated at 3.7-hp
--	Exceeds recommended blower speed

Note: Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 112: KY12 (10 ton) side duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
3000	653	0.79	706	1.02	758	1.25	808	1.49	858	1.72	907	1.95	955	2.18	1003	2.40	1049	2.62	1095	2.82
3200	667	0.94	720	1.17	771	1.40	822	1.64	872	1.88	921	2.11	969	2.34	1016	2.56	1063	2.77	1109	2.97
3400	682	1.11	734	1.34	786	1.57	837	1.81	887	2.04	936	2.28	984	2.50	1031	2.73	1078	2.94	1124	3.14
3600	697	1.29	750	1.52	802	1.76	853	1.99	903	2.23	952	2.46	1000	2.69	1047	2.91	1094	3.12	1140	3.32
3800	714	1.50	767	1.73	819	1.96	870	2.20	920	2.43	969	2.67	1017	2.90	1064	3.12	1111	3.33	1157	3.53
4000	733	1.73	786	1.96	837	2.19	888	2.43	938	2.66	987	2.90	1035	3.12	1083	3.34	1129	3.56	1174	3.76
4200	753	1.98	806	2.21	857	2.44	908	2.68	958	2.91	1007	3.15	1055	3.37	1102	3.60	1149	3.81	—	—
4400	774	2.25	827	2.48	879	2.72	930	2.95	979	3.19	1028	3.42	1076	3.65	1124	3.87	1170	4.08	—	—
4600	797	2.55	850	2.78	902	3.02	952	3.25	1002	3.49	1051	3.72	1099	3.95	1147	4.17	—	—	—	—
4800	822	2.88	874	3.11	926	3.34	977	3.58	1027	3.81	1076	4.05	1124	4.27	1171	4.50	—	—	—	—
5000	848	3.23	901	3.46	952	3.69	1003	3.93	1053	4.16	1102	4.40	1150	4.62	—	—	—	—	—	—

	Standard static option with motor rated at 2.4-hp>
	Medium static option with motor rated at 3.7-hp
	High static option with motor rated at 5.25-hp
--	Exceeds recommended blower speed

Note: Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

KY04 to 12 bottom duct application (belt drive)

Table 113: KY04 (3.0 ton) bottom duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
900	n/a	n/a	878	0.26	976	0.37	1070	0.47	1161	0.58	1247	0.67	1329	0.76	1405	0.85	1477	0.93	1543	1.00
1000	792	0.20	894	0.31	992	0.42	1087	0.52	1177	0.62	1263	0.72	1345	0.81	1422	0.90	1493	0.98	1560	1.05
1100	810	0.26	912	0.37	1010	0.47	1104	0.58	1195	0.68	1281	0.77	1363	0.87	1439	0.95	1511	1.03	1577	1.11
1200	829	0.32	931	0.43	1029	0.54	1124	0.64	1214	0.74	1300	0.84	1382	0.93	1459	1.02	1530	1.10	1593	1.17
1300	850	0.39	952	0.50	1050	0.61	1145	0.71	1235	0.81	1321	0.91	1403	1.00	1480	1.09	1552	1.17	—	—
1400	874	0.47	975	0.58	1073	0.69	1168	0.79	1258	0.89	1344	0.99	1426	1.08	1503	1.17	1575	1.25	—	—
1500	899	0.56	1000	0.67	1098	0.77	1193	0.88	1283	0.98	1370	1.07	1451	1.17	1528	1.25	1600	1.33	—	—

	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 2.9-hp
--	Exceeds recommended blower speed
ⓘ	**Note:** Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 114: KY05 (4.0 ton) bottom duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1200	840	0.37	929	0.46	1016	0.56	1101	0.68	1184	0.80	1265	0.93	1345	1.04	1423	1.14	1500	1.22	1576	1.28
1300	858	0.43	947	0.52	1035	0.62	1120	0.74	1203	0.86	1284	0.99	1364	1.10	1442	1.20	1519	1.28	1593	1.34
1400	879	0.49	968	0.58	1055	0.69	1140	0.81	1224	0.93	1305	1.05	1385	1.17	1463	1.27	1540	1.35	—	—
1500	903	0.56	992	0.65	1079	0.76	1164	0.88	1247	1.00	1328	1.12	1408	1.24	1486	1.34	1563	1.42	—	—
1600	929	0.64	1018	0.73	1105	0.83	1190	0.95	1273	1.07	1354	1.20	1434	1.31	1512	1.41	1589	1.49	—	—
1700	957	0.72	1047	0.81	1134	0.91	1219	1.03	1302	1.15	1383	1.28	1463	1.39	1541	1.49	—	—	—	—
1800	989	0.80	1078	0.89	1165	1.00	1250	1.12	1333	1.24	1415	1.36	1494	1.47	1572	1.58	—	—	—	—
1900	1023	0.89	1112	0.98	1199	1.08	1284	1.20	1367	1.33	1449	1.45	1528	1.56	—	—	—	—	—	—
2000	1059	0.98	1149	1.07	1236	1.18	1321	1.29	1404	1.42	1485	1.54	1565	1.65	—	—	—	—	—	—

	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 2.9-hp
--	Exceeds recommended blower speed
ⓘ	**Note:** Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 115: KY06 (5.0 ton) bottom duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1500	840	0.48	910	0.58	977	0.67	1042	0.77	1106	0.87	1166	0.98	1225	1.08	1280	1.19	1334	1.30	1384	1.41
1600	866	0.55	935	0.65	1003	0.74	1068	0.84	1131	0.94	1192	1.04	1250	1.15	1306	1.26	1359	1.37	1410	1.48
1700	892	0.63	961	0.72	1029	0.82	1094	0.92	1157	1.02	1218	1.12	1276	1.23	1332	1.33	1385	1.44	1436	1.56
1800	918	0.71	987	0.81	1055	0.90	1120	1.00	1183	1.10	1244	1.21	1302	1.31	1358	1.42	1411	1.53	1462	1.64
1900	944	0.80	1014	0.90	1081	1.00	1146	1.09	1209	1.19	1270	1.30	1329	1.40	1384	1.51	1438	1.62	1488	1.73
2000	971	0.90	1041	1.00	1108	1.09	1174	1.19	1237	1.29	1297	1.39	1356	1.50	1412	1.61	1465	1.72	1516	1.83
2100	999	1.01	1069	1.10	1136	1.20	1202	1.30	1265	1.40	1326	1.50	1384	1.60	1440	1.71	1493	1.82	1544	1.93
2200	1028	1.12	1098	1.21	1165	1.31	1231	1.41	1294	1.51	1355	1.61	1413	1.72	1469	1.82	1522	1.93	1573	2.05
2300	1058	1.24	1128	1.33	1195	1.43	1261	1.53	1324	1.63	1385	1.73	1443	1.83	1499	1.94	1552	2.05	—	—
2400	1090	1.36	1159	1.46	1227	1.55	1292	1.65	1355	1.75	1416	1.85	1474	1.96	1530	2.07	1583	2.18	—	—
2500	1122	1.49	1191	1.59	1259	1.68	1324	1.78	1387	1.88	1448	1.98	1506	2.09	1562	2.20	1615	2.31	—	—

	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 2.9-hp
--	Exceeds recommended blower speed

ⓘ **Note:** Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 116: KYA7 (6.0 ton) bottom duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1800	525	0.31	590	0.48	653	0.65	713	0.82	770	0.98	825	1.15	878	1.31	928	1.48	976	1.65	1022	1.83
1900	534	0.36	599	0.53	661	0.71	721	0.87	779	1.03	834	1.20	886	1.36	936	1.53	984	1.70	1030	1.88
2000	542	0.41	607	0.59	670	0.76	730	0.93	787	1.09	842	1.25	895	1.42	945	1.58	993	1.75	1039	1.93
2100	551	0.47	616	0.65	678	0.82	738	0.99	796	1.15	850	1.31	903	1.47	953	1.64	1001	1.81	1047	1.99
2200	559	0.53	624	0.71	687	0.88	747	1.05	804	1.21	859	1.37	912	1.54	962	1.70	1010	1.88	1056	2.05
2300	568	0.60	634	0.78	696	0.95	756	1.11	813	1.28	868	1.44	921	1.60	971	1.77	1019	1.94	1065	2.12
2400	578	0.66	643	0.84	705	1.01	765	1.18	823	1.34	878	1.51	930	1.67	981	1.84	1029	2.01	1074	2.19
2500	588	0.74	653	0.91	715	1.08	775	1.25	833	1.41	888	1.58	940	1.74	991	1.91	1039	2.08	1084	2.26
2600	598	0.81	663	0.99	725	1.16	785	1.32	843	1.49	898	1.65	950	1.81	1001	1.98	1049	2.15	1094	2.33
2700	609	0.88	674	1.06	736	1.23	796	1.40	853	1.56	908	1.72	961	1.89	1011	2.05	1059	2.23	—	—
2800	620	0.96	685	1.14	747	1.31	807	1.47	864	1.64	919	1.80	972	1.96	1022	2.13	1070	2.30	—	—
2900	631	1.04	696	1.22	759	1.39	819	1.55	876	1.72	931	1.88	984	2.04	1034	2.21	1082	2.38	—	—
3000	643	1.12	708	1.30	771	1.47	830	1.64	888	1.80	943	1.96	996	2.12	1046	2.29	1094	2.46	—	—

	Standard static option with motor rated at 2.4-hp
	Medium static option with motor rated at 2.9-hp
	High static option with motor rated at 3.7-hp
--	Exceeds recommended blower speed

ⓘ **Note:** Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 117: KY08 (7.5 ton) bottom duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
2250	556	0.45	621	0.65	683	0.83	742	1.00	798	1.18	852	1.34	904	1.51	954	1.69	1003	1.87	1050	2.06
2400	567	0.53	632	0.73	694	0.91	753	1.09	809	1.26	863	1.43	914	1.60	964	1.77	1013	1.95	1060	2.14
2600	580	0.65	646	0.85	707	1.03	766	1.21	823	1.30	876	1.55	928	1.72	978	1.89	1027	2.07	1074	2.27
2800	595	0.79	660	0.99	722	1.17	780	1.35	837	1.52	890	1.69	942	1.86	992	2.03	1041	2.21	1088	2.40
3000	609	0.94	674	1.14	736	1.32	795	1.50	851	1.67	905	1.83	957	2.00	1007	2.18	1056	2.36	1100	2.55
3200	625	1.10	690	1.30	752	1.48	810	1.66	867	1.83	921	2.00	972	2.17	1022	2.34	1071	2.52	—	—
3400	641	1.28	706	1.47	768	1.66	827	1.83	883	2.00	937	2.17	989	2.34	1039	2.52	1087	2.70	—	—
3600	658	1.47	723	1.66	785	1.85	844	2.02	900	2.19	954	2.36	1006	2.53	1056	2.70	1100	2.89	—	—
3750	672	1.61	737	1.81	799	1.99	858	2.17	914	2.34	968	2.51	1019	2.68	1069	2.85	—	—	—	—

	Standard static option with motor rated at 2.4-hp
	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 3.7-hp
--	Exceeds recommended blower speed

Note: Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 118: KY09 (8.5 ton) bottom duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
2550	577	0.62	642	0.82	704	1.00	763	1.18	819	1.35	873	1.52	925	1.69	975	1.86	1023	2.04	1071	2.23
2600	580	0.65	646	0.85	707	1.03	766	1.21	823	1.38	876	1.55	928	1.72	978	1.89	1027	2.07	1074	2.27
2800	595	0.79	660	0.99	722	1.17	780	1.35	837	1.52	890	1.69	942	1.86	992	2.03	1041	2.21	1088	2.40
3000	609	0.94	674	1.14	736	1.32	795	1.50	851	1.67	905	1.83	957	2.00	1007	2.18	1056	2.36	1103	2.55
3200	625	1.10	690	1.30	752	1.48	810	1.66	867	1.83	921	2.00	972	2.17	1022	2.34	1071	2.52	—	—
3400	641	1.28	706	1.47	768	1.66	827	1.83	883	2.00	937	2.17	989	2.34	1039	2.52	1087	2.70	—	—
3600	658	1.47	723	1.66	785	1.85	844	2.02	900	2.19	954	2.36	1006	2.53	1056	2.70	1104	2.89	—	—
3800	676	1.67	742	1.86	803	2.04	862	2.22	918	2.39	972	2.56	1024	2.73	1074	2.90	—	—	—	—
4000	696	1.88	761	2.07	823	2.26	882	2.43	938	2.60	992	2.77	1043	2.94	1093	3.12	—	—	—	—
4200	716	2.10	781	2.29	**843**	**2.48**	902	2.65	958	2.82	1012	2.99	1064	3.16	1114	3.34	—	—	—	—
4250	721	2.16	786	2.35	848	2.53	907	2.71	963	2.88	1017	3.05	1069	3.22	1119	3.39	—	—	—	—

	Standard static option with motor rated at 2.4-hp
	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 3.7-hp
Bold	Field-supplied AK79 x 1 fixed pulley (p/n 9381) with motor rated at 3.7-hp
--	Exceeds recommended blower speed

Note: Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 119: KY12 (10 ton) bottom duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
2600	626	0.50	679	0.73	731	0.97	782	1.20	831	1.44	880	1.67	928	1.90	976	2.12	1022	2.33	1068	2.53
2800	639	0.64	692	0.87	744	1.11	795	1.34	845	1.58	894	1.81	942	2.04	989	2.26	1036	2.47	1082	2.67
3000	653	0.79	706	1.02	758	1.25	808	1.49	858	1.72	907	1.95	955	2.18	1003	2.40	1049	2.62	1095	2.82
3200	667	0.94	720	1.17	771	1.40	822	1.64	872	1.88	921	2.11	969	2.34	1016	2.56	1063	2.77	1109	2.97
3400	682	1.11	734	1.34	786	1.57	837	1.81	887	2.04	936	2.28	984	2.50	1031	2.73	1078	2.94	1124	3.14
3600	697	1.29	750	1.52	802	1.76	853	1.99	903	2.23	952	2.46	1000	2.69	1047	2.91	1094	3.12	1140	3.32
3800	714	1.50	767	1.73	819	1.96	870	2.20	920	2.43	969	2.67	1017	2.90	1064	3.12	1111	3.33	1157	3.53
4000	733	1.73	786	1.96	837	2.19	888	2.43	938	2.66	987	2.90	1035	3.12	1083	3.34	1129	3.56	1175	3.76
4200	753	1.98	806	2.21	857	2.44	908	2.68	958	2.91	1007	3.15	1055	3.37	1102	3.60	1149	3.81	1195	4.01
4400	774	2.25	827	2.48	879	2.72	930	2.95	979	3.19	1028	3.42	1076	3.65	1124	3.87	1170	4.08	1216	4.28
4600	797	2.55	850	2.78	902	3.02	952	3.25	1002	3.49	1051	3.72	1099	3.95	1147	4.17	1193	4.38	1239	4.58
4800	822	2.88	874	3.11	926	3.34	977	3.58	1027	3.81	1076	4.05	1124	4.27	1171	4.50	1218	4.71	—	—
5000	848	3.23	901	3.46	952	3.69	1003	3.93	1053	4.16	1102	4.40	1150	4.62	1197	4.84	1242	5.06	—	—

	Standard static option with motor rated at 2.4-hp
	Medium static option with motor rated at 3.7-hp
	High static option with motor rated at 5.25-hp
--	Exceeds recommended blower speed

Note: Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications. See Rpm selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

KL04 to KL06 side duct application (belt drive)

Table 120: KL04 (3.0 ton) side duct

cfm	Available external static pressure - IWG[1]																			
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
900	n/a	n/a	874	0.31	972	0.40	1065	0.50	1153	0.60	1236	0.70	1315	0.80	1390	0.89	1460	0.97	1526	1.05
1000	n/a	n/a	887	0.36	985	0.45	1078	0.55	1165	0.65	1249	0.75	1328	0.85	1402	0.94	1472	1.03	1539	1.10
1100	797	0.33	900	0.42	998	0.51	1091	0.61	1179	0.71	1263	0.81	1341	0.91	1416	1.00	1486	1.08	1553	1.16
1200	813	0.40	916	0.48	1014	0.57	1107	0.67	1195	0.77	1279	0.87	1357	0.97	1432	1.06	1502	1.15	1569	1.22
1300	831	0.46	935	0.55	1033	0.64	1126	0.74	1214	0.84	1297	0.94	1376	1.03	1450	1.13	1520	1.21	1583	1.28
1400	852	0.53	956	0.61	1054	0.71	1146	0.80	1234	0.90	1318	1.00	1396	1.10	1471	1.19	1541	1.28	--	--
1500	876	0.59	979	0.68	1077	0.77	1170	0.87	1258	0.97	1341	1.07	1420	1.17	1494	1.26	1565	1.34	--	--

	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 2.9-hp
--	Exceeds recommended blower speed

1 Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications.

Note: See RPM selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 121: KL05 (4.0 ton) side duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1200	840	0.30	927	0.41	1012	0.53	1096	0.65	1177	0.77	1257	0.89	1334	1.01	1411	1.12	1485	1.22	1558	1.31
1300	857	0.35	944	0.47	1029	0.59	1112	0.71	1194	0.83	1273	0.95	1351	1.07	1427	1.18	1502	1.28	1574	1.37
1400	875	0.42	962	0.53	1048	0.65	1131	0.77	1212	0.89	1292	1.01	1370	1.13	1446	1.24	1520	1.34	1593	1.43
1500	897	0.49	984	0.60	1069	0.72	1152	0.84	1233	0.96	1313	1.08	1391	1.20	1467	1.31	1542	1.41	--	--
1600	921	0.56	1008	0.67	1093	0.79	1176	0.91	1258	1.04	1337	1.16	1415	1.27	1491	1.38	1566	1.49	--	--
1700	948	0.64	1035	0.76	1120	0.87	1204	1.00	1285	1.12	1365	1.24	1442	1.36	1518	1.47	1593	1.57	--	--
1800	979	0.73	1066	0.85	1151	0.96	1234	1.08	1315	1.21	1395	1.33	1473	1.44	1549	1.56	--	--	--	--
1900	1012	0.83	1099	0.94	1185	1.06	1268	1.18	1349	1.30	1429	1.42	1507	1.54	1583	1.65	--	--	--	--
2000	1049	0.93	1136	1.04	1222	1.16	1305	1.28	1386	1.40	1466	1.52	1544	1.64	--	--	--	--	--	--

Table 121: KL05 (4.0 ton) side duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
	Medium static option with motor rated at 2.4-hp																			
	High static option with motor rated at 2.9-hp																			
--	Exceeds recommended blower speed																			

1 Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications.

Note: See RPM selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 122: KL06 (5.0 ton) side duct

cfm	Available external static pressure - IWG [1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1500	810	0.49	883	0.60	954	0.70	1023	0.80	1089	0.91	1152	1.02	1213	1.14	1269	1.26	1323	1.40	1373	1.55
1600	831	0.58	904	0.68	975	0.79	1044	0.89	1110	1.00	1173	1.11	1233	1.22	1290	1.35	1344	1.49	1394	1.64
1700	854	0.66	927	0.77	998	0.87	1067	0.98	1133	1.08	1196	1.19	1256	1.31	1313	1.44	1367	1.57	1417	1.72
1800	878	0.75	952	0.86	1023	0.96	1091	1.07	1157	1.17	1221	1.28	1281	1.40	1338	1.52	1391	1.66	1441	1.81
1900	904	0.84	977	0.95	1048	1.05	1117	1.16	1183	1.26	1246	1.37	1306	1.49	1363	1.61	1417	1.75	1467	1.90
2000	931	0.93	1004	1.04	1075	1.15	1144	1.25	1210	1.36	1273	1.47	1333	1.58	1390	1.71	1444	1.84	1494	1.99
2100	959	1.03	1032	1.14	1103	1.24	1172	1.35	1238	1.45	1301	1.56	1361	1.68	1418	1.81	1472	1.94	1522	2.09
2200	988	1.13	1061	1.24	1132	1.35	1201	1.45	1267	1.56	1330	1.67	1390	1.78	1447	1.91	1501	2.04	1550	2.19
2300	1017	1.24	1091	1.35	1162	1.45	1230	1.56	1296	1.66	1359	1.77	1420	1.89	1477	2.02	1530	2.15	1580	2.30
2400	1047	1.36	1121	1.46	1192	1.57	1260	1.67	1326	1.78	1390	1.89	1450	2.01	1507	2.13	1560	2.27	--	--
2500	1078	1.48	1151	1.58	1222	1.69	1291	1.79	1357	1.90	1420	2.01	1480	2.13	1537	2.25	1591	2.39	--	--
	Medium static option with motor rated at 2.4-hp																			
	High static option with motor rated at 2.9-hp																			
--	Exceeds recommended blower speed																			

1 Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications.

Note: See RPM selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.857 x bhp

KL04 to KL06 bottom duct application (belt drive)

Table 123: KL04 (3.0 ton) bottom duct

cfm	Available external static pressure - IWG [1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
900	n/a	n/a	878	0.26	976	0.37	1070	0.47	1161	0.58	1247	0.67	1329	0.76	1405	0.85	1477	0.93	1543	1.00
1000	792	0.20	894	0.31	992	0.42	1087	0.52	1177	0.62	1263	0.72	1345	0.81	1422	0.90	1493	0.98	1560	1.05
1100	810	0.26	912	0.37	1010	0.47	1104	0.58	1195	0.68	1281	0.77	1363	0.87	1439	0.95	1511	1.03	1577	1.11
1200	829	0.32	931	0.43	1029	0.54	1124	0.64	1214	0.74	1300	0.84	1382	0.93	1459	1.02	1530	1.10	1593	1.17
1300	850	0.39	952	0.50	1050	0.61	1145	0.71	1235	0.81	1321	0.91	1403	1.00	1480	1.09	1552	1.17	--	--
1400	874	0.47	975	0.58	1073	0.69	1168	0.79	1258	0.89	1344	0.99	1426	1.08	1503	1.17	1575	1.25	--	--
1500	899	0.56	1000	0.67	1098	0.77	1193	0.88	1283	0.98	1370	1.07	1451	1.17	1528	1.25	1600	1.33	--	--
	Medium static option with motor rated at 2.4-hp																			
	High static option with motor rated at 2.9-hp																			
--	Exceeds recommended blower speed																			

1 Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications.

Note: See RPM selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 124: KL05 (4.0 ton) bottom duct

cfm	Available external static pressure - IWG [1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1200	840	0.37	929	0.46	1016	0.56	1101	0.68	1184	0.80	1265	0.93	1345	1.04	1423	1.14	1500	1.22	1576	1.28
1300	858	0.43	947	0.52	1035	0.62	1120	0.74	1203	0.86	1284	0.99	1364	1.10	1442	1.20	1519	1.28	1593	1.34
1400	879	0.49	968	0.58	1055	0.69	1140	0.81	1224	0.93	1305	1.05	1385	1.17	1463	1.27	1540	1.35	--	--
1500	903	0.56	992	0.65	1079	0.76	1164	0.88	1247	1.00	1328	1.12	1408	1.24	1486	1.34	1563	1.42	--	--
1600	929	0.64	1018	0.73	1105	0.83	1190	0.95	1273	1.07	1354	1.20	1434	1.31	1512	1.41	1589	1.49	--	--
1700	957	0.72	1047	0.81	1134	0.91	1219	1.03	1302	1.15	1383	1.28	1463	1.39	1541	1.49	--	--	--	--
1800	989	0.80	1078	0.89	1165	1.00	1250	1.12	1333	1.24	1415	1.36	1494	1.47	1572	1.58	--	--	--	--
1900	1023	0.89	1112	0.98	1199	1.08	1284	1.20	1367	1.33	1449	1.45	1528	1.56	--	--	--	--	--	--
2000	1059	0.98	1149	1.07	1236	1.18	1321	1.29	1404	1.42	1485	1.54	1565	1.65	--	--	--	--	--	--

	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 2.9-hp
--	Exceeds recommended blower speed

1 Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications.

Note: See RPM selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 125: KL06 (5.0 ton) bottom duct

cfm	Available external static pressure - IWG [1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
1500	840	0.48	910	0.58	977	0.67	1042	0.77	1106	0.87	1166	0.98	1225	1.08	1280	1.19	1334	1.30	1384	1.41
1600	866	0.55	935	0.65	1003	0.74	1068	0.84	1131	0.94	1192	1.04	1250	1.15	1306	1.26	1359	1.37	1410	1.48
1700	892	0.63	961	0.72	1029	0.82	1094	0.92	1157	1.02	1218	1.12	1276	1.23	1332	1.33	1385	1.44	1436	1.56
1800	918	0.71	987	0.81	1055	0.90	1120	1.00	1183	1.10	1244	1.21	1302	1.31	1358	1.42	1411	1.53	1462	1.64
1900	944	0.80	1014	0.90	1081	1.00	1146	1.09	1209	1.19	1270	1.30	1329	1.40	1384	1.51	1438	1.62	1488	1.73
2000	971	0.90	1041	1.00	1108	1.09	1174	1.19	1237	1.29	1297	1.39	1356	1.50	1412	1.61	1465	1.72	1516	1.83
2100	999	1.01	1069	1.10	1136	1.20	1202	1.30	1265	1.40	1326	1.50	1384	1.60	1440	1.71	1493	1.82	1544	1.93
2200	1028	1.12	1098	1.21	1165	1.31	1231	1.41	1294	1.51	1355	1.61	1413	1.72	1469	1.82	1522	1.93	1573	2.05
2300	1058	1.24	1128	1.33	1195	1.43	1261	1.53	1324	1.63	1385	1.73	1443	1.83	1499	1.94	1552	2.05	--	--
2400	1090	1.36	1159	1.46	1227	1.55	1292	1.65	1355	1.75	1416	1.85	1474	1.96	1530	2.07	1583	2.18	--	--
2500	1122	1.49	1191	1.59	1259	1.68	1324	1.78	1387	1.88	1448	1.98	1506	2.09	1562	2.20	1615	2.31	--	--

	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 2.9-hp
--	Exceeds recommended blower speed

1 Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications.

Note: See RPM selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.857 x bhp

KL08 to KL14 side duct application (belt drive)

Table 126: KL 08 (7.5 ton) side duct

cfm	Available external static pressure - IWG [1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
2250	547	0.39	610	0.60	670	0.81	727	1.01	783	1.21	836	1.41	888	1.59	939	1.78	989	1.96	1038	2.13
2400	556	0.47	619	0.69	679	0.90	736	1.10	792	1.30	845	1.49	897	1.68	948	1.86	998	2.04	1047	2.22
2600	568	0.60	631	0.81	691	1.02	749	1.22	804	1.42	857	1.61	909	1.80	960	1.99	1010	2.17	1059	2.34
2800	581	0.73	644	0.95	704	1.16	762	1.36	817	1.56	871	1.75	923	1.94	973	2.13	1023	2.31	1073	2.48
3000	595	0.89	658	1.10	718	1.31	776	1.51	831	1.71	885	1.91	937	2.09	988	2.28	1038	2.46	1087	2.63
3200	610	1.05	673	1.27	733	1.48	791	1.68	846	1.88	900	2.07	952	2.26	1003	2.44	1053	2.62	--	--
3400	627	1.23	689	1.45	750	1.66	807	1.86	863	2.06	916	2.25	968	2.44	1019	2.62	1069	2.80	--	--
3600	644	1.42	707	1.64	767	1.85	824	2.05	880	2.25	933	2.44	985	2.63	1036	2.82	1086	3.00	--	--
3750	657	1.58	720	1.79	780	2.00	838	2.20	893	2.40	947	2.60	999	2.78	1049	2.97	1099	3.15	--	--

	Standard static option with motor rated at 2.4-hp
	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 3.7-hp
--	Exceeds recommended blower speed

1 Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications.

Note: See RPM selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 127: KL 09 (8.5 ton) side duct

cfm	Available external static pressure - IWG [1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
2550	565	0.56	628	0.78	688	0.99	745	1.19	801	1.39	854	1.58	906	1.77	957	1.95	1007	2.13	1056	2.31
2600	568	0.60	631	0.81	691	1.02	749	1.22	804	1.42	857	1.61	909	1.80	960	1.99	1010	2.17	1059	2.34
2800	581	0.73	644	0.95	704	1.16	762	1.36	817	1.56	871	1.75	923	1.94	973	2.13	1023	2.31	1073	2.48
3000	595	0.89	658	1.10	718	1.31	776	1.51	831	1.71	885	1.91	937	2.09	988	2.28	1038	2.46	1087	2.63
3200	610	1.05	673	1.27	733	1.48	791	1.68	846	1.88	900	2.07	952	2.26	1003	2.44	1053	2.62	1100	2.80
3400	627	1.23	689	1.45	750	1.66	807	1.86	863	2.06	916	2.25	968	2.44	1019	2.62	1069	2.80	--	--
3600	644	1.42	707	1.64	767	1.85	824	2.05	880	2.25	933	2.44	985	2.63	1036	2.82	1086	3.00	--	--
3800	662	1.63	725	1.84	785	2.05	842	2.26	898	2.46	951	2.65	1003	2.84	1054	3.02	1100	3.20	--	--
4000	681	1.85	744	2.06	804	2.27	861	2.47	917	2.67	970	2.87	1022	3.05	1073	3.24	--	--	--	--
4200	701	2.08	764	2.29	**824**	**2.50**	881	2.70	937	2.90	990	3.09	1042	3.28	1093	3.47	--	--	--	--
4250	706	2.14	769	2.35	**829**	**2.56**	887	2.76	942	2.96	996	3.15	1048	3.34	1098	3.53	--	--	--	--

	Standard static option with motor rated at 2.4-hp
	Medium static option with motor rated at 2.4-hp
	High static option with motor rated at 3.7-hp
Bold	Field-supplied BK95 x 1 fixed pulley (p/n 9381) with motor rated at 3.7-hp
--	Exceeds recommended blower speed

1 Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications.

Note: See RPM selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 128: KL12 (10 ton) side duct

cfm	Available external static pressure - IWG [1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
3000	653	0.79	706	1.02	758	1.25	808	1.49	858	1.72	907	1.95	955	2.18	1003	2.4	1049	2.62	1095	2.82
3200	667	0.94	720	1.17	771	1.40	822	1.64	872	1.88	921	2.11	969	2.34	1016	2.56	1063	2.77	1109	2.97
3400	682	1.11	734	1.34	786	1.57	837	1.81	887	2.04	936	2.28	984	2.5	1031	2.73	1078	2.94	1124	3.14
3600	697	1.29	750	1.52	802	1.76	853	1.99	903	2.23	952	2.46	1000	2.69	1047	2.91	1094	3.12	1140	3.32
3800	714	1.50	767	1.73	819	1.96	870	2.20	920	2.43	969	2.67	1017	2.90	1064	3.12	1111	3.33	1157	3.53
4000	733	1.73	786	1.96	837	2.19	888	2.43	938	2.66	987	2.90	1035	3.12	1083	3.34	1129	3.56	1174	3.76
4200	753	1.98	806	2.21	857	2.44	908	2.68	958	2.91	1007	3.15	1055	3.37	1102	3.6	1149	3.81	--	--
4400	774	2.25	827	2.48	879	2.72	930	2.95	979	3.19	1028	3.42	1076	3.65	1124	3.87	1170	4.08	--	--

Table 128: KL12 (10 ton) side duct

cfm	Available external static pressure - IWG [1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
4600	797	2.55	850	2.78	902	3.02	952	3.25	1002	3.49	1051	3.72	1099	3.95	1147	4.17	--	--	--	--
4800	822	2.88	874	3.11	926	3.34	977	3.58	1027	3.81	1076	4.05	1124	4.27	1171	4.50	--	--	--	--
5000	848	3.23	901	3.46	952	3.69	1003	3.93	1053	4.16	1102	4.4	1150	4.62	--	--	--	--	--	--

	Standard static option with motor rated at 2.4-hp
	Medium static option with motor rated at 2.9-hp
	High static option with motor rated at 3.7-hp
--	Exceeds recommended blower speed

1 Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications.

Note: See RPM selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 129: KL14 (12.5 ton) side duct

cfm	Available external static pressure - IWG [1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
3750	684	1.33	741	1.56	792	1.81	840	2.07	884	2.33	927	2.60	971	2.85	1017	3.09	1066	3.30	1121	3.49
3800	688	1.38	745	1.61	797	1.85	844	2.12	888	2.38	932	2.65	976	2.90	1021	3.14	1071	3.35	1125	3.54
4000	706	1.58	763	1.81	814	2.06	861	2.32	906	2.59	949	2.85	993	3.11	1039	3.35	1088	3.56	1142	3.74
4200	724	1.81	781	2.04	832	2.29	879	2.55	924	2.82	967	3.08	1011	3.34	1057	3.57	1106	3.79	1160	3.97
4400	742	2.06	799	2.29	850	2.54	897	2.80	942	3.06	985	3.33	1029	3.58	1075	3.82	1124	4.03	1178	4.22
4600	760	2.32	817	2.55	869	2.80	916	3.06	960	3.33	1004	3.59	1048	3.85	1093	4.08	1143	4.30	--	--
4800	779	2.60	836	2.83	888	3.08	935	3.34	979	3.61	1023	3.88	1067	4.13	1112	4.37	1162	4.58	--	--
5000	799	2.91	856	3.14	907	3.39	954	3.65	999	3.91	1042	4.18	1086	4.43	1132	4.67	--	--	--	--
5200	819	3.23	876	3.46	927	3.71	974	3.97	1019	4.23	1062	4.50	1106	4.75	1152	4.99	--	--	--	--
5400	839	3.57	896	3.80	953	4.04	995	4.31	1039	4.57	1083	4.84	1127	5.09	--	--	--	--	--	--
5600	860	3.92	917	4.15	969	4.40	1016	4.66	1060	4.93	1104	5.19	--	--	--	--	--	--	--	--
5800	882	4.30	939	4.53	990	4.77	1037	5.04	--	--	--	--	--	--	--	--	--	--	--	--
6000	904	4.69	961	4.92	1012	5.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	Standard static option with motor rated at 2.9-hp
	Medium static option with motor rated at 3.7-hp
	High static option with motor rated at 5.25-hp
--	Exceeds recommended blower speed

1 Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications.

Note: See RPM selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

KL08 to KL14 bottom duct application (belt drive)

Table 130: KL08 (7.5 ton) bottom duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
2250	556	0.45	621	0.65	683	0.83	742	1.00	798	1.18	852	1.34	904	1.51	954	1.69	1003	1.87	1050	2.06
2400	567	0.53	632	0.73	694	0.91	753	1.09	809	1.26	863	1.43	914	1.60	964	1.77	1013	1.95	1060	2.14
2600	580	0.65	646	0.85	707	1.03	766	1.21	823	1.38	876	1.55	928	1.72	978	1.89	1027	2.07	1074	2.27
2800	595	0.79	660	0.99	722	1.17	780	1.35	837	1.52	890	1.69	942	1.86	992	2.03	1041	2.21	1088	2.40
3000	609	0.94	674	1.14	736	1.32	795	1.50	851	1.67	905	1.83	957	2.00	1007	2.18	1056	2.36	1100	2.55
3200	625	1.10	690	1.30	752	1.48	810	1.66	867	1.83	921	2.00	972	2.17	1022	2.34	1071	2.52	--	--
3400	641	1.28	706	1.47	768	1.66	827	1.83	883	2.00	937	2.17	989	2.34	1039	2.52	1087	2.70	--	--
3600	658	1.47	723	1.66	785	1.85	844	2.02	900	2.19	954	2.36	1006	2.53	1056	2.70	1100	2.89	--	--
3750	672	1.61	737	1.81	799	1.99	858	2.17	914	2.34	968	2.51	1019	2.68	1069	2.85	--	--	--	--

	Standard static option with motor rated at 2.4-hp

Table 130: KL08 (7.5 ton) bottom duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
	Medium static option with motor rated at 2.9-hp																			
	High static option with motor rated at 3.7-hp																			
--	Exceeds recommended blower speed																			

1 Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications.

ⓘ **Note:** See RPM selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 131: KL09 (8.5 ton) bottom duct

cfm	Available external static pressure - IWG [1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
2550	577	0.62	642	0.82	704	1.00	763	1.18	819	1.35	873	1.52	925	1.69	975	1.86	1023	2.04	1071	2.23
2600	580	0.65	646	0.85	707	1.03	766	1.21	823	1.38	876	1.55	928	1.72	978	1.89	1027	2.07	1074	2.27
2800	595	0.79	660	0.99	722	1.17	780	1.35	837	1.52	890	1.69	942	1.86	992	2.03	1041	2.21	1088	2.40
3000	609	0.94	674	1.14	736	1.32	795	1.50	851	1.67	905	1.83	957	2.00	1007	2.18	1056	2.36	1103	2.55
3200	625	1.10	690	1.30	752	1.48	810	1.66	867	1.83	921	2.00	972	2.17	1022	2.34	1071	2.52	--	--
3400	641	1.28	706	1.47	768	1.66	827	1.83	883	2.00	937	2.17	989	2.34	1039	2.52	1087	2.70	--	--
3600	658	1.47	723	1.66	785	1.85	844	2.02	900	2.19	954	2.36	1006	2.53	1056	2.7	1104	2.89	--	--
3800	676	1.67	742	1.86	803	2.04	862	2.22	918	2.39	972	2.56	1024	2.73	1074	2.90	--	--	--	--
4000	696	1.88	761	2.07	823	2.26	882	2.43	938	2.6	992	2.77	1043	2.94	1093	3.12	--	--	--	--
4200	716	2.1	781	2.29	**843**	**2.48**	902	2.65	958	2.82	1012	2.99	1064	3.16	1114	3.34	--	--	--	--
4250	721	2.16	786	2.35	848	2.53	907	2.71	963	2.88	1017	3.05	1069	3.22	1119	3.39	--	--	--	--
	Standard static option with motor rated at 2.4-hp																			
	Medium static option with motor rated at 2.9-hp																			
	High static option with motor rated at 3.7-hp																			
Bold	Field-suppliedBK95 x 1 fixed pulley (p/n 9381) with motor rated at 3.7-hp																			
--	Exceeds recommended blower speed																			

1 Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications.

ⓘ **Note:** See RPM selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 132: KL12 (10 ton) bottom duct

cfm	Available external static pressure - IWG [1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
2600	626	0.5	679	0.73	731	0.97	782	1.20	831	1.44	880	1.67	928	1.9	976	2.12	1022	2.33	1068	2.53
2800	639	0.64	692	0.87	744	1.11	795	1.34	845	1.58	894	1.81	942	2.04	989	2.26	1036	2.47	1082	2.67
3000	653	0.79	706	1.02	758	1.25	808	1.49	858	1.72	907	1.95	955	2.18	1003	2.40	1049	2.62	1095	2.82
3200	667	0.94	720	1.17	771	1.40	822	1.64	872	1.88	921	2.11	969	2.34	1016	2.56	1063	2.77	1109	2.97
3400	682	1.11	734	1.34	786	1.57	837	1.81	887	2.04	936	2.28	984	2.50	1031	2.73	1078	2.94	1124	3.14
3600	697	1.29	750	1.52	802	1.76	853	1.99	903	2.23	952	2.46	1000	2.69	1047	2.91	1094	3.12	1140	3.32
3800	714	1.5	767	1.73	819	1.96	870	2.20	920	2.43	969	2.67	1017	2.90	1064	3.12	1111	3.33	1157	3.53
4000	733	1.73	786	1.96	837	2.19	888	2.43	938	2.66	987	2.90	1035	3.12	1083	3.34	1129	3.56	1175	3.76
4200	753	1.98	806	2.21	857	2.44	908	2.68	958	2.91	1007	3.15	1055	3.37	1102	3.6	1149	3.81	1195	4.01
4400	774	2.25	827	2.48	879	2.72	930	2.95	979	3.19	1028	3.42	1076	3.65	1124	3.87	1170	4.08	1216	4.28
4600	797	2.55	850	2.78	902	3.02	952	3.25	1002	3.49	1051	3.72	1099	3.95	1147	4.17	1193	4.38	1239	4.58
4800	822	2.88	874	3.11	926	3.34	977	3.58	1027	3.81	1076	4.05	1124	4.27	1171	4.5	1218	4.71	--	--
5000	848	3.23	901	3.46	952	3.69	1003	3.93	1053	4.16	1102	4.40	1150	4.62	1197	4.84	1242	5.06	--	--
	Standard static option with motor rated at 2.4-hp																			

Table 132: KL12 (10 ton) bottom duct

cfm	Available external static pressure - IWG [1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
	Medium static option with motor rated at 3.7-hp																			
	High static option with motor rated at 5.25-hp																			
--	Exceeds recommended blower speed																			

1 Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications.

Note: See RPM selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

Table 133: KL14 (12.5 ton) bottom duct

cfm	Available external static pressure - IWG[1]																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
3750	715	1.46	762	1.68	810	1.91	858	2.13	907	2.36	957	2.58	1008	2.80	1060	3.02	1113	3.24	1167	3.46
3800	720	1.51	766	1.73	814	1.96	862	2.18	911	2.41	961	2.63	1012	2.85	1064	3.07	1117	3.29	1171	3.51
4000	737	1.72	784	1.94	832	2.17	880	2.39	929	2.62	979	2.84	1030	3.07	1082	3.29	1135	3.51	--	--
4200	756	1.95	803	2.17	851	2.40	899	2.63	948	2.85	998	3.07	1049	3.30	1101	3.52	1154	3.74	--	--
4400	777	2.20	824	2.42	871	2.65	920	2.87	969	3.10	1019	3.32	1069	3.55	1121	3.77	1174	3.98	--	--
4600	799	2.47	846	2.69	893	2.92	941	3.14	990	3.37	1040	3.59	1091	3.81	1143	4.04	--	--	--	--
4800	822	2.75	869	2.98	916	3.20	965	3.43	1014	3.65	1064	3.88	1114	4.10	1166	4.32	--	--	--	--
5000	846	3.06	893	3.28	941	3.51	989	3.73	1038	3.96	1088	4.18	1139	4.41	--	--	--	--	--	--
5200	872	3.39	919	3.61	966	3.83	1015	4.06	1064	4.28	1114	4.51	1164	4.73	--	--	--	--	--	--
5400	899	3.73	946	3.95	993	4.18	1042	4.40	1091	4.63	1141	4.85	--	--	--	--	--	--	--	--
5600	927	4.09	974	4.32	1021	4.54	1070	4.77	1119	4.99	1169	5.22	--	--	--	--	--	--	--	--
5800	956	4.47	1003	4.70	1051	4.92	1099	5.15	--	--	--	--	--	--	--	--	--	--	--	--
6000	987	4.87	1034	5.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Standard static option with motor rated at 2.4-hp																			
	Medium static option with motor rated at 3.7-hp																			
	High static option with motor rated at 5.25-hp																			
--	Exceeds recommended blower speed																			

1 Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications.

Note: See RPM selection table to determine required motor sheave setting and to determine the maximum continuous bhp. kW = 0.929 x bhp

KQ04 to 06 side duct application (direct drive)

Table 134: KQ04 to 06 side duct (cooling)

Unit (ton)	Motor speed	Available external static														
		0.2			0.4			0.6			0.8			1.0		
		cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm
KQ04 (3)	1 (Low)	1147	152	659	988	181	787	901	203	891	800	226	987	682	247	1071
	2 (Med/Low)	1214	175	683	1094	206	810	965	232	896	898	258	1003	794	276	1084
	3 (Med)	1402	234	735	1324	264	835	1161	302	947	1074	329	1034	986	351	1114
	4 (Med/Hi)	1570	310	791	1512	348	884	1429	381	977	1253	420	1079	1130	423	1148
	5 (Hi)	1825	448	866	1769	487	946	1705	521	1023	1610	559	1107	1229	472	1159
KQ05 (4)	1 (Low)	1412	261	793	1322	290	884	1244	321	966	1109	347	1059	1035	369	1131
	2 (Med/Low)	1521	313	831	1461	349	920	1382	374	989	1283	400	1072	1166	426	1150
	3 (Med)	1636	376	874	1574	413	959	1487	441	1034	1413	465	1099	1184	446	1164
	4 (Med/Hi)	1813	484	937	1747	522	1013	1668	552	1088	1581	565	1141	1212	458	1170
	5 (Hi)	2351	920	1111	2129	819	1138	1912	718	1153	1678	622	1164	1378	513	1176
KQ06 (5)	1 (Low)	1692	345	727	1583	374	797	1482	403	866	1380	437	939	1262	462	1000
	2 (Med/Low)	1849	438	779	1755	468	843	1667	495	902	1552	530	971	1439	558	1033
	3 (Med)	1989	532	818	1904	564	877	1828	598	935	1738	628	994	1633	664	1058
	4 (Med/Hi)	2159	673	876	2087	713	931	2010	729	985	1933	778	1035	1859	812	1091
	5 (Hi)	2349	852	928	2270	887	978	2195	922	1028	2118	947	1075	1973	914	1109

Table 135: KQ04 to 06 side duct (gas heat)

Unit (ton)	Motor speed	Available external static														
		0.2			0.4			0.6			0.8			1.0		
		cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm
KQ04 (3)	1 (Low)	1094	165	715	956	187	828	851	213	932	752	237	1026	638	253	1100
	2 (Med/Low)	1180	189	735	1064	216	842	940	242	945	849	263	1029	748	286	1116
	3 (Med)	1353	251	790	1271	280	883	1138	310	979	1036	338	1068	958	362	1144
	4 (Med/Hi)	1517	340	863	1450	374	940	1364	398	1021	1232	434	1114	1022	393	1163
	5 (Hi)	1763	490	953	1690	520	1020	1619	549	1086	1442	525	1140	1070	413	1168
KQ05 (4)	1 (Low)	1356	285	870	1280	308	939	1185	332	1019	1074	364	1113	850	343	1179
	2 (Med/Low)	1459	349	920	1390	371	985	1306	393	1050	1195	421	1133	862	350	1182
	3 (Med)	1553	412	973	1475	442	1039	1415	462	1092	1289	469	1155	880	357	1182
	4 (Med/Hi)	1718	530	1040	1645	562	1102	1534	555	1147	1377	510	1165	961	390	1183
	5 (Hi)	1955	737	1146	1780	665	1156	1587	599	1168	1407	529	1175	902	366	1186
KQ06 (5)	1 (Low)	1570	372	791	1463	399	855	1358	425	918	1260	456	983	1161	481	1044
	2 (Med/Low)	1740	468	845	1638	496	903	1543	529	965	1454	553	1015	1360	578	1070
	3 (Med)	1882	569	889	1786	601	947	1687	629	1002	1587	660	1053	1487	680	1105
	4 (Med/Hi)	2052	732	955	1967	749	999	1883	778	1049	1788	808	1099	1621	778	1130
	5 (Hi)	2227	905	1004	2138	937	1051	2038	947	1091	1869	887	1118	1662	811	1137

KQ04 to 06 bottom duct application (direct drive)

Table 136: KQ04 to 06 bottom duct (cooling)

Unit (ton)	Motor speed	Available external static														
		0.2			0.4			0.6			0.8			1.0		
		cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm
KQ04 (3)	1 (Low)	1086	165	721	929	192	837	861	211	927	769	235	1023	636	253	1108
	2 (Med/Low)	1171	192	745	1035	221	856	946	241	944	868	267	1037	771	290	1119
	3 (Med)	1328	257	806	1255	280	890	1106	316	993	1038	336	1068	944	354	1148
	4 (Med/Hi)	1509	340	867	1449	376	953	1309	407	1046	1210	436	1121	1002	387	1162
	5 (Hi)	1740	490	959	1683	522	1033	1618	555	1101	1315	500	1149	1037	404	1168
KQ05 (4)	1 (Low)	1330	284	863	1261	302	929	1172	329	1006	1053	353	1088	970	376	1162
	2 (Med/Low)	1458	349	917	1385	372	981	1307	395	1047	1174	421	1129	1023	398	1170
	3 (Med)	1553	414	965	1477	440	1033	1427	461	1086	1334	480	1148	1017	400	1175
	4 (Med/Hi)	1714	532	1041	1638	563	1107	1555	563	1143	1374	503	1161	1033	406	1176
	5 (Hi)	1935	740	1150	1768	667	1160	1610	610	1167	1421	536	1175	1061	421	1183
KQ06 (5)	1 (Low)	1600	355	759	1518	390	831	1437	418	897	1324	445	961	1224	469	1020
	2 (Med/Low)	1760	449	811	1676	486	879	1587	514	938	1497	547	999	1414	574	1057
	3 (Med)	1898	554	859	1809	587	921	1735	619	977	1641	647	1035	1549	675	1088
	4 (Med/Hi)	2072	708	923	1991	741	977	1917	775	1029	1836	802	1079	1702	794	1122
	5 (Hi)	2228	884	980	2151	919	1031	2072	944	1077	1945	914	1109	1731	822	1131

Table 137: KQ04 to 06 bottom duct (gas heat)

Unit (ton)	Motor speed	Available external static														
		0.2			0.4			0.6			0.8			1.0		
		cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm
KQ04 (3)	1 (Low)	1047	167	733	903	195	854	808	220	956	693	238	1042	567	254	1115
	2 (Med/Low)	1122	197	769	995	225	876	899	252	979	804	276	1065	682	294	1143
	3 (Med)	1275	262	829	1197	291	916	1058	324	1025	963	350	1108	792	334	1165
	4 (Med/Hi)	1461	353	895	1391	381	972	1279	415	1064	1123	432	1146	854	355	1169
	5 (Hi)	1674	506	993	1620	538	1061	1533	555	1123	1179	463	1161	885	369	1176
KQ05 (4)	1 (Low)	1301	300	911	1211	324	986	1112	349	1062	1007	371	1144	738	318	1184
	2 (Med/Low)	1408	366	970	1331	390	1041	1232	416	1117	1061	401	1169	693	306	1184
	3 (Med)	1496	436	1019	1425	459	1079	1331	482	1146	1083	415	1171	717	316	1184
	4 (Med/Hi)	1641	553	1091	1566	566	1138	1392	520	1160	1104	429	1176	738	321	1185
	5 (Hi)	1779	680	1160	1630	621	1167	1428	547	1174	1144	447	1184	761	332	1191
KQ06 (5)	1 (Low)	1572	373	802	1466	402	868	1378	434	935	1264	461	999	1183	484	1055
	2 (Med/Low)	1718	475	859	1632	508	920	1531	535	980	1438	562	1036	1344	592	1094
	3 (Med)	1868	578	908	1777	606	961	1687	639	1019	1591	666	1074	1474	678	1122
	4 (Med/Hi)	2019	740	976	1944	770	1023	1859	797	1070	1743	796	1114	1528	728	1139
	5 (Hi)	2182	927	1035	2089	949	1080	1961	918	1109	1808	854	1128	1552	737	1144

KY04 to 06 side duct application (direct drive)

Table 138: KY04 to 06 side duct (cooling)

Unit (ton)	Motor speed	Available external static														
		0.2			0.4			0.6			0.8			1.0		
		cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm
KY04 (3)	1 (Low)	987	120	651	813	145	774	698	162	864	541	180	959	383	201	1047
	2 (Med/Low)	1079	144	677	936	171	795	793	190	886	692	214	975	521	232	1063
	3 (Med)	1153	166	701	1037	195	812	875	221	913	786	239	986	654	263	1076
	4 (Med/Hi)	1191	178	712	1086	206	815	927	233	916	837	257	998	711	278	1083
	5 (Hi)	1728	484	959	1649	515	1027	1579	544	1089	1425	524	1138	1001	405	1168
KY05 (4)	1 (Low)	1302	207	727	1188	240	841	1037	266	933	941	296	1022	882	318	1098
	2 (Med/Low)	1421	247	757	1323	282	861	1209	315	958	1064	346	1043	993	368	1116
	3 (Med)	1538	297	795	1453	332	888	1343	367	982	1216	396	1058	1093	427	1146
	4 (Med/Hi)	1571	315	809	1496	352	898	1385	389	996	1288	420	1072	1135	444	1147
	5 (Hi)	1779	432	878	1707	470	960	1615	511	1042	1516	544	1123	1165	468	1160
KY06 (5)	1 (Low)	1588	298	695	1517	330	761	1409	358	835	1273	393	913	1167	418	973
	2 (Med/Low)	1624	321	713	1557	352	777	1464	383	845	1315	418	924	1224	446	983
	3 (Med)	1942	504	792	1881	536	852	1800	565	908	1714	605	969	1611	644	1038
	4 (Med/Hi)	2146	631	840	2064	692	908	2001	713	954	1932	757	1007	1843	794	1065
	5 (Hi)	2316	812	892	2240	861	954	2181	894	1000	2113	938	1045	2003	946	1093

Table 139: KY04 to 06 side duct (gas heat)

Unit (ton)	Motor speed	Available external static														
		0.2			0.4			0.6			0.8			1.0		
		cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm
KY04 (3)	1 (Low)	978	125	684	853	149	797	734	172	906	596	190	998	445	203	1068
	2 (Med/Low)	1078	153	721	962	175	817	846	200	922	726	226	1026	599	241	1098
	3 (Med)	1153	178	748	1045	199	837	934	226	937	831	251	1031	709	272	1114
	4 (Med/Hi)	1315	248	819	1239	272	895	1138	300	980	1037	323	1062	922	343	1144
	5 (Hi)	1728	484	959	1649	515	1027	1579	544	1089	1425	524	1138	1001	405	1168
KY05 (4)	1 (Low)	1299	223	786	1226	249	871	1137	273	956	1031	303	1051	923	329	1143
	2 (Med/Low)	1413	272	832	1349	299	906	1266	325	982	1160	352	1070	1042	370	1155
	3 (Med)	1514	327	878	1456	353	942	1389	381	1014	1298	408	1089	1133	405	1165
	4 (Med/Hi)	1751	472	972	1698	502	1033	1639	534	1088	1543	536	1142	1156	420	1172
	5 (Hi)	2093	768	1116	1944	717	1137	1764	651	1152	1506	552	1163	1146	441	1177
KY06 (5)	1 (Low)	1528	328	781	1427	356	850	1346	386	912	1256	410	969	1181	434	1022
	2 (Med/Low)	1575	362	803	1488	391	871	1401	419	929	1319	445	985	1247	469	1037
	3 (Med)	1867	572	902	1795	601	963	1709	628	1015	1633	652	1061	1544	671	1110
	4 (Med/Hi)	2049	718	968	1969	768	1026	1902	788	1070	1808	802	1110	1637	744	1132
	5 (Hi)	2218	899	1021	2138	928	1074	2007	907	1105	1846	842	1123	1671	767	1139

KY04 to 06 bottom duct application (direct drive)

Table 140: KY04 to 06 bottom duct (cooling)

Unit (ton)	Motor speed	Available external static														
		0.2			0.4			0.6			0.8			1.0		
		cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm
KY04 (3)	1 (Low)	929	128	699	782	148	794	663	164	880	514	187	976	377	202	1053
	2 (Med/Low)	1036	157	732	870	177	827	803	198	905	649	217	996	508	236	1074
	3 (Med)	1106	181	760	956	204	849	878	225	928	755	245	1010	616	266	1092
	4 (Med/Hi)	1147	197	776	1042	218	860	916	243	944	820	262	1017	671	286	1103
	5 (Hi)	1680	501	997	1622	526	1056	1538	546	1119	1296	485	1153	939	374	1176
KY05 (4)	1 (Low)	1256	220	776	1170	242	851	1077	266	931	988	298	1025	872	321	1113
	2 (Med/Low)	1350	272	828	1279	292	893	1196	320	966	1105	347	1048	1003	372	1131
	3 (Med)	1449	323	866	1380	350	937	1303	370	996	1223	402	1071	1133	428	1149
	4 (Med/Hi)	1488	345	882	1418	374	954	1357	394	1006	1264	424	1083	1160	442	1155
	5 (Hi)	1677	471	966	1602	507	1034	1543	525	1083	1475	545	1131	1209	465	1162
KY06 (5)	1 (Low)	1548	310	720	1441	336	792	1337	370	864	1213	397	928	1097	421	988
	2 (Med/Low)	1593	337	738	1488	363	805	1381	394	875	1271	425	937	1150	451	997
	3 (Med)	1880	532	827	1792	563	890	1719	588	944	1632	629	1006	1527	652	1061
	4 (Med/Hi)	2066	689	895	1999	712	942	1907	761	999	1830	773	1048	1734	809	1100
	5 (Hi)	2237	862	949	2163	882	996	2097	929	1036	1998	946	1085	1815	883	1115

Table 141: KY04 to 06 bottom duct (gas heat)

Unit (ton)	Motor speed	Available external static														
		0.2			0.4			0.6			0.8			1.0		
		cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm	cfm	watts	rpm
KY04 (3)	1 (Low)	969	130	703	839	151	810	717	174	916	569	191	1006	444	204	1069
	2 (Med/Low)	1063	158	741	955	180	834	828	204	938	709	227	1030	583	242	1100
	3 (Med)	1135	182	769	1041	208	858	919	229	952	805	254	1045	681	275	1127
	4 (Med/Hi)	1310	256	842	1225	279	917	1123	307	1001	1029	334	1083	863	335	1155
	5 (Hi)	1680	501	997	1622	526	1056	1538	546	1119	1296	485	1153	939	374	1176
KY05 (4)	1 (Low)	1277	228	801	1196	251	878	1096	278	967	983	305	1062	873	329	1156
	2 (Med/Low)	1382	278	847	1307	302	916	1217	327	994	1108	355	1083	949	359	1164
	3 (Med)	1486	331	888	1417	359	957	1331	385	1028	1237	410	1103	1023	385	1169
	4 (Med/Hi)	1717	473	991	1653	509	1052	1586	538	1107	1443	521	1150	1052	394	1175
	5 (Hi)	2006	738	1132	1854	682	1147	1704	621	1154	1504	552	1168	1073	418	1177
KY06 (5)	1 (Low)	1488	335	787	1400	363	851	1320	389	910	1242	416	969	1160	440	1027
	2 (Med/Low)	1536	364	803	1453	392	864	1363	419	924	1293	447	981	1212	471	1037
	3 (Med)	1822	586	914	1752	602	966	1666	632	1017	1586	656	1066	1503	676	1113
	4 (Med/Hi)	1999	726	982	1932	761	1030	1860	809	1076	1753	799	1114	1598	749	1134
	5 (Hi)	2170	932	1040	2091	930	1084	1965	910	1109	1798	843	1127	1618	763	1139

Power exhaust blower curves

Figure 3: 208/280-1-60 power exhaust fan curve

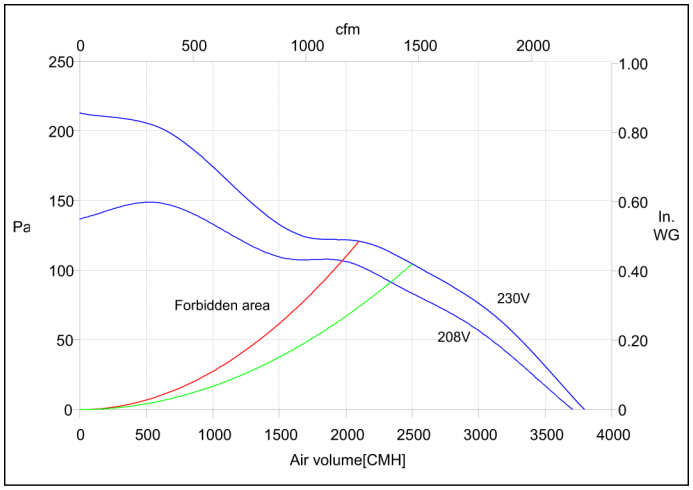


Figure 4: 460-3-60 power exhaust fan curve

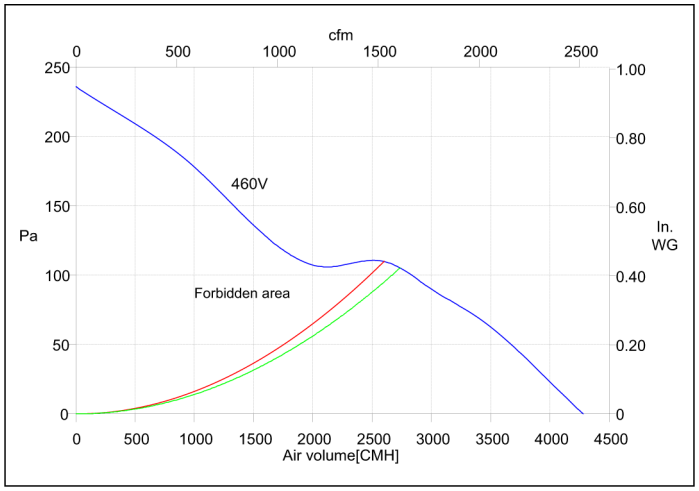


Figure 5: 208/280-3-60 power exhaust fan curve

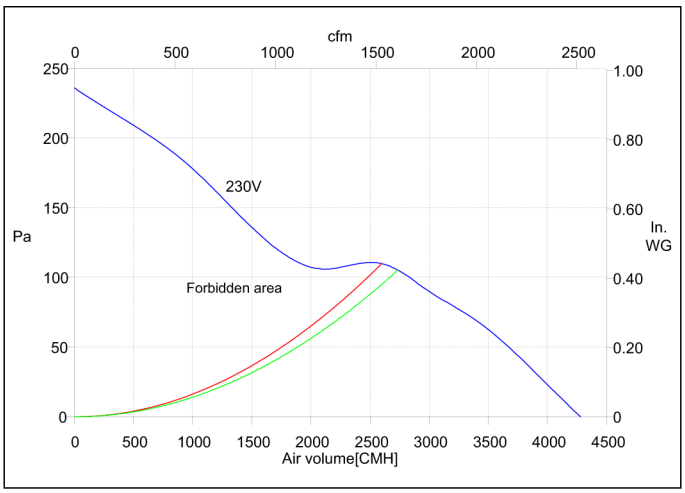
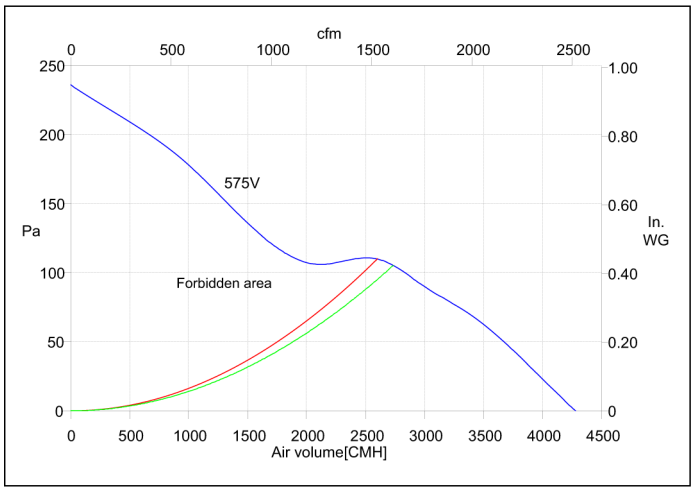


Figure 6: 575-3-50 power exhaust fan curve



Electrical data

Electrical data notes

The following note applies to all electrical data tables.

1. MCA = minimum circuit ampacity
2. Fuse is a dual element, time delay type
3. Breaker is a HACR type per NEC
4. Non-fused disconnect. Verify on the unit nameplate that the disconnect is correctly sized for the application. Units with field-installed electric heat kits may exceed the factory-installed disconnect amperage rating.

KQ04 to 06 standard indoor blower - without powered convenience outlet

Table 142: KQ04 to 06 standard indoor blower - without powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1](A)	Min fuse[2]/ breaker[3]size (A)	Max fuse[2]/ breaker [3]size (A)	Min disconnect[4] rating		MCA[1]w/pwr exh (amps)	Min fuse[2]/ breaker [3]size w/ pwr exh (A)	Max fuse[2]/ breaker[3]size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-1-60	16.7	93.5	26				1.3	6.6	1.5		None	-	-	-	28.8	30	45	28	98	30.3	35	45	30	102
												10625	4.9	1	23.6	37.8	40	45	35	98	39.6	40	45	36	102
												11125	7.9	1	38	55.8	60	60	51	98	57.6	60	60	53	102
	230-1-60	16.7	93.5	26				1.4	6	1.3		None	-	-	-	28.3	30	40	28	99	29.6	30	45	29	102
												10625	6.5	1	27.1	41.4	45	45	38	99	43	45	45	40	102
												11125	10.5	1	43.8	62.3	70	70	57	99	63.9	70	70	59	102
	208-3-60	12.2	97.5	19				1.3	6.6	1.1		None	-	-	-	23.2	25	35	23	102	24.3	25	35	24	105
												10625	4.9	1	13.6	25.3	30	35	23	102	26.6	30	35	24	105
												11125	7.9	1	21.9	35.6	40	40	33	102	37	40	40	34	105
												11625	12	1	33.3	49.9	50	50	46	102	51.3	60	60	47	105
	230-3-60	12.2	97.5	19				1.4	6	1		None	-	-	-	22.7	25	30	23	103	23.7	25	35	24	105
												10625	6.5	1	15.6	27	30	30	25	103	28.3	30	35	26	105
												11125	10.5	1	25.3	39.1	40	40	36	103	40.4	45	45	37	105
												11625	16	1	38.5	55.6	60	60	51	103	56.9	60	60	52	105
	460-3-60	5.8	44.3	9				0.8	3.2	0.5		None	-	-	-	11.3	15	15	11	48	11.8	15	15	12	49
												10646	6	1	7.2	13	15	15	12	48	13.6	15	15	13	49
												11146	11.5	1	13.8	21.3	25	25	20	48	21.9	25	25	20	49
												11446	14	1	16.8	25	25	25	23	48	25.6	30	30	24	49
	575-3-60	4.5	27.1	7				0.6	6	0.4		None	-	-	-	8.6	15	15	9	29	9	15	15	9	30
												11058	9.2	1	8.9	14.1	15	15	13	29	14.6	15	15	13	30
												11458	13.8	1	13.3	19.6	20	20	18	29	20.1	25	25	19	30
05 (4)	208-1-60	19.4	102	30				1.3	8.4	1.5		None	-	-	-	34	35	50	33	107	35.5	40	50	35	110
												10625	4.9	1	23.6	40	40	50	37	107	41.9	45	50	39	110
												11125	7.9	1	38	58	60	60	53	107	59.9	60	60	55	110
	230-1-60	19.4	102	30				1.4	7.6	1.3		None	-	-	-	33.3	35	50	33	107	34.6	35	50	34	110
												10625	6.5	1	27.1	43.4	45	50	40	107	45	45	50	41	110
												11125	10.5	1	43.8	64.3	70	70	59	107	65.9	70	70	61	110
	208-3-60	12	123	19				1.3	8.4	1.1		None	-	-	-	24.7	25	35	25	128	25.8	30	35	26	130
												10625	4.9	1	13.6	27.5	30	35	25	128	28.9	30	35	27	130
												11125	7.9	1	21.9	37.9	40	40	35	128	39.3	40	40	36	130
												11625	12	1	33.3	52.1	60	60	48	128	53.5	60	60	49	130
	230-3-60	12	123	19				1.4	7.6	1		None	-	-	-	24	25	35	24	128	25	25	35	25	131
												10625	6.5	1	15.6	29	30	35	27	128	30.3	35	35	28	131
												11125	10.5	1	25.3	41.1	45	45	38	128	42.4	45	45	39	131
												11625	16	1	38.5	57.6	60	60	53	128	58.9	60	60	54	131
	460-3-60	6.3	60	10				0.8	4	0.5		None	-	-	-	12.7	15	15	13	64	13.2	15	15	13	65
												10646	6	1	7.2	14	15	15	13	64	14.6	15	15	13	65
												11146	11.5	1	13.8	22.3	25	25	20	64	22.9	25	25	21	65
												11446	14	1	16.8	26	30	30	24	64	26.6	30	30	24	65
	575-3-60	4.4	41	7				0.6	7.6	0.4		None	-	-	-	9.1	15	15	9	43	9.5	15	15	10	44
												11058	9.2	1	8.9	14.9	15	15	14	43	15.4	20	20	14	44
												11458	13.8	1	13.3	20.4	25	25	19	43	20.9	25	25	19	44

Table 142: KQ04 to 06 standard indoor blower - without powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2] / breaker[2] size (A)	Max fuse[2] / breaker[2] size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[2] / breaker[2] size w/ pwr exh (A)	Max fuse[2] / breaker[2] size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
06 (5)	208-1-60	22.5	148	35				2	8.4	1.5		None	-	-	-	38.5	40	60	38	154	40	40	60	40	158
												10625	4.9	1	23.6	40	40	60	38	154	41.9	45	60	40	158
												11125	7.9	1	38	58	60	60	53	154	59.9	60	60	55	158
	230-1-60	22.5	148	35				2.3	7.6	1.3		None	-	-	-	38	40	60	37	155	39.3	40	60	39	158
												10625	6.5	1	27.1	43.4	45	60	40	155	45	45	60	41	158
												11125	10.5	1	43.8	64.3	70	70	59	155	65.9	70	70	61	158
	208-3-60	13.1	93	20				2	8.4	1.1		None	-	-	-	26.8	30	35	27	99	27.9	30	40	28	102
												10625	4.9	1	13.6	27.5	30	35	27	99	28.9	30	40	28	102
												11125	7.9	1	21.9	37.9	40	40	35	99	39.3	40	40	36	102
												11625	12	1	33.3	52.1	60	60	48	99	53.5	60	60	49	102
	230-3-60	13.1	93	20				2.3	7.6	1		None	-	-	-	26.3	30	35	26	100	27.3	30	40	28	102
												10625	6.5	1	15.6	29	30	35	27	100	30.3	35	40	28	102
												11125	10.5	1	25.3	41.1	45	45	38	100	42.4	45	45	39	102
												11625	16	1	38.5	57.6	60	60	53	100	58.9	60	60	54	102
	460-3-60	6.6	60	10				1.3	4	0.5		None	-	-	-	13.6	15	20	14	65	14.1	15	20	14	66
												10646	6	1	7.2	14	15	20	13	65	14.6	15	20	13	66
												11146	11.5	1	13.8	22.3	25	25	20	65	22.9	25	25	21	66
												11446	14	1	16.8	26	30	30	24	65	26.6	30	30	24	66
	575-3-60	4.8	41	8				1	7.6	0.4		None	-	-	-	10	15	15	10	44	10.4	15	15	11	45
												11458	13.8	1	13.3	20.4	25	25	19	44	20.9	25	25	19	45
												12358	23	1	22.1	31.4	35	35	29	44	31.9	35	35	29	45

KQ04 to 06 standard indoor blower - with powered convenience outlet

Table 143: KQ04 to 06 standard indoor blower - with powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1](A)	Min fuse [2]/ breaker[3]size (A)	Max fuse/ breaker size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (A)	Min fuse[2]/ breaker[3] size w/ pwr exh (A)	Max fuse[2]/ breaker[3] size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-1-60	16.7	93.5	26				1.3	6.6	1.5	8.6	None	-	-	-	33.1	35	45	33	103	34.6	35	50	35	106
												10625	4.9	1	23.6	43.1	45	45	40	103	45	45	50	41	106
												11125	7.9	1	38	61.1	70	70	56	103	63	70	70	58	106
	230-1-60	16.7	93.5	26				1.4	6	1.3	8.6	None	-	-	-	32.6	35	45	33	103	33.9	35	50	34	106
												10625	6.5	1	27.1	46.8	50	50	43	103	48.4	50	50	45	106
												11125	10.5	1	43.8	67.6	70	70	62	103	69.3	70	70	64	106
	208-3-60	12.2	97.5	19				1.3	6.6	1.1	8.6	None	-	-	-	27.5	30	35	28	107	28.6	30	40	29	109
												10625	4.9	1	13.6	30.6	35	35	28	107	32	35	40	29	109
												11125	7.9	1	21.9	41	45	45	38	107	42.4	45	45	39	109
												11625	12	1	33.3	55.3	60	60	51	107	56.6	60	60	52	109
	230-3-60	12.2	97.5	19				1.4	6	1	8.6	None	-	-	-	27	30	35	27	107	28	30	40	29	109
												10625	6.5	1	15.6	32.4	35	35	30	107	33.6	35	40	31	109
												11125	10.5	1	25.3	44.5	45	45	41	107	45.8	50	50	42	109
												11625	16	1	38.5	61	70	70	56	107	62.3	70	70	57	109
	460-3-60	5.8	44.3	9				0.8	3.2	0.5	8.6	None	-	-	-	13.5	15	15	14	50	14	15	15	14	51
												10646	6	1	7.2	15.7	20	20	14	50	16.3	20	20	15	51
												11146	11.5	1	13.8	23.9	25	25	22	50	24.6	25	25	23	51
												11446	14	1	16.8	27.7	30	30	25	50	28.3	30	30	26	51
	575-3-60	4.5	27.1	7				0.6	6	0.4	8.6	None	-	-	-	10.3	15	15	11	31	10.7	15	15	11	32
												11058	9.2	1	8.9	16.3	20	20	15	31	16.8	20	20	15	32
												11458	13.8	1	13.3	21.8	25	25	20	31	22.3	25	25	20	32
05 (4)	208-1-60	19.4	102	30				1.3	8.4	1.5	8.6	None	-	-	-	38.3	40	50	38	111	39.8	40	50	40	115
												10625	4.9	1	23.6	45.4	50	50	42	111	47.3	50	50	43	115
												11125	7.9	1	38	63.4	70	70	58	111	65.3	70	70	60	115
	230-1-60	19.4	102	30				1.4	7.6	1.3	8.6	None	-	-	-	37.6	40	50	38	112	38.9	40	50	39	114
												10625	6.5	1	27.1	48.8	50	50	45	112	50.4	60	60	46	114
												11125	10.5	1	43.8	69.6	70	70	64	112	71.3	80	80	66	114
	208-3-60	12	123	19				1.3	8.4	1.1	8.6	None	-	-	-	29	30	40	30	132	30.1	35	40	31	135
												10625	4.9	1	13.6	32.9	35	40	30	132	34.3	35	40	32	135
												11125	7.9	1	21.9	43.3	45	45	40	132	44.6	45	45	41	135
												11625	12	1	33.3	57.5	60	60	53	132	58.9	60	60	54	135
	230-3-60	12	123	19				1.4	7.6	1	8.6	None	-	-	-	28.3	30	40	29	133	29.3	30	40	30	135
												10625	6.5	1	15.6	34.4	35	40	32	133	35.6	40	40	33	135
												11125	10.5	1	25.3	46.5	50	50	43	133	47.8	50	50	44	135
												11625	16	1	38.5	63	70	70	58	133	64.3	70	70	59	135
	460-3-60	6.3	60	10				0.8	4	0.5	8.6	None	-	-	-	14.9	15	20	15	66	15.4	20	20	16	67
												10646	6	1	7.2	16.7	20	20	15	66	17.3	20	20	16	67
												11146	11.5	1	13.8	24.9	25	25	23	66	25.6	30	30	24	67
												11446	14	1	16.8	28.7	30	30	26	66	29.3	30	30	27	67
	575-3-60	4.4	41	7				0.6	7.6	0.4	8.6	None	-	-	-	10.9	15	15	11	45	11.3	15	15	12	46
												11058	9.2	1	8.9	17.1	20	20	16	45	17.6	20	20	16	46
												11458	13.8	1	13.3	22.6	25	25	21	45	23.1	25	25	21	46

Table 143: KQ04 to 06 standard indoor blower - with powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2] / breaker[2] size (A)	Max fuse/ breaker size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (A)	Min fuse[2] / breaker[3] size w/ pwr exh (A)	Max fuse[2] / breaker[2] size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
06 (5)	208-1-60	22.5	148	35				2	8.4	1.5	8.6	None	-	-	-	42.8	45	60	43	159	44.3	45	60	45	162
												10625	4.9	1	23.6	45.4	50	60	43	159	47.3	50	60	45	162
												11125	7.9	1	38	63.4	70	70	58	159	65.3	70	70	60	162
	230-1-60	22.5	148	35				2.3	7.6	1.3	8.6	None	-	-	-	42.3	45	60	42	159	43.6	45	60	44	162
												10625	6.5	1	27.1	48.8	50	60	45	159	50.4	60	60	46	162
												11125	10.5	1	43.8	69.6	70	70	64	159	71.3	80	80	66	162
	208-3-60	13.1	93	20				2	8.4	1.1	8.6	None	-	-	-	31.1	35	40	32	104	32.2	35	45	33	106
												10625	4.9	1	13.6	32.9	35	40	32	104	34.3	35	45	33	106
												11125	7.9	1	21.9	43.3	45	45	40	104	44.6	45	45	41	106
												11625	12	1	33.3	57.5	60	60	53	104	58.9	60	60	54	106
	230-3-60	13.1	93	20				2.3	7.6	1	8.6	None	-	-	-	30.6	35	40	31	104	31.6	35	40	33	107
												10625	6.5	1	15.6	34.4	35	40	32	104	35.6	40	40	33	107
												11125	10.5	1	25.3	46.5	50	50	43	104	47.8	50	50	44	107
												11625	16	1	38.5	63	70	70	58	104	64.3	70	70	59	107
	460-3-60	6.6	60	10				1.3	4	0.5	8.6	None	-	-	-	15.8	20	20	16	67	16.3	20	20	17	68
												10646	6	1	7.2	16.7	20	20	15	67	17.3	20	20	16	68
												11146	11.5	1	13.8	24.9	25	25	23	67	25.6	30	30	24	68
												11446	14	1	16.8	28.7	30	30	26	67	29.3	30	30	27	68
	575-3-60	4.8	41	8				1	7.6	0.4	8.6	None	-	-	-	11.8	15	15	12	46	12.2	15	15	13	47
												11458	13.8	1	13.3	22.6	25	25	21	46	23.1	25	25	21	47
												12358	23	1	22.1	33.6	35	35	31	46	34.1	35	35	31	47

KQ04 to 06 medium indoor blower - without powered convenience outlet

Table 144: KQ04 to 06 medium indoor blower - without powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2]/ breaker[3]size (A)	Max fuse[2]/ breaker[3] size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (A)	Min fuse[2]/ breaker[3]size w/ pwr exh (amps)	Max fuse[2]/ breaker[3]size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-1-60	16.7	93.5	26				1.3	7.6	1.5		None	-	-	-	29.8	30	45	29	129	31.3	35	45	31	133
												10625	4.9	1	23.6	39	40	45	36	129	40.9	45	45	38	133
												11125	7.9	1	38	57	60	60	52	129	58.9	60	60	54	133
	230-1-60	16.7	93.5	26				1.4	7	1.3		None	-	-	-	29.3	30	45	29	132	30.6	35	45	30	135
												10625	6.5	1	27.1	42.6	45	45	39	132	44.3	45	45	41	135
												11125	10.5	1	43.8	63.5	70	70	58	132	65.1	70	70	60	135
	208-3-60	12.2	97.5	19				1.3	5.2	1.1		None	-	-	-	21.8	25	30	22	123	22.9	25	35	23	125
												10625	4.9	1	13.6	23.5	25	30	22	123	24.9	25	35	23	125
												11125	7.9	1	21.9	33.9	35	35	31	123	35.3	40	40	32	125
												11625	12	1	33.3	48.1	50	50	44	123	49.5	50	50	46	125
	230-3-60	12.2	97.5	19				1.4	5.2	1		None	-	-	-	21.9	25	30	22	126	22.9	25	35	23	128
												10625	6.5	1	15.6	26	30	30	24	126	27.3	30	35	25	128
												11125	10.5	1	25.3	38.1	40	40	35	126	39.4	40	40	36	128
												11625	16	1	38.5	54.6	60	60	50	126	55.9	60	60	51	128
	460-3-60	5.8	44.3	9				0.8	2.6	0.5		None	-	-	-	10.7	15	15	11	59	11.2	15	15	11	60
												10646	6	1	7.2	12.3	15	15	11	59	12.9	15	15	12	60
												11146	11.5	1	13.8	20.5	25	25	19	59	21.1	25	25	19	60
												11446	14	1	16.8	24.3	25	25	22	59	24.9	25	25	23	60
	575-3-60	4.5	27.1	7				0.6	2	0.4		None	-	-	-	8.2	15	15	8	39	8.6	15	15	9	39
												11058	9.2	1	8.9	13.6	15	15	13	39	14.1	15	15	13	39
												11458	13.8	1	13.3	19.1	20	20	18	39	19.6	20	20	18	39
05 (4)	208-1-60	19.4	102	30				1.3	7.6	1.5		None	-	-	-	33.2	35	50	33	138	34.7	35	50	34	141
												10625	4.9	1	23.6	39	40	50	36	138	40.9	45	50	38	141
												11125	7.9	1	38	57	60	60	52	138	58.9	60	60	54	141
	230-1-60	19.4	102	30				1.4	7	1.3		None	-	-	-	32.7	35	50	32	141	34	35	50	33	144
												10625	6.5	1	27.1	42.6	45	50	39	141	44.3	45	50	41	144
												11125	10.5	1	43.8	63.5	70	70	58	141	65.1	70	70	60	144
	208-3-60	12	123	19				1.3	5.2	1.1		None	-	-	-	21.5	25	30	21	148	22.6	25	30	23	151
												10625	4.9	1	13.6	23.5	25	30	22	148	24.9	25	30	23	151
												11125	7.9	1	21.9	33.9	35	35	31	148	35.3	40	40	32	151
												11625	12	1	33.3	48.1	50	50	44	148	49.5	50	50	46	151
	230-3-60	12	123	19				1.4	5.2	1		None	-	-	-	21.6	25	30	21	151	22.6	25	30	23	154
												10625	6.5	1	15.6	26	30	30	24	151	27.3	30	30	25	154
												11125	10.5	1	25.3	38.1	40	40	35	151	39.4	40	40	36	154
												11625	16	1	38.5	54.6	60	60	50	151	55.9	60	60	51	154
	460-3-60	6.3	60	10				0.8	2.6	0.5		None	-	-	-	11.3	15	15	11	74	11.8	15	15	12	75
												10646	6	1	7.2	12.3	15	15	11	74	12.9	15	15	12	75
												11146	11.5	1	13.8	20.5	25	25	19	74	21.1	25	25	19	75
												11446	14	1	16.8	24.3	25	25	22	74	24.9	25	25	23	75
	575-3-60	4.4	41	7				0.6	2	0.4		None	-	-	-	8.1	15	15	8	52	8.5	15	15	9	53
												11058	9.2	1	8.9	13.6	15	15	13	52	14.1	15	15	13	53
												11458	13.8	1	13.3	19.1	20	20	18	52	19.6	20	20	18	53

Table 144: KQ04 to 06 medium indoor blower - without powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2]/ breaker[2]size (A)	Max fuse[2]/ breaker[2] size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (A)	Min fuse[2]/ breaker[2]size w/ pwr exh (amps)	Max fuse[2]/ breaker[2]size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
06 (5)	208-1-60	22.5	148	35				2	7.6	1.5		None	-	-	-	37.7	40	60	37	185	39.2	40	60	39	189
												10625	4.9	1	23.6	39	40	60	37	185	40.9	45	60	39	189
												11125	7.9	1	38	57	60	60	52	185	58.9	60	60	54	189
	230-1-60	22.5	148	35				2.3	7	1.3		None	-	-	-	37.4	40	50	37	188	38.7	40	60	38	191
												10625	6.5	1	27.1	42.6	45	50	39	188	44.3	45	60	41	191
												11125	10.5	1	43.8	63.5	70	70	58	188	65.1	70	70	60	191
	208-3-60	13.1	93	20				2	5.2	1.1		None	-	-	-	23.6	25	35	23	120	24.7	25	35	25	122
												10625	4.9	1	13.6	23.6	25	35	23	120	24.9	25	35	25	122
												11125	7.9	1	21.9	33.9	35	35	31	120	35.3	40	40	32	122
												11625	12	1	33.3	48.1	50	50	44	120	49.5	50	50	46	122
	230-3-60	13.1	93	20				2.3	5.2	1		None	-	-	-	23.9	25	35	24	123	24.9	25	35	25	125
												10625	6.5	1	15.6	26	30	35	24	123	27.3	30	35	25	125
												11125	10.5	1	25.3	38.1	40	40	35	123	39.4	40	40	36	125
												11625	16	1	38.5	54.6	60	60	50	123	55.9	60	60	51	125
	460-3-60	6.6	60	10				1.3	2.6	0.5		None	-	-	-	12.2	15	15	12	75	12.7	15	15	13	77
												10646	6	1	7.2	12.3	15	15	11	75	12.9	15	15	12	77
												11146	11.5	1	13.8	20.5	25	25	19	75	21.1	25	25	19	77
												11446	14	1	16.8	24.3	25	25	22	75	24.9	25	25	23	77
	575-3-60	4.8	41	8				1	2	0.4		None	-	-	-	9	15	15	9	53	9.4	15	15	9	54
												11458	13.8	1	13.3	19.1	20	20	18	53	19.6	20	20	18	54
												12358	23	1	22.1	30.1	35	35	28	53	30.6	35	35	28	54

KQ04 to 06 medium indoor blower - with powered convenience outlet

Table 145: KQ04 to 06 medium indoor blower - with powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2] / breaker[3] size (A)	Max fuse[2] / breaker[3] size (A)	Min disconnect[4] rating		MCA[4] w/pwr exh (amps)	Min fuse[2] / breaker[3] size w/ pwr exh (amps)	Max fuse[2] / breaker[3] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-1-60	16.7	93.5	26				1.3	7.6	1.5	8.6	None	-	-	-	34.1	35	50	34	134	35.6	40	50	36	137
												10625	4.9	1	23.6	44.4	45	50	41	134	46.3	50	50	43	137
												11125	7.9	1	38	62.4	70	70	57	134	64.3	70	70	59	137
	230-1-60	16.7	93.5	26				1.4	7	1.3	8.6	None	-	-	-	33.6	35	50	34	137	34.9	35	50	35	139
												10625	6.5	1	27.1	48	50	50	44	137	49.6	50	50	46	139
												11125	10.5	1	43.8	68.9	70	70	63	137	70.5	80	80	65	139
	208-3-60	12.2	97.5	19				1.3	5.2	1.1	8.6	None	-	-	-	26.1	30	35	26	127	27.2	30	35	28	130
												10625	4.9	1	13.6	28.9	30	35	27	127	30.3	35	35	28	130
												11125	7.9	1	21.9	39.3	40	40	36	127	40.6	45	45	37	130
												11625	12	1	33.3	53.5	60	60	49	127	54.9	60	60	50	130
	230-3-60	12.2	97.5	19				1.4	5.2	1	8.6	None	-	-	-	26.2	30	35	27	130	27.2	30	35	28	132
												10625	6.5	1	15.6	31.4	35	35	29	130	32.6	35	35	30	132
												11125	10.5	1	25.3	43.5	45	45	40	130	44.8	45	45	41	132
												11625	16	1	38.5	60	60	60	55	130	61.3	70	70	56	132
	460-3-60	5.8	44.3	9				0.8	2.6	0.5	8.6	None	-	-	-	12.9	15	15	13	61	13.4	15	15	14	62
												10646	6	1	7.2	14.9	15	15	14	61	15.6	20	20	14	62
												11146	11.5	1	13.8	23.2	25	25	21	61	23.8	25	25	22	62
												11446	14	1	16.8	26.9	30	30	25	61	27.6	30	30	25	62
	575-3-60	4.5	27.1	7				0.6	2	0.4	8.6	None	-	-	-	9.9	15	15	10	40	10.3	15	15	11	41
												11058	9.2	1	8.9	15.8	20	20	15	40	16.3	20	20	15	41
												11458	13.8	1	13.3	21.3	25	25	20	40	21.8	25	25	20	41
05 (4)	208-1-60	19.4	102	30				1.3	7.6	1.5	8.6	None	-	-	-	37.5	40	50	37	142	39	40	50	39	146
												10625	4.9	1	23.6	44.4	45	50	41	142	46.3	50	50	43	146
												11125	7.9	1	38	62.4	70	70	57	142	64.3	70	70	59	146
	230-1-60	19.4	102	30				1.4	7	1.3	8.6	None	-	-	-	37	40	50	37	145	38.3	40	50	38	148
												10625	6.5	1	27.1	48	50	50	44	145	49.6	50	50	46	148
												11125	10.5	1	43.8	68.9	70	70	63	145	70.5	80	80	65	148
	208-3-60	12	123	19				1.3	5.2	1.1	8.6	None	-	-	-	25.8	30	35	26	153	26.9	30	35	27	155
												10625	4.9	1	13.6	28.9	30	35	27	153	30.3	35	35	28	155
												11125	7.9	1	21.9	39.3	40	40	36	153	40.6	45	45	37	155
												11625	12	1	33.3	53.5	60	60	49	153	54.9	60	60	50	155
	230-3-60	12	123	19				1.4	5.2	1	8.6	None	-	-	-	25.9	30	35	26	156	26.9	30	35	27	158
												10625	6.5	1	15.6	31.4	35	35	29	156	32.6	35	35	30	158
												11125	10.5	1	25.3	43.5	45	45	40	156	44.8	45	45	41	158
												11625	16	1	38.5	60	60	60	55	156	61.3	70	70	56	158
	460-3-60	6.3	60	10				0.8	2.6	0.5	8.6	None	-	-	-	13.5	15	15	14	76	14	15	15	14	78
												10646	6	1	7.2	14.9	15	15	14	76	15.6	20	20	14	78
												11146	11.5	1	13.8	23.2	25	25	21	76	23.8	25	25	22	78
												11446	14	1	16.8	26.9	30	30	25	76	27.6	30	30	25	78
	575-3-60	4.4	41	7				0.6	2	0.4	8.6	None	-	-	-	9.8	15	15	10	54	10.2	15	15	10	55
												11058	9.2	1	8.9	15.8	20	20	15	54	16.3	20	20	15	55
												11458	13.8	1	13.3	21.3	25	25	20	54	21.8	25	25	20	55

Table 145: KQ04 to 06 medium indoor blower - with powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2]/ breaker[2] size (A)	Max fuse[2]/ breaker[2] size (A)	Min disconnect[4] rating		MCA[4] w/ pwr exh (amps)	Min fuse[2]/ breaker[3] size w/ pwr exh (amps)	Max fuse[2]/ breaker[3] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
06 (5)	208-1-60	22.5	148	35				2	7.6	1.5	8.6	None	-	-	-	42	45	60	42	190	43.5	45	60	44	193
												10625	4.9	1	23.6	44.4	45	60	42	190	46.3	50	60	44	193
												11125	7.9	1	38	62.4	70	70	57	190	64.3	70	70	59	193
	230-1-60	22.5	148	35				2.3	7	1.3	8.6	None	-	-	-	41.7	45	60	42	193	43	45	60	43	196
												10625	6.5	1	27.1	48	50	60	44	193	49.6	50	60	46	196
												11125	10.5	1	43.8	68.9	70	70	63	193	70.5	80	80	65	196
	208-3-60	13.1	93	20				2	5.2	1.1	8.6	None	-	-	-	27.9	30	40	28	124	29	30	40	30	127
												10625	4.9	1	13.6	28.9	30	40	28	124	30.3	35	40	30	127
												11125	7.9	1	21.9	39.3	40	40	36	124	40.6	45	45	37	127
												11625	12	1	33.3	53.5	60	60	49	124	54.9	60	60	50	127
	230-3-60	13.1	93	20				2.3	5.2	1	8.6	None	-	-	-	28.2	30	40	29	127	29.2	30	40	30	130
												10625	6.5	1	15.6	31.4	35	40	29	127	32.6	35	40	30	130
												11125	10.5	1	25.3	43.5	45	45	40	127	44.8	45	45	41	130
												11625	16	1	38.5	60	60	60	55	127	61.3	70	70	56	130
	460-3-60	6.6	60	10				1.3	2.6	0.5	8.6	None	-	-	-	14.4	15	20	15	78	14.9	15	20	15	79
												10646	6	1	7.2	14.9	15	20	14	78	15.6	20	20	14	79
												11146	11.5	1	13.8	23.2	25	25	21	78	23.8	25	25	22	79
												11446	14	1	16.8	26.9	30	30	25	78	27.6	30	30	25	79
	575-3-60	4.8	41	8				1	2	0.4	8.6	None	-	-	-	10.7	15	15	11	55	11.1	15	15	11	56
												11458	13.8	1	13.3	21.3	25	25	20	55	21.8	25	25	20	56
												12358	23	1	22.1	32.3	35	35	30	55	32.8	35	35	30	56

KQ04 to 06 high indoor blower - without powered convenience outlet

Table 146: KQ04 to 06 high indoor blower - without powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2] / breaker[3] size (A)	Max fuse[2] / breaker[3] size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (A)	Min fuse[2] / breaker [3] size w/ pwr exh (A)	Max fuse[2] / breaker[3] size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-3-60	12.2	97.5	19				1.3	5.2	1.1		None	-	-	-	21.8	25	30	22	123	22.9	25	35	23	125
												10625	4.9	1	13.6	23.5	25	30	22	123	24.9	25	35	23	125
												11125	7.9	1	21.9	33.9	35	35	31	123	35.3	40	40	32	125
												11625	12	1	33.3	48.1	50	50	44	123	49.5	50	50	46	125
	230-3-60	12.2	97.5	19				1.4	5.2	1		None	-	-	-	21.9	25	30	22	126	22.9	25	35	23	128
												10625	6.5	1	15.6	26	30	30	24	126	27.3	30	35	25	128
												11125	10.5	1	25.3	38.1	40	40	35	126	39.4	40	40	36	128
												11625	16	1	38.5	54.6	60	60	50	126	55.9	60	60	51	128
	460-3-60	5.8	44.3	9				0.8	2.6	0.5		None	-	-	-	10.7	15	15	11	59	11.2	15	15	11	60
												10646	6	1	7.2	12.3	15	15	11	59	12.9	15	15	12	60
												11146	11.5	1	13.8	20.5	25	25	19	59	21.1	25	25	19	60
												11446	14	1	16.8	24.3	25	25	22	59	24.9	25	25	23	60
	575-3-60	4.5	27.1	7				0.6	2	0.4		None	-	-	-	8.2	15	15	8	39	8.6	15	15	9	39
												11058	9.2	1	8.9	13.6	15	15	13	39	14.1	15	15	13	39
												11458	13.8	1	13.3	19.1	20	20	18	39	19.6	20	20	18	39
05 (4)	208-3-60	12	123	19				1.3	5.2	1.1		None	-	-	-	21.5	25	30	21	148	22.6	25	30	23	151
												10625	4.9	1	13.6	23.5	25	30	22	148	24.9	25	30	23	151
												11125	7.9	1	21.9	33.9	35	35	31	148	35.3	40	40	32	151
												11625	12	1	33.3	48.1	50	50	44	148	49.5	50	50	46	151
	230-3-60	12	123	19				1.4	5.2	1		None	-	-	-	21.6	25	30	21	151	22.6	25	30	23	154
												10625	6.5	1	15.6	26	30	30	24	151	27.3	30	30	25	154
												11125	10.5	1	25.3	38.1	40	40	35	151	39.4	40	40	36	154
												11625	16	1	38.5	54.6	60	60	50	151	55.9	60	60	51	154
	460-3-60	6.3	60	10				0.8	2.6	0.5		None	-	-	-	11.3	15	15	11	74	11.8	15	15	12	75
												10646	6	1	7.2	12.3	15	15	11	74	12.9	15	15	12	75
												11146	11.5	1	13.8	20.5	25	25	19	74	21.1	25	25	19	75
												11446	14	1	16.8	24.3	25	25	22	74	24.9	25	25	23	75
	575-3-60	4.4	41	7				0.6	2	0.4		None	-	-	-	8.1	15	15	8	52	8.5	15	15	9	53
												11058	9.2	1	8.9	13.6	15	15	13	52	14.1	15	15	13	53
												11458	13.8	1	13.3	19.1	20	20	18	52	19.6	20	20	18	53
06 (5)	208-3-60	13.1	93	20				2	7.5	1.1		None	-	-	-	25.9	30	35	26	146	27	30	40	27	149
												10625	4.9	1	13.6	26.4	30	35	26	146	27.8	30	40	27	149
												11125	7.9	1	21.9	36.8	40	40	34	146	38.1	40	40	35	149
												11625	12	1	33.3	51	60	60	47	146	52.4	60	60	48	149
	230-3-60	13.1	93	20				2.3	7.5	1		None	-	-	-	26.2	30	35	26	153	27.2	30	40	27	155
												10625	6.5	1	15.6	28.9	30	35	27	153	30.1	35	40	28	155
												11125	10.5	1	25.3	41	45	45	38	153	42.3	45	45	39	155
												11625	16	1	38.5	57.5	60	60	53	153	58.8	60	60	54	155
	460-3-60	6.6	60	10				1.3	3.4	0.5		None	-	-	-	13	15	15	13	90	13.5	15	15	14	92
												10646	6	1	7.2	13.3	15	15	12	90	13.9	15	15	13	92
												11146	11.5	1	13.8	21.5	25	25	20	90	22.1	25	25	20	92
												11446	14	1	16.8	25.3	30	30	23	90	25.9	30	30	24	92
	575-3-60	4.8	41	8				1	2.8	0.4		None	-	-	-	9.8	15	15	10	65	10.2	15	15	10	66
												11458	13.8	1	13.3	20.1	25	25	19	65	20.6	25	25	19	66
												12358	23	1	22.1	31.1	35	35	29	65	31.6	35	35	29	66

KQ04 to 06 high indoor blower - with powered convenience outlet

Table 147: KQ04 to 06 high indoor blower - with powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1](A)	Min fuse[2]/ breaker[2]size (A)	Max fuse[2]/ breaker[2]size (A)	Min disconnect[4] rating		MCA[1]w/pwr exh (A)	Min fuse[2]/ breaker[2]size w/ pwr exh (A)	Max fuse[2]/ breaker[2]size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-3-60	12.2	97.5	19				1.3	5.2	1.1	8.6	None	-	-	-	26.1	30	35	26	127	27.2	30	35	28	130
												10625	4.9	1	13.6	28.9	30	35	27	127	30.3	35	35	28	130
												11125	7.9	1	21.9	39.3	40	40	36	127	40.6	45	45	37	130
												11625	12	1	33.3	53.5	60	60	49	127	54.9	60	60	50	130
	230-3-60	12.2	97.5	19				1.4	5.2	1	8.6	None	-	-	-	26.2	30	35	27	130	27.2	30	35	28	132
												10625	6.5	1	15.6	31.4	35	35	29	130	32.6	35	35	30	132
												11125	10.5	1	25.3	43.5	45	45	40	130	44.8	45	45	41	132
												11625	16	1	38.5	60	60	60	55	130	61.3	70	70	56	132
	460-3-60	5.8	44.3	9				0.8	2.6	0.5	8.6	None	-	-	-	12.9	15	15	13	61	13.4	15	15	14	62
												10646	6	1	7.2	14.9	15	15	14	61	15.6	20	20	14	62
												11146	11.5	1	13.8	23.2	25	25	21	61	23.8	25	25	22	62
												11446	14	1	16.8	26.9	30	30	25	61	27.6	30	30	25	62
	575-3-60	4.5	27.1	7				0.6	2	0.4	8.6	None	-	-	-	9.9	15	15	10	40	10.3	15	15	11	41
												11058	9.2	1	8.9	15.8	20	20	15	40	16.3	20	20	15	41
												11458	13.8	1	13.3	21.3	25	25	20	40	21.8	25	25	20	41
05 (4)	208-3-60	12	123	19				1.3	5.2	1.1	8.6	None	-	-	-	25.8	30	35	26	153	26.9	30	35	27	155
												10625	4.9	1	13.6	28.9	30	35	27	153	30.3	35	35	28	155
												11125	7.9	1	21.9	39.3	40	40	36	153	40.6	45	45	37	155
												11625	12	1	33.3	53.5	60	60	49	153	54.9	60	60	50	155
	230-3-60	12	123	19				1.4	5.2	1	8.6	None	-	-	-	25.9	30	35	26	156	26.9	30	35	27	158
												10625	6.5	1	15.6	31.4	35	35	29	156	32.6	35	35	30	158
												11125	10.5	1	25.3	43.5	45	45	40	156	44.8	45	45	41	158
												11625	16	1	38.5	60	60	60	55	156	61.3	70	70	56	158
	460-3-60	6.3	60	10				0.8	2.6	0.5	8.6	None	-	-	-	13.5	15	15	14	76	14	15	15	14	78
												10646	6	1	7.2	14.9	15	15	14	76	15.6	20	20	14	78
												11146	11.5	1	13.8	23.2	25	25	21	76	23.8	25	25	22	78
												11446	14	1	16.8	26.9	30	30	25	76	27.6	30	30	25	78
	575-3-60	4.4	41	7				0.6	2	0.4	8.6	None	-	-	-	9.8	15	15	10	54	10.2	15	15	10	55
												11058	9.2	1	8.9	15.8	20	20	15	54	16.3	20	20	15	55
												11458	13.8	1	13.3	21.3	25	25	20	54	21.8	25	25	20	55
06 (5)	208-3-60	13.1	93	20				2	7.5	1.1	8.6	None	-	-	-	30.2	35	40	31	150	31.3	35	40	32	153
												10625	4.9	1	13.6	31.8	35	40	31	150	33.1	35	40	32	153
												11125	7.9	1	21.9	42.1	45	45	39	150	43.5	45	45	40	153
												11625	12	1	33.3	56.4	60	60	52	150	57.8	60	60	53	153
	230-3-60	13.1	93	20				2.3	7.5	1	8.6	None	-	-	-	30.5	35	40	31	157	31.5	35	40	32	160
												10625	6.5	1	15.6	34.3	35	40	32	157	35.5	40	40	33	160
												11125	10.5	1	25.3	46.4	50	50	43	157	47.6	50	50	44	160
												11625	16	1	38.5	62.9	70	70	58	157	64.1	70	70	59	160
	460-3-60	6.6	60	10				1.3	3.4	0.5	8.6	None	-	-	-	15.2	20	20	16	93	15.7	20	20	16	94
												10646	6	1	7.2	15.9	20	20	15	93	16.6	20	20	15	94
												11146	11.5	1	13.8	24.2	25	25	22	93	24.8	25	25	23	94
												11446	14	1	16.8	27.9	30	30	26	93	28.6	30	30	26	94
	575-3-60	4.8	41	8				1	2.8	0.4	8.6	None	-	-	-	11.5	15	15	12	67	11.9	15	15	12	68
												11458	13.8	1	13.3	22.3	25	25	20	67	22.8	25	25	21	68
												12358	23	1	22.1	33.3	35	35	31	67	33.8	35	35	31	68

KXA7 standard indoor blower - without powered convenience outlet

Table 148: KXA7 standard indoor blower - without powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2ek045*				MCA[1] (amps)	Min fuse[2]/breaker[3]size (A)	Max fuse[2]/ breaker[3]size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (A)	Min fuse[2]/breaker [3]size w/ pwr exh (A)	Max fuse[2]/breaker[3]size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
With VFD																									
A7 (6)	208-3-60	19.2	162.3	30				4.4	9	1.1		None	-	-	-	37.4	40	50	37	222	38.5	40	50	39	225
												10625	4.9	1	13.6	37.4	40	50	37	222	38.5	40	50	39	225
												11125	7.9	1	21.9	38.6	40	50	37	222	40	45	50	39	225
												11625	12	1	33.3	52.9	60	60	49	222	54.3	60	60	50	225
	230-3-60	19.2	162.3	30				4.4	9	1		None	-	-	-	37.4	40	50	37	224	38.4	40	50	39	226
												10625	6.5	1	15.6	37.4	40	50	37	224	38.4	40	50	39	226
												11125	10.5	1	25.3	42.9	45	50	39	224	44.1	45	50	41	226
												11625	16	1	38.5	59.4	60	60	55	224	60.6	70	70	56	226
	460-3-60	9.1	70.8	14				2.5	4.6	0.5		None	-	-	-	18.5	20	25	19	102	19	20	25	19	103
												10646	6	1	7.2	18.5	20	25	14	102	19	20	25	14	103
												11146	11.5	1	13.8	23	25	25	21	102	23.6	25	25	22	103
												11446	14	1	16.8	26.8	30	30	25	102	27.4	30	30	25	103
	575-3-60	6.2	58.2	10				4.4	3.5	0.4		None	-	-	-	15.7	20	20	16	76	16.1	20	20	17	77

KXA7 standard indoor blower - with powered convenience outlet

Table 149: KXA7 standard indoor blower - with powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1](A)	Min fuse[2] / breaker[3]size (A)	Max fuse[2] /breaker[4]size (A)	Min disconnect[4] rating		MCA[1]w/pwr exh (A)	Min fuse[2]/breaker [3]size w/ pwr exh (A)	Max fuse[2]/breaker[3]size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
With VFD																									
A7 (6)	208-3-60	19.2	162.3	30				4.4	9	1.1	8.6	None	-	-	-	41.7	45	60	42	227	42.8	45	60	44	229
												10625	4.9	1	13.6	41.7	45	60	42	227	42.8	45	60	44	229
												11125	7.9	1	21.9	44	45	60	42	227	45.4	50	60	44	229
												11625	12	1	33.3	58.3	60	60	54	227	59.6	60	60	55	229
	230-3-60	19.2	162.3	30				4.4	9	1	8.6	None	-	-	-	41.7	45	60	42	228	42.7	45	60	44	231
												10625	6.5	1	15.6	41.7	45	60	42	228	42.7	45	60	44	231
												11125	10.5	1	25.3	48.3	50	60	44	228	49.5	50	60	46	231
												11625	16	1	38.5	64.8	70	70	60	228	66	70	70	61	231
	460-3-60	9.1	70.8	14				2.5	4.6	0.5	8.6	None	-	-	-	20.7	25	25	21	104	21.2	25	25	22	105
												10646	6	1	7.2	20.7	25	25	16	104	21.2	25	25	17	105
												11146	11.5	1	13.8	25.7	30	30	24	104	26.3	30	30	24	105
												11446	14	1	16.8	29.4	30	30	27	104	30.1	35	35	28	105
	575-3-60	6.2	58.2	10				4.4	3.5	0.4	8.6	None	-	-	-	17.4	20	20	18	78	17.8	20	20	19	79

KXA7 medium indoor blower - without powered convenience outlet

Table 150: KXA7 medium indoor blower - without powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker[2] size (amps)	Max fuse[2]/breaker [2]size (amps)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[2]/breaker[2] size w/ pwr exh (amps)	Max fuse[2]/breaker[2] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
With VFD																									
A7 (6)	208-3-60	19.2	162.3	30				4.4	13.2	1.1		None	-	-	-	41.6	45	60	42	224	42.7	45	60	44	227
												10625	4.9	1	13.6	41.6	45	60	42	224	42.7	45	60	44	227
												11125	7.9	1	21.9	43.9	45	60	42	224	45.3	50	60	44	227
												11625	12	1	33.3	58.1	60	60	53	224	59.5	60	60	55	227
	230-3-60	19.2	162.3	30				4.4	13.2	1		None	-	-	-	41.6	45	60	42	231	42.6	45	60	43	234
												10625	6.5	1	15.6	41.6	45	60	42	231	42.6	45	60	43	234
												11125	10.5	1	25.3	48.1	50	60	44	231	49.4	50	60	45	234
												11625	16	1	38.5	64.6	70	70	59	231	65.9	70	70	61	234
	460-3-60	9.1	70.8	14				2.5	6.1	0.5		None	-	-	-	20	25	25	20	105	20.5	25	25	21	106
												10646	6	1	7.2	20	20	25	15	105	20.5	25	25	16	106
												11146	11.5	1	13.8	24.9	25	25	23	105	25.5	30	30	23	106
												11446	14	1	16.8	28.6	30	30	26	105	29.3	30	30	27	106
	575-3-60	6.2	58.2	10				4.4	4.9	0.4		None	-	-	-	17.1	20	20	18	84	17.5	20	20	18	85

KXA7 medium indoor blower - with powered convenience outlet

Table 151: KXA7 medium indoor blower - with powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker[2] size (amps)	Max fuse[2]/breaker[2] size (amps)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[2]/breaker[2] size w/ pwr exh (amps)	Max fuse/breaker [3]size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
With VFD																									
A7 (6)	208-3-60	19.2	162.3	30				4.4	13.2	1.1	8.6	None	-	-	-	45.9	50	60	47	228	47	50	60	49	231
												10625	4.9	1	13.6	45.9	50	60	47	228	47	50	60	49	231
												11125	7.9	1	21.9	49.3	50	60	47	228	50.6	60	60	49	231
												11625	12	1	33.3	63.5	70	70	58	228	64.9	70	70	60	231
	230-3-60	19.2	162.3	30				4.4	13.2	1	8.6	None	-	-	-	45.9	50	60	47	236	46.9	50	60	48	238
												10625	6.5	1	15.6	45.9	50	60	47	236	46.9	50	60	48	238
												11125	10.5	1	25.3	53.5	60	60	49	236	54.8	60	60	50	238
												11625	16	1	38.5	70	70	70	64	236	71.3	80	80	66	238
	460-3-60	9.1	70.8	14				2.5	6.1	0.5	8.6	None	-	-	-	22.2	25	30	23	107	22.7	25	30	23	109
												10646	6	1	7.2	22.2	25	30	18	107	22.7	25	30	18	109
												11146	11.5	1	13.8	27.6	30	30	25	107	28.2	30	30	26	109
												11446	14	1	16.8	31.3	35	35	29	107	31.9	35	35	29	109
	575-3-60	6.2	58.2	10				4.4	4.9	0.4	8.6	None	-	-	-	18.8	20	20	20	86	19.2	20	20	20	87

KXA7 high indoor blower - without powered convenience outlet

Table 152: KXA7 indoor blower - without powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1]	Min fuse[2]/ breaker[2] size	Max fuse[2]/breaker[2] size	Min disconnect[4] rating		MCA[1] w/pwr exh	Min fuse[2]/breaker[2] size w/ pwr exh	Max fuse[2]/breaker[2] size w/ pwr exh	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
With VFD																									
A7 (6)	208-3-60	19.2	162	30				4.4	13.2	1.1		None	-	-	-	41.6	45	60	42	235	42.7	45	60	44	237
												10625	4.9	1	13.6	41.6	45	60	42	235	42.7	45	60	44	237
												11125	7.9	1	21.9	43.9	45	60	42	235	45.3	50	60	44	237
												11625	12	1	33.3	58.1	60	60	53	235	59.5	60	60	55	237
	230-3-60	19.2	162	30				4.4	13.2	1		None	-	-	-	41.6	45	60	42	243	42.6	45	60	43	245
												10625	6.5	1	15.6	41.6	45	60	42	243	42.6	45	60	43	245
												11125	10.5	1	25.3	48.1	50	60	44	243	49.4	50	60	45	245
												11625	16	1	38.5	64.6	70	70	59	243	65.9	70	70	61	245
	460-3-60	9.1	70.8	14				2.5	6.1	0.5		None	-	-	-	20	25	25	20	111	20.5	25	25	21	112
												10646	6	1	7.2	20	20	25	15	111	20.5	25	25	16	112
												11146	11.5	1	13.8	24.9	25	25	23	111	25.5	30	30	23	112
												11446	14	1	16.8	28.6	30	30	26	111	29.3	30	30	27	112
	575-3-60	6.2	58.2	10				4.4	7.7	0.4		None	-	-	-	19.9	20	25	21	98	20.3	25	25	22	99

KXA7 high indoor blower - with powered convenience outlet

Table 153: KXA7 indoor blower - with powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1]	Min fuse[2]/ breaker[2] size	Max fuse[2]/breaker[2] size	Min disconnect[4] rating		MCA[1] w/pwr exh	Min fuse[2]/breaker[3] size w/ pwr exh	Max fuse[2]/breaker[3] size w/ pwr exh	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
With VFD																									
A7 (6)	208-3-60	19.2	162	30				4.4	13.2	1.1	8.6	None	-	-	-	45.9	50	60	47	239	47	50	60	49	242
												10625	4.9	1	13.6	45.9	50	60	47	239	47	50	60	49	242
												11125	7.9	1	21.9	49.3	50	60	47	239	50.6	60	60	49	242
												11625	12	1	33.3	63.5	70	70	58	239	64.9	70	70	60	242
	230-3-60	19.2	162	30				4.4	13.2	1	8.6	None	-	-	-	45.9	50	60	47	247	46.9	50	60	48	250
												10625	6.5	1	15.6	45.9	50	60	47	247	46.9	50	60	48	250
												11125	10.5	1	25.3	53.5	60	60	49	247	54.8	60	60	50	250
												11625	16	1	38.5	70	70	70	64	247	71.3	80	80	66	250
	460-3-60	9.1	70.8	14				2.5	6.1	0.5	8.6	None	-	-	-	22.2	25	30	23	113	22.7	25	30	23	114
												10646	6	1	7.2	22.2	25	30	18	113	22.7	25	30	18	114
												11146	11.5	1	13.8	27.6	30	30	25	113	28.2	30	30	26	114
												11446	14	1	16.8	31.3	35	35	29	113	31.9	35	35	29	114
	575-3-60	6.2	58.2	10				4.4	7.7	0.4	8.6	None	-	-	-	21.6	25	25	23	100	22	25	25	23	101

KY04 to 12 standard static indoor blower - without powered convenience outlet

Table 154: KY04 to 06 standard static indoor blower - without powered convenience outlet (without VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed Kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker[3] size (amps)	Max fuse[2]/ breaker[3]size (amps)	Min disconnect[3] rating		MCA[1] w/pwr exh (amps)	Min fuse[2]/ breaker[3] size w/ pwr exh (amps)	Max fuse[2]/ breaker[2] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-1-60	16.7	93.5	26				1.3	6.6	1.5		None	-	-	-	28.8	30	45	28	98	30.3	35	45	30	102
												10625	4.9	1	23.6	37.8	40	45	35	98	39.6	40	45	36	102
												11125	7.9	1	38	55.8	60	60	51	98	57.6	60	60	53	102
	230-1-60	16.7	93.5	26				1.4	6	1.3		None	-	-	-	28.3	30	40	28	99	29.6	30	45	29	102
												10625	6.5	1	27.1	41.4	45	45	38	99	43	45	45	40	102
												11125	10.5	1	43.8	62.3	70	70	57	99	63.9	70	70	59	102
	208-3-60	12.2	97.5	19				1.3	6.6	1.1		None	-	-	-	23.2	25	35	23	102	24.3	25	35	24	105
												10625	4.9	1	13.6	25.3	30	35	23	102	26.6	30	35	24	105
												11125	7.9	1	21.9	35.6	40	40	33	102	37	40	40	34	105
												11625	12	1	33.3	49.9	50	50	46	102	51.3	60	60	47	105
	230-3-60	12.2	97.5	19				1.4	6	1		None	-	-	-	22.7	25	30	23	103	23.7	25	35	24	105
												10625	6.5	1	15.6	27	30	30	25	103	28.3	30	35	26	105
												11125	10.5	1	25.3	39.1	40	40	36	103	40.4	45	45	37	105
												11625	16	1	38.5	55.6	60	60	51	103	56.9	60	60	52	105
	460-3-60	5.8	44.3	9				0.8	3.2	0.5		None	-	-	-	11.3	15	15	11	48	11.8	15	15	12	49
												10646	6	1	7.2	13	15	15	12	48	13.6	15	15	13	49
												11146	11.5	1	13.8	21.3	25	25	20	48	21.9	25	25	20	49
												11446	14	1	16.8	25	25	25	23	48	25.6	30	30	24	49
	575-3-60	4.5	27.1	7				0.6	6	0.4		None	-	-	-	8.6	15	15	9	29	9	15	15	9	30
												11058	9.2	1	8.9	14.1	15	15	13	29	14.6	15	15	13	30
												11458	13.8	1	13.3	19.6	20	20	18	29	20.1	25	25	19	30
05 (4)	208-1-60	19.4	102	30				1.3	8.4	1.5		None	-	-	-	34	35	50	33	107	35.5	40	50	35	110
												10625	4.9	1	23.6	40	40	50	37	107	41.9	45	50	39	110
												11125	7.9	1	38	58	60	60	53	107	59.9	60	60	55	110
	230-1-60	19.4	102	30				1.4	7.6	1.3		None	-	-	-	33.3	35	50	33	107	34.6	35	50	34	110
												10625	6.5	1	27.1	43.4	45	50	40	107	45	45	50	41	110
												11125	10.5	1	43.8	64.3	70	70	59	107	65.9	70	70	61	110
	208-3-60	12	123	19				1.3	8.4	1.1		None	-	-	-	24.7	25	35	25	128	25.8	30	35	26	130
												10625	4.9	1	13.6	27.5	30	35	25	128	28.9	30	35	27	130
												11125	7.9	1	21.9	37.9	40	40	35	128	39.3	40	40	36	130
												11625	12	1	33.3	52.1	60	60	48	128	53.5	60	60	49	130
	230-3-60	12	123	19				1.4	7.6	1		None	-	-	-	24	25	35	24	128	25	25	35	25	131
												10625	6.5	1	15.6	29	30	35	27	128	30.3	35	35	28	131
												11125	10.5	1	25.3	41.1	45	45	38	128	42.4	45	45	39	131
												11625	16	1	38.5	57.6	60	60	53	128	58.9	60	60	54	131
	460-3-60	6.3	60	10				0.8	4	0.5		None	-	-	-	12.7	15	15	13	64	13.2	15	15	13	65
												10646	6	1	7.2	14	15	15	13	64	14.6	15	15	13	65
												11146	11.5	1	13.8	22.3	25	25	20	64	22.9	25	25	21	65
												11446	14	1	16.8	26	30	30	24	64	26.6	30	30	24	65
	575-3-60	4.4	41	7				0.6	7.6	0.4		None	-	-	-	9.1	15	15	9	43	9.5	15	15	10	44
												11058	9.2	1	8.9	14.9	15	15	14	43	15.4	20	20	14	44
												11458	13.8	1	13.3	20.4	25	25	19	43	20.9	25	25	19	44

Table 154: KY04 to 06 standard static indoor blower - without powered convenience outlet (without VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed Kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker[2] size (amps)	Max fuse[2]/ breaker [2]size (amps)	Min disconnect[2] rating		MCA[1] w/pwr exh (amps)	Min fuse[2]/ breaker[2] size w/ pwr exh (amps)	Max fuse[2]/ breaker[2] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
06 (5)	208-1-60	21.8	143	34				2	8.4	1.5		None	-	-	-	37.7	40	50	37	149	39.2	40	60	39	153
												10625	4.9	1	23.6	40	40	50	37	149	41.9	45	60	39	153
												11125	7.9	1	38	58	60	60	53	149	59.9	60	60	55	153
	230-1-60	21.8	143	34				2.3	7.6	1.3		None	-	-	-	37.2	40	50	36	150	38.5	40	60	38	153
												10625	6.5	1	27.1	43.4	45	50	40	150	45	45	60	41	153
												11125	10.5	1	43.8	64.3	70	70	59	150	65.9	70	70	61	153
	208-3-60	16	156.4	25				2	8.4	1.1		None	-	-	-	30.4	35	45	30	163	31.5	35	45	32	165
												10625	4.9	1	13.6	30.4	35	45	30	163	31.5	35	45	32	165
												11125	7.9	1	21.9	37.9	40	45	35	163	39.3	40	45	36	165
												11625	12	1	33.3	52.1	60	60	48	163	53.5	60	60	49	165
	230-3-60	16	156.4	25				2.3	7.6	1		None	-	-	-	29.9	30	45	30	163	30.9	35	45	31	166
												10625	6.5	1	15.6	29.9	30	45	30	163	30.9	35	45	31	166
												11125	10.5	1	25.3	41.1	45	45	38	163	42.4	45	45	39	166
												11625	16	1	38.5	57.6	60	60	53	163	58.9	60	60	54	166
	460-3-60	7.7	69	12				1.3	4	0.5		None	-	-	-	14.9	15	20	15	74	15.4	20	20	16	75
												10646	6	1	7.2	14.9	15	20	13	74	15.4	20	20	13	75
												11146	11.5	1	13.8	22.3	25	25	20	74	22.9	25	25	21	75
												11446	14	1	16.8	26	30	30	24	74	26.6	30	30	24	75
	575-3-60	6.4	47.8	10				1	7.6	0.4		None	-	-	-	12	15	15	12	51	12.4	15	15	12	52
												11458	13.8	1	13.3	20.4	25	25	19	51	20.9	25	25	19	52
												12358	23	1	22.1	31.4	35	35	29	51	31.9	35	35	29	52
A7 (6)	208-3-60	19.2	162.3	30				2	5.2	1.1		None	-	-	-	33.2	35	50	33	194	35.4	40	50	35	199
												10725	4.9	1	13.6	33.2	35	50	33	194	35.4	40	50	35	199
												11725	12	1	33.3	48.1	50	50	44	194	50.9	60	60	47	199
												12525	18.6	1	51.6	71	80	80	65	194	73.8	80	80	68	199
	230-3-60	19.2	162.3	30				2.3	5.2	1		None	-	-	-	33.8	35	50	33	197	35.8	40	50	36	202
												10725	6.5	1	15.6	33.8	35	50	33	197	35.8	40	50	36	202
												11725	16	1	38.5	54.6	60	60	50	197	57.1	60	60	53	202
												12525	24.8	1	59.7	81.1	90	90	75	197	83.6	90	90	77	202
	460-3-60	9.1	70.8	14				1.3	2.6	0.5		None	-	-	-	16.6	20	25	16	89	17.6	20	25	18	91
												10746	6	1	7.2	16.6	20	25	11	89	17.6	20	25	12	91
												11746	16.5	1	19.8	28	30	30	26	89	29.3	30	30	27	91
												12646	25.5	1	30.7	41.6	45	45	38	89	42.9	45	45	39	91
	575-3-60	6.2	58.2	10				1	2	0.4		None	-	-	-	11.8	15	15	12	73	12.6	15	15	13	75
												11758	17	1	16.4	23	25	25	21	73	24	25	25	22	75
												12658	25.7	1	24.7	33.4	35	35	31	73	34.4	35	35	32	75

Table 155: KYA7 - 12 standard static indoor blower - without powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed Kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker[2] size (amps)	Max fuse[2]/ breaker [3]size (amps)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[2]/ breaker[2] size w/ pwr exh (amps)	Max fuse[2]/ breaker[2] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
A7 (6)	208-3-60	19.2	162	30				2	9	1.1		None	-	-	-	37	40	50	37	231	39.2	40	50	40	236
												10725	4.9	1	13.6	37	40	50	37	231	39.2	40	50	40	236
												11725	12	1	33.3	52.9	60	60	49	231	55.6	60	60	51	236
												12525	18.6	1	51.6	75.8	80	80	70	231	78.5	80	80	72	236
	230-3-60	19.2	162	30				2.3	9	1		None	-	-	-	37.6	40	50	38	234	39.6	40	50	40	239
												10725	6.5	1	15.6	37.6	40	50	38	234	39.6	40	50	40	239
												11725	16	1	38.5	59.4	60	60	55	234	61.9	70	70	57	239
												12525	24.8	1	59.7	85.9	90	90	79	234	88.4	90	90	81	239
	460-3-60	9.1	70.8	14				1.3	4.6	0.5		None	-	-	-	18.6	20	25	19	108	19.6	20	25	20	110
												10746	6	1	7.2	18.6	20	25	14	108	19.6	20	25	15	110
												11746	16.5	1	19.8	30.5	35	35	28	108	31.8	35	35	29	110
												12646	25.5	1	30.7	44.1	45	45	41	108	45.4	50	50	42	110
	575-3-60	6.2	58.2	10				1	3.5	0.4		None	-	-	-	13.3	15	15	13	81	14.1	15	15	14	82
												11758	17	1	16.4	24.9	25	25	23	81	25.9	30	30	24	82
												12658	25.7	1	24.7	35.3	40	40	32	81	36.3	40	40	33	82
08 (7.5)	208-3-60	12.8	103	20	12.8	103	20	2	9	1.1		None	-	-	-	41.8	45	50	44	275	44	45	50	47	280
												11725	12	1	33.3	52.9	60	60	49	275	55.6	60	60	51	280
												12525	18.6	1	51.6	75.8	80	80	70	275	78.5	80	80	72	280
												13225	24	1	66.6	94.5	100	100	87	275	97.3	100	100	89	280
												14225	31.8	2	88.3	121.6	125	125	112	275	124.4	125	125	114	280
	230-3-60	12.8	103	20	12.8	103	20	2.3	9	1		None	-	-	-	42.4	45	50	45	277	44.4	45	50	47	282
												11725	16	1	38.5	59.4	60	60	55	277	61.9	70	70	57	282
												12525	24.8	1	59.7	85.9	90	90	79	277	88.4	90	90	81	282
												13225	32	1	77	107.5	110	110	99	277	110	110	110	101	282
												14225	42.4	2	102	138.8	150	150	128	277	141.3	150	150	130	282
	460-3-60	5.8	50	9	5.8	50	9	1.3	4.6	0.5		None	-	-	-	20.3	25	25	22	137	21.3	25	25	23	139
												11746	16.5	1	19.8	30.5	35	35	28	137	31.8	35	35	29	139
												12846	27.8	1	33.4	47.5	50	50	44	137	48.8	50	50	45	139
												13346	33	1	39.7	55.4	60	60	51	137	56.6	60	60	52	139
												14246	41.7	2	50.2	68.5	70	70	63	137	69.8	70	70	64	139
	575-3-60	5.1	41	8	5.1	41	8	1	3.5	0.4		None	-	-	-	17	20	20	18	104	17.8	20	20	19	106
												11758	17	1	16.4	24.9	25	25	23	104	25.9	30	30	24	106
												13458	34	1	32.7	45.3	50	50	42	104	46.3	50	50	43	106
09 (8.5)	208-3-60	12.8	120	20	12.8	120	20	2	9	1.1		None	-	-	-	41.8	45	50	44	310	44	45	50	47	315
												11725	12	1	33.3	52.9	60	60	49	310	55.6	60	60	51	315
												12525	18.6	1	51.6	75.8	80	80	70	310	78.5	80	80	72	315
												13225	24	1	66.6	94.5	100	100	87	310	97.3	100	100	89	315
												14225	31.8	2	88.3	121.6	125	125	112	310	124.4	125	125	114	315
	230-3-60	12.8	120	20	12.8	120	20	2.3	9	1		None	-	-	-	42.4	45	50	45	312	44.4	45	50	47	317
												11725	16	1	38.5	59.4	60	60	55	312	61.9	70	70	57	317
												12525	24.8	1	59.7	85.9	90	90	79	312	88.4	90	90	81	317
												13225	32	1	77	107.5	110	110	99	312	110	110	110	101	317
												14225	42.4	2	102	138.8	150	150	128	312	141.3	150	150	130	317
	460-3-60	6	49.4	9	6	49.4	9	1.3	4.6	0.5		None	-	-	-	20.7	25	25	22	136	21.7	25	25	23	138
												11746	16.5	1	19.8	30.5	35	35	28	136	31.8	35	35	29	138
												12846	27.8	1	33.4	47.5	50	50	44	136	48.8	50	50	45	138
												13346	33	1	39.7	55.4	60	60	51	136	56.6	60	60	52	138
												14246	41.7	2	50.2	68.5	70	70	63	136	69.8	70	70	64	138
	575-3-60	5.8	41	9	5.8	41	9	1	3.5	0.4		None	-	-	-	18.6	20	20	20	104	19.4	20	20	21	106
												11758	17	1	16.4	24.9	25	25	23	104	25.9	30	30	24	106
												13458	34	1	32.7	45.3	50	50	42	104	46.3	50	50	43	106

Table 155: KYA7 - 12 standard static indoor blower - without powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed Kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker[2] size (amps)	Max fuse[2]/ breaker [2]size (amps)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[2]/ breaker[2] size w/ pwr exh (amps)	Max fuse[2]/ breaker[2] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
12 (10)	208-3-60	16	156	25	16	156	25	5.8	9	1.1		None	-	-	-	50.8	60	60	54	395	53	60	60	56	400
												11725	12	1	33.3	52.9	60	60	54	395	55.6	60	60	56	400
												12525	18.6	1	51.6	75.8	80	80	70	395	78.5	80	80	72	400
												13225	24	1	66.6	94.5	100	100	87	395	97.3	100	100	89	400
												14225	31.8	2	88.3	121.6	125	125	112	395	124.4	125	125	114	400
	230-3-60	16	156	25	16	156	25	5.2	9	1		None	-	-	-	50.2	60	60	53	394	52.2	60	60	55	398
												11725	16	1	38.5	59.4	60	60	55	394	61.9	70	70	57	398
												12525	24.8	1	59.7	85.9	90	90	79	394	88.4	90	90	81	398
												13225	32	1	77	107.5	110	110	99	394	110	110	110	101	398
												14225	42.4	2	102	138.8	150	150	128	394	141.3	150	150	130	398
	460-3-60	7.1	69	11	7.1	69	11	2.9	4.6	0.5		None	-	-	-	23.5	25	30	25	180	24.5	25	30	26	182
												11746	16.5	1	19.8	30.5	35	35	28	180	31.8	35	35	29	182
												12846	27.8	1	33.4	47.5	50	50	44	180	48.8	50	50	45	182
												13346	33	1	39.7	55.4	60	60	51	180	56.6	60	60	52	182
												14246	41.7	2	50.2	68.5	70	70	63	180	69.8	70	70	64	182
	575-3-60	6.4	47.8	10	6.4	47.8	10	2.2	3.5	0.4		None	-	-	-	20.1	25	25	21	125	20.9	25	25	22	126
												11758	17	1	16.4	24.9	25	25	23	125	25.9	30	30	24	126
												13458	34	1	32.7	45.3	50	50	42	125	46.3	50	50	43	126

KY04 to 12 standard indoor blower - with powered convenience outlet

Table 156: KY04 to 06 standard indoor blower - with powered convenience outlet (without VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1]	Min fuse[2]/ breaker[3] size	Max fuse[2]/ breaker[3] size	Min disconnect[4] rating		MCA w/pwr exh	Min fuse[2]/ breaker[3] size w/ pwr exh	Max fuse[2]/ breaker[3] size w/ pwr exh	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-1-60	16.7	93.5	26				1.3	6.6	1.5	8.6	None	-	-	-	33.1	35	45	33	103	34.6	35	50	35	106
												10625	4.9	1	23.6	43.1	45	45	40	103	45	45	50	41	106
												11125	7.9	1	38	61.1	70	70	56	103	63	70	70	58	106
	230-1-60	16.7	93.5	26				1.4	6	1.3	8.6	None	-	-	-	32.6	35	45	33	103	33.9	35	50	34	106
												10625	6.5	1	27.1	46.8	50	50	43	103	48.4	50	50	45	106
												11125	10.5	1	43.8	67.6	70	70	62	103	69.3	70	70	64	106
	208-3-60	12.2	97.5	19				1.3	6.6	1.1	8.6	None	-	-	-	27.5	30	35	28	107	28.6	30	40	29	109
												10625	4.9	1	13.6	30.6	35	35	28	107	32	35	40	29	109
												11125	7.9	1	21.9	41	45	45	38	107	42.4	45	45	39	109
												11625	12	1	33.3	55.3	60	60	51	107	56.6	60	60	52	109
	230-3-60	12.2	97.5	19				1.4	6	1	8.6	None	-	-	-	27	30	35	27	107	28	30	40	29	109
												10625	6.5	1	15.6	32.4	35	35	30	107	33.6	35	40	31	109
												11125	10.5	1	25.3	44.5	45	45	41	107	45.8	50	50	42	109
												11625	16	1	38.5	61	70	70	56	107	62.3	70	70	57	109
	460-3-60	5.8	44.3	9				0.8	3.2	0.5	8.6	None	-	-	-	13.5	15	15	14	50	14	15	15	14	51
												10646	6	1	7.2	15.7	20	20	14	50	16.3	20	20	15	51
												11146	11.5	1	13.8	23.9	25	25	22	50	24.6	25	25	23	51
												11446	14	1	16.8	27.7	30	30	25	50	28.3	30	30	26	51
	575-3-60	4.5	27.1	7				0.6	6	0.4	8.6	None	-	-	-	10.3	15	15	11	31	10.7	15	15	11	32
												11058	9.2	1	8.9	16.3	20	20	15	31	16.8	20	20	15	32
												11458	13.8	1	13.3	21.8	25	25	20	31	22.3	25	25	20	32
05 (4)	208-1-60	19.4	102	30				1.3	8.4	1.5	8.6	None	-	-	-	38.3	40	50	38	111	39.8	40	50	40	115
												10625	4.9	1	23.6	45.4	50	50	42	111	47.3	50	50	43	115
												11125	7.9	1	38	63.4	70	70	58	111	65.3	70	70	60	115
	230-1-60	19.4	102	30				1.4	7.6	1.3	8.6	None	-	-	-	37.6	40	50	38	112	38.9	40	50	39	114
												10625	6.5	1	27.1	48.8	50	50	45	112	50.4	60	60	46	114
												11125	10.5	1	43.8	69.6	70	70	64	112	71.3	80	80	66	114
	208-3-60	12	123	19				1.3	8.4	1.1	8.6	None	-	-	-	29	30	40	30	132	30.1	35	40	31	135
												10625	4.9	1	13.6	32.9	35	40	30	132	34.3	35	40	32	135
												11125	7.9	1	21.9	43.3	45	45	40	132	44.6	45	45	41	135
												11625	12	1	33.3	57.5	60	60	53	132	58.9	60	60	54	135
	230-3-60	12	123	19				1.4	7.6	1	8.6	None	-	-	-	28.3	30	40	29	133	29.3	30	40	30	135
												10625	6.5	1	15.6	34.4	35	40	32	133	35.6	40	40	33	135
												11125	10.5	1	25.3	46.5	50	50	43	133	47.8	50	50	44	135
												11625	16	1	38.5	63	70	70	58	133	64.3	70	70	59	135
	460-3-60	6.3	60	10				0.8	4	0.5	8.6	None	-	-	-	14.9	15	20	15	66	15.4	20	20	16	67
												10646	6	1	7.2	16.7	20	20	15	66	17.3	20	20	16	67
												11146	11.5	1	13.8	24.9	25	25	23	66	25.6	30	30	24	67
												11446	14	1	16.8	28.7	30	30	26	66	29.3	30	30	27	67
	575-3-60	4.4	41	7				0.6	7.6	0.4	8.6	None	-	-	-	10.9	15	15	11	45	11.3	15	15	12	46
												11058	9.2	1	8.9	17.1	20	20	16	45	17.6	20	20	16	46
												11458	13.8	1	13.3	22.6	25	25	21	45	23.1	25	25	21	46

Table 156: KY04 to 06 standard indoor blower - with powered convenience outlet (without VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1]	Min fuse[2]/ breaker[3] size	Max fuse[2]/ breaker[3] size	Min disconnect[4] rating		MCA w/pwr exh	Min fuse[2]/ breaker[3] size w/ pwr exh	Max fuse[2]/ breaker[3] size w/ pwr exh	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
06 (5)	208-1-60	21.8	143	34				2	8.4	1.5	8.6	None	-	-	-	42	45	60	42	154	43.5	45	60	44	157
												10625	4.9	1	23.6	45.4	50	60	42	154	47.3	50	60	44	157
												11125	7.9	1	38	63.4	70	70	58	154	65.3	70	70	60	157
	230-1-60	21.8	143	34				2.3	7.6	1.3	8.6	None	-	-	-	41.5	45	60	41	154	42.8	45	60	43	157
												10625	6.5	1	27.1	48.8	50	60	45	154	50.4	60	60	46	157
												11125	10.5	1	43.8	69.6	70	70	64	154	71.3	80	80	66	157
	208-3-60	16	156.4	25				2	8.4	1.1	8.6	None	-	-	-	34.7	35	50	35	167	35.8	40	50	37	170
												10625	4.9	1	13.6	34.7	35	50	35	167	35.8	40	50	37	170
												11125	7.9	1	21.9	43.3	45	50	40	167	44.6	45	50	41	170
												11625	12	1	33.3	57.5	60	60	53	167	58.9	60	60	54	170
	230-3-60	16	156.4	25				2.3	7.6	1	8.6	None	-	-	-	34.2	35	50	35	168	35.2	40	50	36	170
												10625	6.5	1	15.6	34.4	35	50	35	168	35.6	40	50	36	170
												11125	10.5	1	25.3	46.5	50	50	43	168	47.8	50	50	44	170
												11625	16	1	38.5	63	70	70	58	168	64.3	70	70	59	170
	460-3-60	7.7	69	12				1.3	4	0.5	8.6	None	-	-	-	17.1	20	20	17	76	17.6	20	20	18	77
												10646	6	1	7.2	17.1	20	20	15	76	17.6	20	20	16	77
												11146	11.5	1	13.8	24.9	25	25	23	76	25.6	30	30	24	77
												11446	14	1	16.8	28.7	30	30	26	76	29.3	30	30	27	77
	575-3-60	6.4	47.8	10				1	7.6	0.4	8.6	None	-	-	-	13.8	15	20	14	53	14.2	15	20	14	54
												11458	13.8	1	13.3	22.6	25	25	21	53	23.1	25	25	21	54
												12358	23	1	22.1	33.6	35	35	31	53	34.1	35	35	31	54
A7 (6)	208-3-60	19.2	162.3	30				2	5.2	1.1	8.6	None	-	-	-	37.5	40	50	38	198	39.7	40	50	40	203
												10725	4.9	1	13.6	37.5	40	50	38	198	39.7	40	50	40	203
												11725	12	1	33.3	53.5	60	60	49	198	56.3	60	60	52	203
												12525	18.6	1	51.6	76.4	80	80	70	198	79.1	80	80	73	203
	230-3-60	19.2	162.3	30				2.3	5.2	1	8.6	None	-	-	-	38.1	40	50	38	201	40.1	45	50	41	206
												10725	6.5	1	15.6	38.1	40	50	38	201	40.1	45	50	41	206
												11725	16	1	38.5	60	60	60	55	201	62.5	70	70	58	206
												12525	24.8	1	59.7	86.5	90	90	80	201	89	90	90	82	206
	460-3-60	9.1	70.8	14				1.3	2.6	0.5	8.6	None	-	-	-	18.8	20	25	19	91	19.8	20	25	20	93
												10746	6	1	7.2	18.8	20	25	14	91	19.8	20	25	15	93
												11746	16.5	1	19.8	30.7	35	35	28	91	31.9	35	35	29	93
												12646	25.5	1	30.7	44.3	45	45	41	91	45.6	50	50	42	93
	575-3-60	6.2	58.2	10				1	2	0.4	8.6	None	-	-	-	13.5	15	15	14	75	14.3	15	15	15	76
												11758	17	1	16.4	25.2	30	30	23	75	26.2	30	30	24	76
												12658	25.7	1	24.7	35.5	40	40	33	75	36.5	40	40	34	76

Table 157: KY04 to 12 standard indoor blower - with powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1]	Min fuse[2]/ breaker[2] size	Max fuse[2]/ breaker[2] size	Min disconnect[4] rating		MCA w/pwr exh	Min fuse[2]/ breaker[2] size w/ pwr exh	Max fuse[2]/ breaker[2] size w/ pwr exh	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
A7 (6)	208-3-60	19.2	162	30				2	9	1.1	8.6	None	-	-	-	41.3	45	60	42	236	43.5	45	60	45	241
												10725	4.9	1	13.6	41.3	45	60	42	236	43.5	45	60	45	241
												11725	12	1	33.3	58.3	60	60	54	236	61	70	70	56	241
												12525	18.6	1	51.6	81.1	90	90	75	236	83.9	90	90	77	241
	230-3-60	19.2	162	30				2.3	9	1	8.6	None	-	-	-	41.9	45	60	43	238	43.9	45	60	45	243
												10725	6.5	1	15.6	41.9	45	60	43	238	43.9	45	60	45	243
												11725	16	1	38.5	64.8	70	70	60	238	67.3	70	70	62	243
												12525	24.8	1	59.7	91.3	100	100	84	238	93.8	100	100	86	243
	460-3-60	9.1	70.8	14				1.3	4.6	0.5	8.6	None	-	-	-	20.8	25	25	21	110	21.8	25	25	22	112
												10746	6	1	7.2	20.8	25	25	16	110	21.8	25	25	17	112
												11746	16.5	1	19.8	33.2	35	35	31	110	34.4	35	35	32	112
												12646	25.5	1	30.7	46.8	50	50	43	110	48.1	50	50	44	112
	575-3-60	6.2	58.2	10				1	3.5	0.4	8.6	None	-	-	-	15	20	20	15	82	15.8	20	20	16	84
												11758	17	1	16.4	27	30	30	25	82	28	30	30	26	84
												12658	25.7	1	24.7	37.4	40	40	34	82	38.4	40	40	35	84
08 (7.5)	208-3-60	12.8	103	20	12.8	103	20	2	9	1.1	8.6	None	-	-	-	46.1	50	50	49	279	48.3	50	60	52	284
												11725	12	1	33.3	58.3	60	60	54	279	61	70	70	56	284
												12525	18.6	1	51.6	81.1	90	90	75	279	83.9	90	90	77	284
												13225	24	1	66.6	99.9	100	100	92	279	102.6	110	110	94	284
												14225	31.8	2	88.3	127	150	150	117	279	129.8	150	150	119	284
	230-3-60	12.8	103	20	12.8	103	20	2.3	9	1	8.6	None	-	-	-	46.7	50	50	50	282	48.7	50	60	52	286
												11725	16	1	38.5	64.8	70	70	60	282	67.3	70	70	62	286
												12525	24.8	1	59.7	91.3	100	100	84	282	93.8	100	100	86	286
												13225	32	1	77	112.9	125	125	104	282	115.4	125	125	106	286
												14225	42.4	2	102	144.1	150	150	133	282	146.6	150	150	135	286
	460-3-60	5.8	50	9	5.8	50	9	1.3	4.6	0.5	8.6	None	-	-	-	22.5	25	25	24	139	23.5	25	25	25	141
												11746	16.5	1	19.8	33.2	35	35	31	139	34.4	35	35	32	141
												12846	27.8	1	33.4	50.2	60	60	46	139	51.4	60	60	47	141
												13346	33	1	39.7	58.1	60	60	53	139	59.3	60	60	55	141
												14246	41.7	2	50.2	71.2	80	80	65	139	72.4	80	80	67	141
	575-3-60	5.1	41	8	5.1	41	8	1	3.5	0.4	8.6	None	-	-	-	18.7	20	20	20	106	19.5	20	20	21	108
												11758	17	1	16.4	27	30	30	25	106	28	30	30	26	108
												13458	34	1	32.7	47.4	50	50	44	106	48.4	50	50	45	108
09 (8.5)	208-3-60	12.8	120	20	12.8	120	20	2	9	1.1	8.6	None	-	-	-	46.1	50	50	49	314	48.3	50	60	52	319
												11725	12	1	33.3	58.3	60	60	54	314	61	70	70	56	319
												12525	18.6	1	51.6	81.1	90	90	75	314	83.9	90	90	77	319
												13225	24	1	66.6	99.9	100	100	92	314	102.6	110	110	94	319
												14225	31.8	2	88.3	127	150	150	117	314	129.8	150	150	119	319
	230-3-60	12.8	120	20	12.8	120	20	2.3	9	1	8.6	None	-	-	-	46.7	50	50	50	317	48.7	50	60	52	321
												11725	16	1	38.5	64.8	70	70	60	317	67.3	70	70	62	321
												12525	24.8	1	59.7	91.3	100	100	84	317	93.8	100	100	86	321
												13225	32	1	77	112.9	125	125	104	317	115.4	125	125	106	321
												14225	42.4	2	102	144.1	150	150	133	317	146.6	150	150	135	321
	460-3-60	6	49.4	9	6	49.4	9	1.3	4.6	0.5	8.6	None	-	-	-	22.9	25	25	25	138	23.9	25	25	26	140
												11746	16.5	1	19.8	33.2	35	35	31	138	34.4	35	35	32	140
												12846	27.8	1	33.4	50.2	60	60	46	138	51.4	60	60	47	140
												13346	33	1	39.7	58.1	60	60	53	138	59.3	60	60	55	140
												14246	41.7	2	50.2	71.2	80	80	65	138	72.4	80	80	67	140
	575-3-60	5.8	41	9	5.8	41	9	1	3.5	0.4	8.6	None	-	-	-	20.3	25	25	22	106	21.1	25	25	23	108
												11758	17	1	16.4	27	30	30	25	106	28	30	30	26	108
												13458	34	1	32.7	47.4	50	50	44	106	48.4	50	50	45	108

Table 157: KY04 to 12 standard indoor blower - with powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1]	Min fuse[2]/ breaker[2] size	Max fuse[2]/ breaker[2] size	Min disconnect[3] rating		MCA w/pwr exh	Min fuse[2]/ breaker[2] size w/ pwr exh	Max fuse[2]/ breaker[2] size w/ pwr exh	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
12 (10)	208-3-60	16	156	25	16	156	25	5.8	9	1.1	8.6	None	-	-	-	55.1	60	70	59	399	57.3	60	70	61	404
												11725	12	1	33.3	58.3	60	70	59	399	61	70	70	61	404
												12525	18.6	1	51.6	81.1	90	90	75	399	83.9	90	90	77	404
												13225	24	1	66.6	99.9	100	100	92	399	102.6	110	110	94	404
												14225	31.8	2	88.3	127	150	150	117	399	129.8	150	150	119	404
	230-3-60	16	156	25	16	156	25	5.2	9	1	8.6	None	-	-	-	54.5	60	70	58	398	56.5	60	70	60	403
												11725	16	1	38.5	64.8	70	70	60	398	67.3	70	70	62	403
												12525	24.8	1	59.7	91.3	100	100	84	398	93.8	100	100	86	403
												13225	32	1	77	112.9	125	125	104	398	115.4	125	125	106	403
												14225	42.4	2	102	144.1	150	150	133	398	146.6	150	150	135	403
	460-3-60	7.1	69	11	7.1	69	11	2.9	4.6	0.5	8.6	None	-	-	-	25.7	30	30	27	182	26.7	30	30	29	184
												11746	16.5	1	19.8	33.2	35	35	31	182	34.4	35	35	32	184
												12846	27.8	1	33.4	50.2	60	60	46	182	51.4	60	60	47	184
												13346	33	1	39.7	58.1	60	60	53	182	59.3	60	60	55	184
												14246	41.7	2	50.2	71.2	80	80	65	182	72.4	80	80	67	184
	575-3-60	6.4	47.8	10	6.4	47.8	10	2.2	3.5	0.4	8.6	None	-	-	-	21.8	25	25	23	126	22.6	25	25	24	128
												11758	17	1	16.4	27	30	30	25	126	28	30	30	26	128
												13458	34	1	32.7	47.4	50	50	44	126	48.4	50	50	45	128

KY04 to 12 medium indoor blower - without powered convenience outlet

Table 158: KY04 to 06 medium indoor blower - without powered convenience outlet (without VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker[3] size (amps)	Max fuse[2]/ breaker[3] size (amps)	Min disconnect[4] rating		MCA w/pwr exh (amps)	Min fuse[2]/ breaker[3] size w/ pwr exh (amps)	Max fuse[2]/ breaker[2] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-1-60	16.7	93.5	26				1.3	7.6	1.5		None	-	-	-	29.8	30	45	29	129	31.3	35	45	31	133
												10625	4.9	1	23.6	39	40	45	36	129	40.9	45	45	38	133
												11125	7.9	1	38	57	60	60	52	129	58.9	60	60	54	133
	230-1-60	16.7	93.5	26				1.4	7	1.3		None	-	-	-	29.3	30	45	29	132	30.6	35	45	30	135
												10625	6.5	1	27.1	42.6	45	45	39	132	44.3	45	45	41	135
												11125	10.5	1	43.8	63.5	70	70	58	132	65.1	70	70	60	135
	208-3-60	12.2	97.5	19				1.3	5.2	1.1		None	-	-	-	21.8	25	30	22	123	22.9	25	35	23	125
												10625	4.9	1	13.6	23.5	25	30	22	123	24.9	25	35	23	125
												11125	7.9	1	21.9	33.9	35	35	31	123	35.3	40	40	32	125
												11625	12	1	33.3	48.1	50	50	44	123	49.5	50	50	46	125
	230-3-60	12.2	97.5	19				1.4	5.2	1		None	-	-	-	21.9	25	30	22	126	22.9	25	35	23	128
												10625	6.5	1	15.6	26	30	30	24	126	27.3	30	35	25	128
												11125	10.5	1	25.3	38.1	40	40	35	126	39.4	40	40	36	128
												11625	16	1	38.5	54.6	60	60	50	126	55.9	60	60	51	128
	460-3-60	5.8	44.3	9				0.8	2.6	0.5		None	-	-	-	10.7	15	15	11	59	11.2	15	15	11	60
												10646	6	1	7.2	12.3	15	15	11	59	12.9	15	15	12	60
												11146	11.5	1	13.8	20.5	25	25	19	59	21.1	25	25	19	60
												11446	14	1	16.8	24.3	25	25	22	59	24.9	25	25	23	60
	575-3-60	4.5	27.1	7				0.6	2	0.4		None	-	-	-	8.2	15	15	8	39	8.6	15	15	9	39
												11058	9.2	1	8.9	13.6	15	15	13	39	14.1	15	15	13	39
												11458	13.8	1	13.3	19.1	20	20	18	39	19.6	20	20	18	39
05 (4)	208-1-60	19.4	102	30				1.3	7.6	1.5		None	-	-	-	33.2	35	50	33	138	34.7	35	50	34	141
												10625	4.9	1	23.6	39	40	50	36	138	40.9	45	50	38	141
												11125	7.9	1	38	57	60	60	52	138	58.9	60	60	54	141
	230-1-60	19.4	102	30				1.4	7	1.3		None	-	-	-	32.7	35	50	32	141	34	35	50	33	144
												10625	6.5	1	27.1	42.6	45	50	39	141	44.3	45	50	41	144
												11125	10.5	1	43.8	63.5	70	70	58	141	65.1	70	70	60	144
	208-3-60	12	123	19				1.3	5.2	1.1		None	-	-	-	21.5	25	30	21	148	22.6	25	30	23	151
												10625	4.9	1	13.6	23.5	25	30	22	148	24.9	25	30	23	151
												11125	7.9	1	21.9	33.9	35	35	31	148	35.3	40	40	32	151
												11625	12	1	33.3	48.1	50	50	44	148	49.5	50	50	46	151
	230-3-60	12	123	19				1.4	5.2	1		None	-	-	-	21.6	25	30	21	151	22.6	25	30	23	154
												10625	6.5	1	15.6	26	30	30	24	151	27.3	30	30	25	154
												11125	10.5	1	25.3	38.1	40	40	35	151	39.4	40	40	36	154
												11625	16	1	38.5	54.6	60	60	50	151	55.9	60	60	51	154
	460-3-60	6.3	60	10				0.8	2.6	0.5		None	-	-	-	11.3	15	15	11	74	11.8	15	15	12	75
												10646	6	1	7.2	12.3	15	15	11	74	12.9	15	15	12	75
												11146	11.5	1	13.8	20.5	25	25	19	74	21.1	25	25	19	75
												11446	14	1	16.8	24.3	25	25	22	74	24.9	25	25	23	75
	575-3-60	4.4	41	7				0.6	2	0.4		None	-	-	-	8.1	15	15	8	52	8.5	15	15	9	53
												11058	9.2	1	8.9	13.6	15	15	13	52	14.1	15	15	13	53
												11458	13.8	1	13.3	19.1	20	20	18	52	19.6	20	20	18	53

Table 158: KY04 to 06 medium indoor blower - without powered convenience outlet (without VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker[3] size (amps)	Max fuse[2]/ breaker[3] size (amps)	Min disconnect[4] rating		MCA w/pwr exh (amps)	Min fuse[2]/ breaker[3] size w/ pwr exh (amps)	Max fuse[2]/ breaker[3] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
06 (5)	208-1-60	21.8	143	34				2	6.8	1.5		None	-	-	-	36.1	40	50	35	180	37.6	40	50	37	183
												10625	4.9	1	23.6	38	40	50	35	180	39.9	40	50	37	183
												11125	7.9	1	38	56	60	60	52	180	57.9	60	60	53	183
	230-1-60	21.8	143	34				2.3	6.2	1.3		None	-	-	-	35.8	40	50	35	181	37.1	40	50	36	184
												10625	6.5	1	27.1	41.6	45	50	38	181	43.3	45	50	40	184
												11125	10.5	1	43.8	62.5	70	70	58	181	64.1	70	70	59	184
	208-3-60	16	156.4	25				2	7	1.1		None	-	-	-	29	30	45	29	221	30.1	35	45	30	223
												10625	4.9	1	13.6	29	30	45	29	221	30.1	35	45	30	223
												11125	7.9	1	21.9	36.1	40	45	33	221	37.5	40	45	35	223
												11625	12	1	33.3	50.4	60	60	46	221	51.8	60	60	48	223
	230-3-60	16	156.4	25				2.3	7.2	1		None	-	-	-	29.5	30	45	29	223	30.5	35	45	30	225
												10625	6.5	1	15.6	29.5	30	45	29	223	30.5	35	45	30	225
												11125	10.5	1	25.3	40.6	45	45	37	223	41.9	45	45	39	225
												11625	16	1	38.5	57.1	60	60	53	223	58.4	60	60	54	225
	460-3-60	7.7	69	12				1.3	3.6	0.5		None	-	-	-	14.5	15	20	14	103	15	15	20	15	104
												10646	6	1	7.2	14.5	15	20	12	103	15	15	20	13	104
												11146	11.5	1	13.8	21.8	25	25	20	103	22.4	25	25	21	104
												11446	14	1	16.8	25.5	30	30	23	103	26.1	30	30	24	104
	575-3-60	6.4	47.8	10				1	2.5	0.4		None	-	-	-	11.5	15	15	11	68	11.9	15	15	12	69
												11458	13.8	1	13.3	19.8	20	20	18	68	20.3	25	25	19	69
												12358	23	1	22.1	30.8	35	35	28	68	31.3	35	35	29	69
A7 (6)	208-3-60	19.2	162.3	30				2	7.5	1.1		None	-	-	-	35.5	40	50	35	220	37.7	40	50	38	225
												10725	4.9	1	13.6	35.5	40	50	35	220	37.7	40	50	38	225
												11725	12	1	33.3	51	60	60	47	220	53.8	60	60	49	225
												12525	18.6	1	51.6	73.9	80	80	68	220	76.6	80	80	70	225
	230-3-60	19.2	162.3	30				2.3	7.5	1		None	-	-	-	36.1	40	50	36	227	38.1	40	50	38	232
												10725	6.5	1	15.6	36.1	40	50	36	227	38.1	40	50	38	232
												11725	16	1	38.5	57.5	60	60	53	227	60	60	60	55	232
												12525	24.8	1	59.7	84	90	90	77	227	86.5	90	90	80	232
	460-3-60	9.1	70.8	14				1.3	3.4	0.5		None	-	-	-	17.4	20	25	17	104	18.4	20	25	19	106
												10746	6	1	7.2	17.4	20	25	12	104	18.4	20	25	13	106
												11746	16.5	1	19.8	29	30	30	27	104	30.3	35	35	28	106
												12646	25.5	1	30.7	42.6	45	45	39	104	43.9	45	45	40	106
	575-3-60	6.2	58.2	10				1	2.8	0.4		None	-	-	-	12.6	15	15	13	85	13.4	15	15	14	87
												11758	17	1	16.4	24	25	25	22	85	25	25	25	23	87
												12658	25.7	1	24.7	34.4	35	35	32	85	35.4	40	40	33	87

Table 159: KYA7 - 12 medium indoor blower - without powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker[3] size (amps)	Max fuse[2]/ breaker[3] size (amps)	Min disconnect rating[4]		MCA w/pwr exh (amps)	Min fuse/ breaker size w/ pwr exh (amps)	Max fuse/ breaker size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
A7 (6)	208-3-60	19.2	162	30				2	13.2	1.1		None	-	-	-	41.2	45	60	42	233	43.4	45	60	44	238
												10725	4.9	1	13.6	41.2	45	60	42	233	43.4	45	60	44	238
												11725	12	1	33.3	58.1	60	60	53	233	60.9	70	70	56	238
												12525	18.6	1	51.6	81	90	90	75	233	83.8	90	90	77	238
	230-3-60	19.2	162	30				2.3	13.2	1		None	-	-	-	41.8	45	60	43	241	43.8	45	60	45	246
												10725	6.5	1	15.6	41.8	45	60	43	241	43.8	45	60	45	246
												11725	16	1	38.5	64.6	70	70	59	241	67.1	70	70	62	246
												12525	24.8	1	59.7	91.1	100	100	84	241	93.6	100	100	86	246
	460-3-60	9.1	70.8	14				1.3	6.1	0.5		None	-	-	-	20.1	25	25	20	111	21.1	25	25	22	113
												10746	6	1	7.2	20.1	25	25	15	111	21.1	25	25	16	113
												11746	16.5	1	19.8	32.4	35	35	30	111	33.6	35	35	31	113
												12646	25.5	1	30.7	46	50	50	42	111	47.3	50	50	43	113
	575-3-60	6.2	58.2	10				1	4.9	0.4		None	-	-	-	14.7	15	20	15	89	15.5	20	20	16	91
												11758	17	1	16.4	26.6	30	30	24	89	27.6	30	30	25	91
												12658	25.7	1	24.7	37	40	40	34	89	38	40	40	35	91
08 (7.5)	208-3-60	12.8	103	20	12.8	103	20	2	9	1.1		None	-	-	-	41.8	45	50	44	275	44	45	50	47	280
												11725	12	1	33.3	52.9	60	60	49	275	55.6	60	60	51	280
												12525	18.6	1	51.6	75.8	80	80	70	275	78.5	80	80	72	280
												13225	24	1	66.6	94.5	100	100	87	275	97.3	100	100	89	280
												14225	31.8	2	88.3	121.6	125	125	112	275	124.4	125	125	114	280
	230-3-60	12.8	103	20	12.8	103	20	2.3	9	1		None	-	-	-	42.4	45	50	45	277	44.4	45	50	47	282
												11725	16	1	38.5	59.4	60	60	55	277	61.9	70	70	57	282
												12525	24.8	1	59.7	85.9	90	90	79	277	88.4	90	90	81	282
												13225	32	1	77	107.5	110	110	99	277	110	110	110	101	282
												14225	42.4	2	102	138.8	150	150	128	277	141.3	150	150	130	282
	460-3-60	5.8	50	9	5.8	50	9	1.3	4.6	0.5		None	-	-	-	20.3	25	25	22	137	21.3	25	25	23	139
												11746	16.5	1	19.8	30.5	35	35	28	137	31.8	35	35	29	139
												12846	27.8	1	33.4	47.5	50	50	44	137	48.8	50	50	45	139
												13346	33	1	39.7	55.4	60	60	51	137	56.6	60	60	52	139
												14246	41.7	2	50.2	68.5	70	70	63	137	69.8	70	70	64	139
	575-3-60	5.1	41	8	5.1	41	8	1	3.5	0.4		None	-	-	-	17	20	20	18	104	17.8	20	20	19	106
												11758	17	1	16.4	24.9	25	25	23	104	25.9	30	30	24	106
												13458	34	1	32.7	45.3	50	50	42	104	46.3	50	50	43	106
09 (8.5)	208-3-60	12.8	120	20	12.8	120	20	2	9	1.1		None	-	-	-	41.8	45	50	44	310	44	45	50	47	315
												11725	12	1	33.3	52.9	60	60	49	310	55.6	60	60	51	315
												12525	18.6	1	51.6	75.8	80	80	70	310	78.5	80	80	72	315
												13225	24	1	66.6	94.5	100	100	87	310	97.3	100	100	89	315
												14225	31.8	2	88.3	121.6	125	125	112	310	124.4	125	125	114	315
	230-3-60	12.8	120	20	12.8	120	20	2.3	9	1		None	-	-	-	42.4	45	50	45	312	44.4	45	50	47	317
												11725	16	1	38.5	59.4	60	60	55	312	61.9	70	70	57	317
												12525	24.8	1	59.7	85.9	90	90	79	312	88.4	90	90	81	317
												13225	32	1	77	107.5	110	110	99	312	110	110	110	101	317
												14225	42.4	2	102	138.8	150	150	128	312	141.3	150	150	130	317
	460-3-60	6	49.4	9	6	49.4	9	1.3	4.6	0.5		None	-	-	-	20.7	25	25	22	136	21.7	25	25	23	138
												11746	16.5	1	19.8	30.5	35	35	28	136	31.8	35	35	29	138
												12846	27.8	1	33.4	47.5	50	50	44	136	48.8	50	50	45	138
												13346	33	1	39.7	55.4	60	60	51	136	56.6	60	60	52	138
												14246	41.7	2	50.2	68.5	70	70	63	136	69.8	70	70	64	138
	575-3-60	5.8	41	9	5.8	41	9	1	3.5	0.4		None	-	-	-	18.6	20	20	20	104	19.4	20	20	21	106
												11758	17	1	16.4	24.9	25	25	23	104	25.9	30	30	24	106
												13458	34	1	32.7	45.3	50	50	42	104	46.3	50	50	43	106

Table 159: KYA7 - 12 medium indoor blower - without powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker[3] size (amps)	Max fuse[2]/ breaker[3] size (amps)	Min disconnect rating[4]		MCA w/pwr exh (amps)	Min fuse/ breaker size w/ pwr exh (amps)	Max fuse/ breaker size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
12 (10)	208-3-60	16	156	25	16	156	25	5.8	13.2	1.1		None	-	-	-	55	60	70	59	407	57.2	60	70	61	412
												11725	12	1	33.3	58.1	60	70	59	407	60.9	70	70	61	412
												12525	18.6	1	51.6	81	90	90	75	407	83.8	90	90	77	412
												13225	24	1	66.6	99.8	100	100	92	407	102.5	110	110	94	412
												14225	31.8	2	88.3	126.9	150	150	117	407	129.6	150	150	119	412
	230-3-60	16	156	25	16	156	25	5.2	13.2	1		None	-	-	-	54.4	60	70	58	412	56.4	60	70	60	417
												11725	16	1	38.5	64.6	70	70	59	412	67.1	70	70	62	417
												12525	24.8	1	59.7	91.1	100	100	84	412	93.6	100	100	86	417
												13225	32	1	77	112.8	125	125	104	412	115.3	125	125	106	417
												14225	42.4	2	102	144	150	150	132	412	146.5	150	150	135	417
	460-3-60	7.1	69	11	7.1	69	11	2.9	6.1	0.5		None	-	-	-	25	30	30	27	189	26	30	30	28	192
												11746	16.5	1	19.8	32.4	35	35	30	189	33.6	35	35	31	192
												12846	27.8	1	33.4	49.4	50	50	45	189	50.6	60	60	47	192
												13346	33	1	39.7	57.3	60	60	53	189	58.5	60	60	54	192
												14246	41.7	2	50.2	70.4	80	80	65	189	71.6	80	80	66	192
	575-3-60	6.4	47.8	10	6.4	47.8	10	2.2	7.7	0.4		None	-	-	-	24.3	25	30	26	147	25.1	30	30	27	149
												11758	17	1	16.4	30.1	35	35	28	147	31.1	35	35	29	149
												13458	34	1	32.7	50.5	60	60	46	147	51.5	60	60	47	149

KY04 to 12 medium indoor blower - with powered convenience outlet

Table 160: KY04 to 06 medium indoor blower - with powered convenience outlet (without VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker[2] size (amps)	Max fuse[2]/ breaker[2] size (amps)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[2]/ breaker[2] size w/ pwr exh (amps)	Max fuse[2]/ breaker[2] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-1-60	16.7	93.5	26				1.3	7.6	1.5	8.6	None	-	-	-	34.1	35	50	34	134	35.6	40	50	36	137
												10625	4.9	1	23.6	44.4	45	50	41	134	46.3	50	50	43	137
												11125	7.9	1	38	62.4	70	70	57	134	64.3	70	70	59	137
	230-1-60	16.7	93.5	26				1.4	7	1.3	8.6	None	-	-	-	33.6	35	50	34	137	34.9	35	50	35	139
												10625	6.5	1	27.1	48	50	50	44	137	49.6	50	50	46	139
												11125	10.5	1	43.8	68.9	70	70	63	137	70.5	80	80	65	139
	208-3-60	12.2	97.5	19				1.3	5.2	1.1	8.6	None	-	-	-	26.1	30	35	26	127	27.2	30	35	28	130
												10625	4.9	1	13.6	28.9	30	35	27	127	30.3	35	35	28	130
												11125	7.9	1	21.9	39.3	40	40	36	127	40.6	45	45	37	130
												11625	12	1	33.3	53.5	60	60	49	127	54.9	60	60	50	130
	230-3-60	12.2	97.5	19				1.4	5.2	1	8.6	None	-	-	-	26.2	30	35	27	130	27.2	30	35	28	132
												10625	6.5	1	15.6	31.4	35	35	29	130	32.6	35	35	30	132
												11125	10.5	1	25.3	43.5	45	45	40	130	44.8	45	45	41	132
												11625	16	1	38.5	60	60	60	55	130	61.3	70	70	56	132
	460-3-60	5.8	44.3	9				0.8	2.6	0.5	8.6	None	-	-	-	12.9	15	15	13	61	13.4	15	15	14	62
												10646	6	1	7.2	14.9	15	15	14	61	15.6	20	20	14	62
												11146	11.5	1	13.8	23.2	25	25	21	61	23.8	25	25	22	62
												11446	14	1	16.8	26.9	30	30	25	61	27.6	30	30	25	62
	575-3-60	4.5	27.1	7				0.6	2	0.4	8.6	None	-	-	-	9.9	15	15	10	40	10.3	15	15	11	41
												11058	9.2	1	8.9	15.8	20	20	15	40	16.3	20	20	15	41
												11458	13.8	1	13.3	21.3	25	25	20	40	21.8	25	25	20	41
05 (4)	208-1-60	19.4	102	30				1.3	7.6	1.5	8.6	None	-	-	-	37.5	40	50	37	142	39	40	50	39	146
												10625	4.9	1	23.6	44.4	45	50	41	142	46.3	50	50	43	146
												11125	7.9	1	38	62.4	70	70	57	142	64.3	70	70	59	146
	230-1-60	19.4	102	30				1.4	7	1.3	8.6	None	-	-	-	37	40	50	37	145	38.3	40	50	38	148
												10625	6.5	1	27.1	48	50	50	44	145	49.6	50	50	46	148
												11125	10.5	1	43.8	68.9	70	70	63	145	70.5	80	80	65	148
	208-3-60	12	123	19				1.3	5.2	1.1	8.6	None	-	-	-	25.8	30	35	26	153	26.9	30	35	27	155
												10625	4.9	1	13.6	28.9	30	35	27	153	30.3	35	35	28	155
												11125	7.9	1	21.9	39.3	40	40	36	153	40.6	45	45	37	155
												11625	12	1	33.3	53.5	60	60	49	153	54.9	60	60	50	155
	230-3-60	12	123	19				1.4	5.2	1	8.6	None	-	-	-	25.9	30	35	26	156	26.9	30	35	27	158
												10625	6.5	1	15.6	31.4	35	35	29	156	32.6	35	35	30	158
												11125	10.5	1	25.3	43.5	45	45	40	156	44.8	45	45	41	158
												11625	16	1	38.5	60	60	60	55	156	61.3	70	70	56	158
	460-3-60	6.3	60	10				0.8	2.6	0.5	8.6	None	-	-	-	13.5	15	15	14	76	14	15	15	14	78
												10646	6	1	7.2	14.9	15	15	14	76	15.6	20	20	14	78
												11146	11.5	1	13.8	23.2	25	25	21	76	23.8	25	25	22	78
												11446	14	1	16.8	26.9	30	30	25	76	27.6	30	30	25	78
	575-3-60	4.4	41	7				0.6	2	0.4	8.6	None	-	-	-	9.8	15	15	10	54	10.2	15	15	10	55
												11058	9.2	1	8.9	15.8	20	20	15	54	16.3	20	20	15	55
												11458	13.8	1	13.3	21.3	25	25	20	54	21.8	25	25	20	55

Table 160: KY04 to 06 medium indoor blower - with powered convenience outlet (without VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker[2] size (amps)	Max fuse[2]/ breaker[2] size (amps)	Min disconnect[1] rating		MCA[1] w/pwr exh (amps)	Min fuse[2]/ breaker[2] size w/ pwr exh (amps)	Max fuse[2]/ breaker[2] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
06 (5)	208-1-60	21.8	143	34				2	6.8	1.5	8.6	None	-	-	-	40.4	45	60	40	184	41.9	45	60	42	188
												10625	4.9	1	23.6	43.4	45	60	40	184	45.3	50	60	42	188
												11125	7.9	1	38	61.4	70	70	56	184	63.3	70	70	58	188
	230-1-60	21.8	143	34				2.3	6.2	1.3	8.6	None	-	-	-	40.1	45	60	40	185	41.4	45	60	41	188
												10625	6.5	1	27.1	47	50	60	43	185	48.6	50	60	45	188
												11125	10.5	1	43.8	67.9	70	70	62	185	69.5	70	70	64	188
	208-3-60	16	156.4	25				2	7	1.1	8.6	None	-	-	-	33.3	35	45	34	225	34.4	35	50	35	228
												10625	4.9	1	13.6	33.3	35	45	34	225	34.4	35	50	35	228
												11125	7.9	1	21.9	41.5	45	45	38	225	42.9	45	50	39	228
												11625	12	1	33.3	55.8	60	60	51	225	57.1	60	60	53	228
	230-3-60	16	156.4	25				2.3	7.2	1	8.6	None	-	-	-	33.8	35	45	34	227	34.8	35	50	35	230
												10625	6.5	1	15.6	33.9	35	45	34	227	35.1	40	50	35	230
												11125	10.5	1	25.3	46	50	50	42	227	47.3	50	50	43	230
												11625	16	1	38.5	62.5	70	70	58	227	63.8	70	70	59	230
	460-3-60	7.7	69	12				1.3	3.6	0.5	8.6	None	-	-	-	16.7	20	20	17	105	17.2	20	20	18	106
												10646	6	1	7.2	16.7	20	20	15	105	17.2	20	20	15	106
												11146	11.5	1	13.8	24.4	25	25	22	105	25.1	30	30	23	106
												11446	14	1	16.8	28.2	30	30	26	105	28.8	30	30	27	106
	575-3-60	6.4	47.8	10				1	2.5	0.4	8.6	None	-	-	-	13.2	15	15	13	70	13.6	15	15	14	70
												11458	13.8	1	13.3	21.9	25	25	20	70	22.4	25	25	21	70
												12358	23	1	22.1	32.9	35	35	30	70	33.4	35	35	31	70
A7 (6)	208-3-60	19.2	162.3	30				2	7.5	1.1	8.6	None	-	-	-	39.8	40	50	40	224	42	45	60	43	229
												10725	4.9	1	13.6	39.8	40	50	40	224	42	45	60	43	229
												11725	12	1	33.3	56.4	60	60	52	224	59.1	60	60	54	229
												12525	18.6	1	51.6	79.3	80	80	73	224	82	90	90	75	229
	230-3-60	19.2	162.3	30				2.3	7.5	1	8.6	None	-	-	-	40.4	45	50	41	231	42.4	45	60	43	236
												10725	6.5	1	15.6	40.4	45	50	41	231	42.4	45	60	43	236
												11725	16	1	38.5	62.9	70	70	58	231	65.4	70	70	60	236
												12525	24.8	1	59.7	89.4	90	90	82	231	91.9	100	100	85	236
	460-3-60	9.1	70.8	14				1.3	3.4	0.5	8.6	None	-	-	-	19.6	20	25	20	106	20.6	25	25	21	108
												10746	6	1	7.2	19.6	20	25	15	106	20.6	25	25	16	108
												11746	16.5	1	19.8	31.7	35	35	29	106	32.9	35	35	30	108
												12646	25.5	1	30.7	45.3	50	50	42	106	46.6	50	50	43	108
	575-3-60	6.2	58.2	10				1	2.8	0.4	8.6	None	-	-	-	14.3	15	20	15	87	15.1	20	20	16	88
												11758	17	1	16.4	26.2	30	30	24	87	27.2	30	30	25	88
												12658	25.7	1	24.7	36.5	40	40	34	87	37.5	40	40	35	88

Table 161: KYA7 - 12 medium indoor blower - with powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker size[3](A)	Min fuse[2]/ breaker size[3](A)	Min disconnect [4]rating		MCA w/pwr exh (A)	Min fuse[2]/ breaker size3 w/ pwr exh (amps)	Max fuse[2]/ breaker size3 w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
A7 (6)	208-3-60	19.2	162	30				2	13.2	1.1	8.6	None	-	-	-	45.5	50	60	47	237	47.7	50	60	49	242
												10725	4.9	1	13.6	45.5	50	60	47	237	47.7	50	60	49	242
												11725	12	1	33.3	63.5	70	70	58	237	66.3	70	70	61	242
												12525	18.6	1	51.6	86.4	90	90	79	237	89.1	90	90	82	242
	230-3-60	19.2	162	30				2.3	13.2	1	8.6	None	-	-	-	46.1	50	60	47	245	48.1	50	60	50	250
												10725	6.5	1	15.6	46.1	50	60	47	245	48.1	50	60	50	250
												11725	16	1	38.5	70	70	70	64	245	72.5	80	80	67	250
												12525	24.8	1	59.7	96.5	100	100	89	245	99	100	100	91	250
	460-3-60	9.1	70.8	14				1.3	6.1	0.5	8.6	None	-	-	-	22.3	25	30	23	113	23.3	25	30	24	115
												10746	6	1	7.2	22.3	25	30	18	113	23.3	25	30	19	115
												11746	16.5	1	19.8	35.1	40	40	32	113	36.3	40	40	33	115
												12646	25.5	1	30.7	48.7	50	50	45	113	49.9	50	50	46	115
	575-3-60	6.2	58.2	10				1	4.9	0.4	8.6	None	-	-	-	16.4	20	20	17	91	17.2	20	20	18	92
												11758	17	1	16.4	28.8	30	30	26	91	29.8	30	30	27	92
												12658	25.7	1	24.7	39.2	40	40	36	91	40.2	45	45	37	92
08 (7.5)	208-3-60	12.8	103	20	12.8	103	20	2	9	1.1	8.6	None	-	-	-	46.1	50	50	49	279	48.3	50	60	52	284
												11725	12	1	33.3	58.3	60	60	54	279	61	70	70	56	284
												12525	18.6	1	51.6	81.1	90	90	75	279	83.9	90	90	77	284
												13225	24	1	66.6	99.9	100	100	92	279	102.6	110	110	94	284
												14225	31.8	2	88.3	127	150	150	117	279	129.8	150	150	119	284
	230-3-60	12.8	103	20	12.8	103	20	2.3	9	1	8.6	None	-	-	-	46.7	50	50	50	282	48.7	50	60	52	286
												11725	16	1	38.5	64.8	70	70	60	282	67.3	70	70	62	286
												12525	24.8	1	59.7	91.3	100	100	84	282	93.8	100	100	86	286
												13225	32	1	77	112.9	125	125	104	282	115.4	125	125	106	286
												14225	42.4	2	102	144.1	150	150	133	282	146.6	150	150	135	286
	460-3-60	5.8	50	9	5.8	50	9	1.3	4.6	0.5	8.6	None	-	-	-	22.5	25	25	24	139	23.5	25	25	25	141
												11746	16.5	1	19.8	33.2	35	35	31	139	34.4	35	35	32	141
												12846	27.8	1	33.4	50.2	60	60	46	139	51.4	60	60	47	141
												13346	33	1	39.7	58.1	60	60	53	139	59.3	60	60	55	141
												14246	41.7	2	50.2	71.2	80	80	65	139	72.4	80	80	67	141
	575-3-60	5.1	41	8	5.1	41	8	1	3.5	0.4	8.6	None	-	-	-	18.7	20	20	20	106	19.5	20	20	21	108
												11758	17	1	16.4	27	30	30	25	106	28	30	30	26	108
												13458	34	1	32.7	47.4	50	50	44	106	48.4	50	50	45	108
09 (8.5)	208-3-60	12.8	120	20	12.8	120	20	2	9	1.1	8.6	None	-	-	-	46.1	50	50	49	314	48.3	50	60	52	319
												11725	12	1	33.3	58.3	60	60	54	314	61	70	70	56	319
												12525	18.6	1	51.6	81.1	90	90	75	314	83.9	90	90	77	319
												13225	24	1	66.6	99.9	100	100	92	314	102.6	110	110	94	319
												14225	31.8	2	88.3	127	150	150	117	314	129.8	150	150	119	319
	230-3-60	12.8	120	20	12.8	120	20	2.3	9	1	8.6	None	-	-	-	46.7	50	50	50	317	48.7	50	60	52	321
												11725	16	1	38.5	64.8	70	70	60	317	67.3	70	70	62	321
												12525	24.8	1	59.7	91.3	100	100	84	317	93.8	100	100	86	321
												13225	32	1	77	112.9	125	125	104	317	115.4	125	125	106	321
												14225	42.4	2	102	144.1	150	150	133	317	146.6	150	150	135	321
	460-3-60	6	49.4	9	6	49.4	9	1.3	4.6	0.5	8.6	None	-	-	-	22.9	25	25	25	138	23.9	25	25	26	140
												11746	16.5	1	19.8	33.2	35	35	31	138	34.4	35	35	32	140
												12846	27.8	1	33.4	50.2	60	60	46	138	51.4	60	60	47	140
												13346	33	1	39.7	58.1	60	60	53	138	59.3	60	60	55	140
												14246	41.7	2	50.2	71.2	80	80	65	138	72.4	80	80	67	140
	575-3-60	5.8	41	9	5.8	41	9	1	3.5	0.4	8.6	None	-	-	-	20.3	25	25	22	106	21.1	25	25	23	108
												11758	17	1	16.4	27	30	30	25	106	28	30	30	26	108
												13458	34	1	32.7	47.4	50	50	44	106	48.4	50	50	45	108

Table 161: KYA7 - 12 medium indoor blower - with powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker size[2](A)	Min fuse[2]/ breaker size[2](A)	Min disconnect [4]rating		MCA w/pwr exh (A)	Min fuse[2]/ breaker size3 w/ pwr exh (amps)	Max fuse[2]/ breaker size3 w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
12 (10)	208-3-60	16	156	25	16	156	25	5.8	13.2	1.1	8.6	None	-	-	-	59.3	60	70	64	412	61.5	70	70	66	417
												11725	12	1	33.3	63.5	70	70	64	412	66.3	70	70	66	417
												12525	18.6	1	51.6	86.4	90	90	79	412	89.1	90	90	82	417
												13225	24	1	66.6	105.1	110	110	97	412	107.9	110	110	99	417
												14225	31.8	2	88.3	132.3	150	150	122	412	135	150	150	124	417
	230-3-60	16	156	25	16	156	25	5.2	13.2	1	8.6	None	-	-	-	58.7	60	70	63	417	60.7	70	70	65	421
												11725	16	1	38.5	70	70	70	64	417	72.5	80	80	67	421
												12525	24.8	1	59.7	96.5	100	100	89	417	99	100	100	91	421
												13225	32	1	77	118.1	125	125	109	417	120.6	125	125	111	421
												14225	42.4	2	102	149.4	150	150	137	417	151.9	175	175	140	421
	460-3-60	7.1	69	11	7.1	69	11	2.9	6.1	0.5	8.6	None	-	-	-	27.2	30	30	29	191	28.2	30	30	30	194
												11746	16.5	1	19.8	35.1	40	40	32	191	36.3	40	40	33	194
												12846	27.8	1	33.4	52.1	60	60	48	191	53.3	60	60	49	194
												13346	33	1	39.7	59.9	60	60	55	191	61.2	70	70	56	194
												14246	41.7	2	50.2	73.1	80	80	67	191	74.3	80	80	68	194
	575-3-60	6.4	47.8	10	6.4	47.8	10	2.2	7.7	0.4	8.6	None	-	-	-	26	30	30	28	149	26.8	30	30	29	150
												11758	17	1	16.4	32.3	35	35	30	149	33.3	35	35	31	150
												13458	34	1	32.7	52.7	60	60	48	149	53.7	60	60	49	150

KY04 to 12 high indoor blower - without powered convenience outlet

Table 162: KY04 to 06 high indoor blower - without powered convenience outlet (without VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker[3] size (amps)	Max fuse[2]/ breaker[3] size (amps)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[2]/ breaker [3]size w/ pwr exh (amps)	Max fuse[2]/ breaker[3] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-3-60	12.2	97.5	19				1.3	5.2	1.1		None	-	-	-	21.8	25	30	22	123	22.9	25	35	23	125
												10625	4.9	1	13.6	23.5	25	30	22	123	24.9	25	35	23	125
												11125	7.9	1	21.9	33.9	35	35	31	123	35.3	40	40	32	125
												11625	12	1	33.3	48.1	50	50	44	123	49.5	50	50	46	125
	230-3-60	12.2	97.5	19				1.4	5.2	1		None	-	-	-	21.9	25	30	22	126	22.9	25	35	23	128
												10625	6.5	1	15.6	26	30	30	24	126	27.3	30	35	25	128
												11125	10.5	1	25.3	38.1	40	40	35	126	39.4	40	40	36	128
												11625	16	1	38.5	54.6	60	60	50	126	55.9	60	60	51	128
	460-3-60	5.8	44.3	9				0.8	2.6	0.5		None	-	-	-	10.7	15	15	11	59	11.2	15	15	11	60
												10646	6	1	7.2	12.3	15	15	11	59	12.9	15	15	12	60
												11146	11.5	1	13.8	20.5	25	25	19	59	21.1	25	25	19	60
												11446	14	1	16.8	24.3	25	25	22	59	24.9	25	25	23	60
	575-3-60	4.5	27.1	7				0.6	2	0.4		None	-	-	-	8.2	15	15	8	39	8.6	15	15	9	39
												11058	9.2	1	8.9	13.6	15	15	13	39	14.1	15	15	13	39
												11458	13.8	1	13.3	19.1	20	20	18	39	19.6	20	20	18	39
05 (4)	208-3-60	12	123	19				1.3	7.5	1.1		None	-	-	-	23.8	25	35	24	175	24.9	25	35	25	177
												10625	4.9	1	13.6	26.4	30	35	24	175	27.8	30	35	26	177
												11125	7.9	1	21.9	36.8	40	40	34	175	38.1	40	40	35	177
												11625	12	1	33.3	51	60	60	47	175	52.4	60	60	48	177
	230-3-60	12	123	19				1.4	7.5	1		None	-	-	-	23.9	25	35	24	181	24.9	25	35	25	184
												10625	6.5	1	15.6	28.9	30	35	27	181	30.1	35	35	28	184
												11125	10.5	1	25.3	41	45	45	38	181	42.3	45	45	39	184
												11625	16	1	38.5	57.5	60	60	53	181	58.8	60	60	54	184
	460-3-60	6.3	60	10				0.8	3.4	0.5		None	-	-	-	12.1	15	15	12	89	12.6	15	15	13	90
												10646	6	1	7.2	13.3	15	15	12	89	13.9	15	15	13	90
												11146	11.5	1	13.8	21.5	25	25	20	89	22.1	25	25	20	90
												11446	14	1	16.8	25.3	30	30	23	89	25.9	30	30	24	90
	575-3-60	4.4	41	7				0.6	2.8	0.4		None	-	-	-	8.9	15	15	9	64	9.3	15	15	9	65
												11058	9.2	1	8.9	14.6	15	15	13	64	15.1	20	20	14	65
												11458	13.8	1	13.3	20.1	25	25	19	64	20.6	25	25	19	65
06 (5)	208-3-60	16	156.4	25				2	8.9	1.1		None	-	-	-	30.9	35	45	31	238	32	35	45	32	240
												10625	4.9	1	13.6	30.9	35	45	31	238	32	35	45	32	240
												11125	7.9	1	21.9	38.5	40	45	35	238	39.9	40	45	37	240
												11625	12	1	33.3	52.8	60	60	49	238	54.1	60	60	50	240
	230-3-60	16	156.4	25				2.3	8.2	1		None	-	-	-	30.5	35	45	30	240	31.5	35	45	32	243
												10625	6.5	1	15.6	30.5	35	45	30	240	31.5	35	45	32	243
												11125	10.5	1	25.3	41.9	45	45	39	240	43.1	45	45	40	243
												11625	16	1	38.5	58.4	60	60	54	240	59.6	60	60	55	243
	460-3-60	7.7	69	12				1.3	4.1	0.5		None	-	-	-	15	20	20	15	106	15.5	20	20	16	108
												10646	6	1	7.2	15	15	20	13	106	15.5	20	20	14	108
												11146	11.5	1	13.8	22.4	25	25	21	106	23	25	25	21	108
												11446	14	1	16.8	26.1	30	30	24	106	26.8	30	30	25	108
	575-3-60	6.4	47.8	10				1	3.2	0.4		None	-	-	-	12.2	15	15	12	76	12.6	15	15	13	77
												11458	13.8	1	13.3	20.6	25	25	19	76	21.1	25	25	19	77
												12358	23	1	22.1	31.6	35	35	29	76	32.1	35	35	30	77

Table 162: KY04 to 06 high indoor blower - without powered convenience outlet (without VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1](amps)	Min fuse[2]/ breaker[2] size (amps)	Max fuse[2]/ breaker[2] size (amps)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[2]/ breaker [3]size w/ pwr exh (amps)	Max fuse[2]/ breaker[3] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
A7 (6)	208-3-60	19.2	162.3	30				2	10.2	1.1		None	-	-	-	38.2	40	50	38	234	40.4	45	50	41	239
												10725	4.9	1	13.6	38.2	40	50	38	234	40.4	45	50	41	239
												11725	12	1	33.3	54.4	60	60	50	234	57.1	60	60	53	239
												12525	18.6	1	51.6	77.3	80	80	71	234	80	90	90	74	239
	230-3-60	19.2	162.3	30				2.3	10.2	1		None	-	-	-	38.8	40	50	39	241	40.8	45	60	41	246
												10725	6.5	1	15.6	38.8	40	50	39	241	40.8	45	60	41	246
												11725	16	1	38.5	60.9	70	70	56	241	63.4	70	70	58	246
												12525	24.8	1	59.7	87.4	90	90	80	241	89.9	90	90	83	246
	460-3-60	9.1	70.8	14				1.3	4.8	0.5		None	-	-	-	18.8	20	25	19	111	19.8	20	25	20	113
												10746	6	1	7.2	18.8	20	25	14	111	19.8	20	25	15	113
												11746	16.5	1	19.8	30.8	35	35	28	111	32	35	35	29	113
												12646	25.5	1	30.7	44.4	45	45	41	111	45.6	50	50	42	113
	575-3-60	6.2	58.2	10				1	3.4	0.4		None	-	-	-	13.2	15	15	13	90	14	15	15	14	92
												11758	17	1	16.4	24.8	25	25	23	90	25.8	30	30	24	92
												12658	25.7	1	24.7	35.1	40	40	32	90	36.1	40	40	33	92

Table 163: KYA7 - 12 high indoor blower - without powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2]/breaker[2] size (amps)	Min fuse[2]/breaker[2] size (amps)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[2]/ breaker size[2] w/ pwr exh (amps)	Max fuse[2]/ breaker size[2] w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
A7 (6)	208-3-60	19.2	162	30				2	13.2	1.1		None	-	-	-	41.2	45	60	42	244	43.4	45	60	44	249
												10725	4.9	1	13.6	41.2	45	60	42	244	43.4	45	60	44	249
												11725	12	1	33.3	58.1	60	60	53	244	60.9	70	70	56	249
												12525	18.6	1	51.6	81	90	90	75	244	83.8	90	90	77	249
	230-3-60	19.2	162	30				2.3	13.2	1		None	-	-	-	41.8	45	60	43	253	43.8	45	60	45	257
												10725	6.5	1	15.6	41.8	45	60	43	253	43.8	45	60	45	257
												11725	16	1	38.5	64.6	70	70	59	253	67.1	70	70	62	257
												12525	24.8	1	59.7	91.1	100	100	84	253	93.6	100	100	86	257
	460-3-60	9.1	70.8	14				1.3	6.1	0.5		None	-	-	-	20.1	25	25	20	117	21.1	25	25	22	119
												10746	6	1	7.2	20.1	25	25	15	117	21.1	25	25	16	119
												11746	16.5	1	19.8	32.4	35	35	30	117	33.6	35	35	31	119
												12646	25.5	1	30.7	46	50	50	42	117	47.3	50	50	43	119
	575-3-60	6.2	58.2	10				1	7.7	0.4		None	-	-	-	17.5	20	20	18	103	18.3	20	20	19	105
												11758	17	1	16.4	30.1	35	35	28	103	31.1	35	35	29	105
												12658	25.7	1	24.7	40.5	45	45	37	103	41.5	45	45	38	105
08 (7.5)	208-3-60	12.8	103	20	12.8	103	20	2	13.2	1.1		None	-	-	-	46	50	50	49	287	48.2	50	50	52	292
												11725	12	1	33.3	58.1	60	60	53	287	60.9	70	70	56	292
												12525	18.6	1	51.6	81	90	90	75	287	83.8	90	90	77	292
												13225	24	1	66.6	99.8	100	100	92	287	102.5	110	110	94	292
												14225	31.8	2	88.3	126.9	150	150	117	287	129.6	150	150	119	292
	230-3-60	12.8	103	20	12.8	103	20	2.3	13.2	1		None	-	-	-	46.6	50	50	50	296	48.6	50	60	52	301
												11725	16	1	38.5	64.6	70	70	59	296	67.1	70	70	62	301
												12525	24.8	1	59.7	91.1	100	100	84	296	93.6	100	100	86	301
												13225	32	1	77	112.8	125	125	104	296	115.3	125	125	106	301
												14225	42.4	2	102	144	150	150	132	296	146.5	150	150	135	301
	460-3-60	5.8	50	9	5.8	50	9	1.3	6.1	0.5		None	-	-	-	21.8	25	25	23	146	22.8	25	25	24	148
												11746	16.5	1	19.8	32.4	35	35	30	146	33.6	35	35	31	148
												12846	27.8	1	33.4	49.4	50	50	45	146	50.6	60	60	47	148
												13346	33	1	39.7	57.3	60	60	53	146	58.5	60	60	54	148
												14246	41.7	2	50.2	70.4	80	80	65	146	71.6	80	80	66	148
	575-3-60	5.1	41	8	5.1	41	8	1	7.7	0.4		None	-	-	-	21.2	25	25	23	127	22	25	25	24	128
												11758	17	1	16.4	30.1	35	35	28	127	31.1	35	35	29	128
												13458	34	1	32.7	50.5	60	60	46	127	51.5	60	60	47	128
09 (8.5)	208-3-60	12.8	120	20	12.8	120	20	2	13.2	1.1		None	-	-	-	46	50	50	49	322	48.2	50	50	52	327
												11725	12	1	33.3	58.1	60	60	53	322	60.9	70	70	56	327
												12525	18.6	1	51.6	81	90	90	75	322	83.8	90	90	77	327
												13225	24	1	66.6	99.8	100	100	92	322	102.5	110	110	94	327
												14225	31.8	2	88.3	126.9	150	150	117	322	129.6	150	150	119	327
	230-3-60	12.8	120	20	12.8	120	20	2.3	13.2	1		None	-	-	-	46.6	50	50	50	331	48.6	50	60	52	336
												11725	16	1	38.5	64.6	70	70	59	331	67.1	70	70	62	336
												12525	24.8	1	59.7	91.1	100	100	84	331	93.6	100	100	86	336
												13225	32	1	77	112.8	125	125	104	331	115.3	125	125	106	336
												14225	42.4	2	102	144	150	150	132	331	146.5	150	150	135	336
	460-3-60	6	49.4	9	6	49.4	9	1.3	6.1	0.5		None	-	-	-	22.2	25	25	24	145	23.2	25	25	25	147
												11746	16.5	1	19.8	32.4	35	35	30	145	33.6	35	35	31	147
												12846	27.8	1	33.4	49.4	50	50	45	145	50.6	60	60	47	147
												13346	33	1	39.7	57.3	60	60	53	145	58.5	60	60	54	147
												14246	41.7	2	50.2	70.4	80	80	65	145	71.6	80	80	66	147
	575-3-60	5.8	41	9	5.8	41	9	1	7.7	0.4		None	-	-	-	22.8	25	25	24	127	23.6	25	25	25	128
												11758	17	1	16.4	30.1	35	35	28	127	31.1	35	35	29	128
												13458	34	1	32.7	50.5	60	60	46	127	51.5	60	60	47	128

Table 163: KYA7 - 12 high indoor blower - without powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2]/breaker[3] size (amps)	Min fuse[2]/breaker[3] size (amps)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[2]/ breaker size[3] w/ pwr exh (amps)	Max fuse[2]/ breaker size[3] w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
12 (10)	208-3-60	16	156	25	16	156	25	5.8	20.4	1.1		None	-	-	-	62.2	70	70	67	438	64.4	70	70	69	443
												11725	12	1	33.3	67.1	70	70	67	438	69.9	70	80	69	443
												12525	18.6	1	51.6	90	90	90	83	438	92.8	100	100	85	443
												13225	24	1	66.6	108.8	110	110	100	438	111.5	125	125	103	443
												14225	31.8	2	88.3	135.9	150	150	125	438	138.6	150	150	128	443
	230-3-60	16	156	25	16	156	25	5.2	20.4	1		None	-	-	-	61.6	70	70	66	434	63.6	70	70	69	438
												11725	16	1	38.5	73.6	80	80	68	434	76.1	80	80	70	438
												12525	24.8	1	59.7	100.1	110	110	92	434	102.6	110	110	94	438
												13225	32	1	77	121.8	125	125	112	434	124.3	125	125	114	438
												14225	42.4	2	102	153	175	175	141	434	155.5	175	175	143	438
	460-3-60	7.1	69	11	7.1	69	11	2.9	9.9	0.5		None	-	-	-	28.8	30	35	31	200	29.8	30	35	32	202
												11746	16.5	1	19.8	37.1	40	40	34	200	38.4	40	40	35	202
												12846	27.8	1	33.4	54.1	60	60	50	200	55.4	60	60	51	202
												13346	33	1	39.7	62	70	70	57	200	63.3	70	70	58	202
												14246	41.7	2	50.2	75.1	80	80	69	200	76.4	80	80	70	202
	575-3-60	6.4	47.8	10	6.4	47.8	10	2.2	7.7	0.4		None	-	-	-	24.3	25	30	26	147	25.1	30	30	27	149
												11758	17	1	16.4	30.1	35	35	28	147	31.1	35	35	29	149
												13458	34	1	32.7	50.5	60	60	46	147	51.5	60	60	47	149

KY04 to 12 high indoor blower - with powered convenience outlet

Table 164: KY04 to 06 high indoor blower - with powered convenience outlet (without VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2] / breaker[3] size (A)	Max fuse[2] / breaker[3] size (A)	Min disconnect[4] rating		MCA w/pwr exh (amps)	Min fuse[2] / breaker[3] size w/ pwr exh (amps)	Max fuse[2] / breaker[3] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-3-60	12.2	97.5	19				1.3	5.2	1.1	8.6	None	-	-	-	26.1	30	35	26	127	27.2	30	35	28	130
												10625	4.9	1	13.6	28.9	30	35	27	127	30.3	35	35	28	130
												11125	7.9	1	21.9	39.3	40	40	36	127	40.6	45	45	37	130
												11625	12	1	33.3	53.5	60	60	49	127	54.9	60	60	50	130
	230-3-60	12.2	97.5	19				1.4	5.2	1	8.6	None	-	-	-	26.2	30	35	27	130	27.2	30	35	28	132
												10625	6.5	1	15.6	31.4	35	35	29	130	32.6	35	35	30	132
												11125	10.5	1	25.3	43.5	45	45	40	130	44.8	45	45	41	132
												11625	16	1	38.5	60	60	60	55	130	61.3	70	70	56	132
	460-3-60	5.8	44.3	9				0.8	2.6	0.5	8.6	None	-	-	-	12.9	15	15	13	61	13.4	15	15	14	62
												10646	6	1	7.2	14.9	15	15	14	61	15.6	20	20	14	62
												11146	11.5	1	13.8	23.2	25	25	21	61	23.8	25	25	22	62
												11446	14	1	16.8	26.9	30	30	25	61	27.6	30	30	25	62
	575-3-60	4.5	27.1	7				0.6	2	0.4	8.6	None	-	-	-	9.9	15	15	10	40	10.3	15	15	11	41
												11058	9.2	1	8.9	15.8	20	20	15	40	16.3	20	20	15	41
												11458	13.8	1	13.3	21.3	25	25	20	40	21.8	25	25	20	41
05 (4)	208-3-60	12	123	19				1.3	7.5	1.1	8.6	None	-	-	-	28.1	30	40	29	179	29.2	30	40	30	181
												10625	4.9	1	13.6	31.8	35	40	29	179	33.1	35	40	30	181
												11125	7.9	1	21.9	42.1	45	45	39	179	43.5	45	45	40	181
												11625	12	1	33.3	56.4	60	60	52	179	57.8	60	60	53	181
	230-3-60	12	123	19				1.4	7.5	1	8.6	None	-	-	-	28.2	30	40	29	186	29.2	30	40	30	188
												10625	6.5	1	15.6	34.3	35	40	32	186	35.5	40	40	33	188
												11125	10.5	1	25.3	46.4	50	50	43	186	47.6	50	50	44	188
												11625	16	1	38.5	62.9	70	70	58	186	64.1	70	70	59	188
	460-3-60	6.3	60	10				0.8	3.4	0.5	8.6	None	-	-	-	14.3	15	20	15	91	14.8	15	20	15	93
												10646	6	1	7.2	15.9	20	20	15	91	16.6	20	20	15	93
												11146	11.5	1	13.8	24.2	25	25	22	91	24.8	25	25	23	93
												11446	14	1	16.8	27.9	30	30	26	91	28.6	30	30	26	93
	575-3-60	4.4	41	7				0.6	2.8	0.4	8.6	None	-	-	-	10.6	15	15	11	66	11	15	15	11	67
												11058	9.2	1	8.9	16.8	20	20	15	66	17.3	20	20	16	67
												11458	13.8	1	13.3	22.3	25	25	20	66	22.8	25	25	21	67
06 (5)	208-3-60	16	156.4	25				2	8.9	1.1	8.6	None	-	-	-	35.2	40	50	36	242	36.3	40	50	37	244
												10625	4.9	1	13.6	35.2	40	50	36	242	36.3	40	50	37	244
												11125	7.9	1	21.9	43.9	45	50	40	242	45.3	50	50	42	244
												11625	12	1	33.3	58.1	60	60	53	242	59.5	60	60	55	244
	230-3-60	16	156.4	25				2.3	8.2	1	8.6	None	-	-	-	34.8	35	50	35	245	35.8	40	50	37	247
												10625	6.5	1	15.6	35.1	40	50	35	245	36.4	40	50	37	247
												11125	10.5	1	25.3	47.3	50	50	43	245	48.5	50	50	45	247
												11625	16	1	38.5	63.8	70	70	59	245	65	70	70	60	247
	460-3-60	7.7	69	12				1.3	4.1	0.5	8.6	None	-	-	-	17.2	20	20	18	109	17.7	20	20	18	110
												10646	6	1	7.2	17.2	20	20	15	109	17.7	20	20	16	110
												11146	11.5	1	13.8	25.1	30	30	23	109	25.7	30	30	24	110
												11446	14	1	16.8	28.8	30	30	27	109	29.4	30	30	27	110
	575-3-60	6.4	47.8	10				1	3.2	0.4	8.6	None	-	-	-	13.9	15	20	14	78	14.3	15	20	15	79
												11458	13.8	1	13.3	22.8	25	25	21	78	23.3	25	25	21	79
												12358	23	1	22.1	33.8	35	35	31	78	34.3	35	35	32	79

Table 164: KY04 to 06 high indoor blower - with powered convenience outlet (without VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker[2]size (A)	Max fuse[2]/ breaker[2]size (A)	Min disconnect[4] rating		MCA w/pwr exh (amps)	Min fuse[2]/ breaker[3] size w/ pwr exh (amps)	Max fuse[2]/ breaker[3] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
A7 (6)	208-3-60	19.2	162.3	30				2	10.2	1.1	8.6	None	-	-	-	42.5	45	60	43	239	44.7	45	60	46	244
												10725	4.9	1	13.6	42.5	45	60	43	239	44.7	45	60	46	244
												11725	12	1	33.3	59.8	60	60	55	239	62.5	70	70	58	244
												12525	18.6	1	51.6	82.6	90	90	76	239	85.4	90	90	79	244
	230-3-60	19.2	162.3	30				2.3	10.2	1	8.6	None	-	-	-	43.1	45	60	44	245	45.1	50	60	46	250
												10725	6.5	1	15.6	43.1	45	60	44	245	45.1	50	60	46	250
												11725	16	1	38.5	66.3	70	70	61	245	68.8	70	70	63	250
												12525	24.8	1	59.7	92.8	100	100	85	245	95.3	100	100	88	250
	460-3-60	9.1	70.8	14				1.3	4.8	0.5	8.6	None	-	-	-	21	25	30	22	113	22	25	30	23	115
												10746	6	1	7.2	21	25	30	16	113	22	25	30	17	115
												11746	16.5	1	19.8	33.4	35	35	31	113	34.7	35	35	32	115
												12646	25.5	1	30.7	47.1	50	50	43	113	48.3	50	50	44	115
	575-3-60	6.2	58.2	10				1	3.4	0.4	8.6	None	-	-	-	14.9	15	20	15	92	15.7	20	20	16	94
												11758	17	1	16.4	26.9	30	30	25	92	27.9	30	30	26	94
												12658	25.7	1	24.7	37.3	40	40	34	92	38.3	40	40	35	94

Table 165: KYA7 - 12 high indoor blower - with powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2] / breaker[2]size (A)	Max fuse[2] / breaker[2]size (A)	Min disconnect[4] rating		MCA w/pwr exh (amps)	Min fuse[2] / breaker[2]size w/ pwr exh (amps)	Max fuse[2] / breaker[2] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
A7 (6)	208-3-60	19.2	162	30				2	13.2	1.1	8.6	None	-	-	-	45.5	50	60	47	248	47.7	50	60	49	253
												10725	4.9	1	13.6	45.5	50	60	47	248	47.7	50	60	49	253
												11725	12	1	33.3	63.5	70	70	58	248	66.3	70	70	61	253
												12525	18.6	1	51.6	86.4	90	90	79	248	89.1	90	90	82	253
	230-3-60	19.2	162	30				2.3	13.2	1	8.6	None	-	-	-	46.1	50	60	47	257	48.1	50	60	50	262
												10725	6.5	1	15.6	46.1	50	60	47	257	48.1	50	60	50	262
												11725	16	1	38.5	70	70	70	64	257	72.5	80	80	67	262
												12525	24.8	1	59.7	96.5	100	100	89	257	99	100	100	91	262
	460-3-60	9.1	70.8	14				1.3	6.1	0.5	8.6	None	-	-	-	22.3	25	30	23	119	23.3	25	30	24	121
												10746	6	1	7.2	22.3	25	30	18	119	23.3	25	30	19	121
												11746	16.5	1	19.8	35.1	40	40	32	119	36.3	40	40	33	121
												12646	25.5	1	30.7	48.7	50	50	45	119	49.9	50	50	46	121
	575-3-60	6.2	58.2	10				1	7.7	0.4	8.6	None	-	-	-	19.2	20	25	20	105	20	20	25	21	106
												11758	17	1	16.4	32.3	35	35	30	105	33.3	35	35	31	106
												12658	25.7	1	24.7	42.7	45	45	39	105	43.7	45	45	40	106
08 (7.5)	208-3-60	12.8	103	20	12.8	103	20	2	13.2	1.1	8.6	None	-	-	-	50.3	60	60	54	291	52.5	60	60	57	296
												11725	12	1	33.3	63.5	70	70	58	291	66.3	70	70	61	296
												12525	18.6	1	51.6	86.4	90	90	79	291	89.1	90	90	82	296
												13225	24	1	66.6	105.1	110	110	97	291	107.9	110	110	99	296
												14225	31.8	2	88.3	132.3	150	150	122	291	135	150	150	124	296
	230-3-60	12.8	103	20	12.8	103	20	2.3	13.2	1	8.6	None	-	-	-	50.9	60	60	55	300	52.9	60	60	57	305
												11725	16	1	38.5	70	70	70	64	300	72.5	80	80	67	305
												12525	24.8	1	59.7	96.5	100	100	89	300	99	100	100	91	305
												13225	32	1	77	118.1	125	125	109	300	120.6	125	125	111	305
												14225	42.4	2	102	149.4	150	150	137	300	151.9	175	175	140	305
	460-3-60	5.8	50	9	5.8	50	9	1.3	6.1	0.5	8.6	None	-	-	-	24	25	25	26	148	25	25	25	27	150
												11746	16.5	1	19.8	35.1	40	40	32	148	36.3	40	40	33	150
												12846	27.8	1	33.4	52.1	60	60	48	148	53.3	60	60	49	150
												13346	33	1	39.7	59.9	60	60	55	148	61.2	70	70	56	150
												14246	41.7	2	50.2	73.1	80	80	67	148	74.3	80	80	68	150
	575-3-60	5.1	41	8	5.1	41	8	1	7.7	0.4	8.6	None	-	-	-	22.9	25	25	25	128	23.7	25	25	26	130
												11758	17	1	16.4	32.3	35	35	30	128	33.3	35	35	31	130
												13458	34	1	32.7	52.7	60	60	48	128	53.7	60	60	49	130
09 (8.5)	208-3-60	12.8	120	20	12.8	120	20	2	13.2	1.1	8.6	None	-	-	-	50.3	60	60	54	326	52.5	60	60	57	331
												11725	12	1	33.3	63.5	70	70	58	326	66.3	70	70	61	331
												12525	18.6	1	51.6	86.4	90	90	79	326	89.1	90	90	82	331
												13225	24	1	66.6	105.1	110	110	97	326	107.9	110	110	99	331
												14225	31.8	2	88.3	132.3	150	150	122	326	135	150	150	124	331
	230-3-60	12.8	120	20	12.8	120	20	2.3	13.2	1	8.6	None	-	-	-	50.9	60	60	55	336	52.9	60	60	57	340
												11725	16	1	38.5	70	70	70	64	336	72.5	80	80	67	340
												12525	24.8	1	59.7	96.5	100	100	89	336	99	100	100	91	340
												13225	32	1	77	118.1	125	125	109	336	120.6	125	125	111	340
												14225	42.4	2	102	149.4	150	150	137	336	151.9	175	175	140	340
	460-3-60	6	49.4	9	6	49.4	9	1.3	6.1	0.5	8.6	None	-	-	-	24.4	25	30	26	147	25.4	30	30	27	149
												11746	16.5	1	19.8	35.1	40	40	32	147	36.3	40	40	33	149
												12846	27.8	1	33.4	52.1	60	60	48	147	53.3	60	60	49	149
												13346	33	1	39.7	59.9	60	60	55	147	61.2	70	70	56	149
												14246	41.7	2	50.2	73.1	80	80	67	147	74.3	80	80	68	149
	575-3-60	5.8	41	9	5.8	41	9	1	7.7	0.4	8.6	None	-	-	-	24.5	25	30	26	128	25.3	30	30	27	130
												11758	17	1	16.4	32.3	35	35	30	128	33.3	35	35	31	130
												13458	34	1	32.7	52.7	60	60	48	128	53.7	60	60	49	130

Table 165: KYA7 - 12 high indoor blower - with powered convenience outlet (with VFD)

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (amps)	Min fuse[2]/ breaker[3]size (A)	Max fuse[2]/ breaker[3]size (A)	Min disconnect[4] rating		MCA w/pwr exh (amps)	Min fuse[2]/ breaker[3]size w/ pwr exh (amps)	Max fuse[2]/ breaker[3] size w/ pwr exh (amps)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
12 (10)	208-3-60	16	156	25	16	156	25	5.8	20.4	1.1	8.6	None	-	-	-	66.5	70	80	72	442	68.7	70	80	74	447
												11725	12	1	33.3	72.5	80	80	72	442	75.3	80	80	74	447
												12525	18.6	1	51.6	95.4	100	100	88	442	98.1	100	100	90	447
												13225	24	1	66.6	114.1	125	125	105	442	116.9	125	125	108	447
												14225	31.8	2	88.3	141.3	150	150	130	442	144	150	150	132	447
	230-3-60	16	156	25	16	156	25	5.2	20.4	1	8.6	None	-	-	-	65.9	70	80	71	438	67.9	70	80	73	443
												11725	16	1	38.5	79	80	80	73	438	81.5	90	90	75	443
												12525	24.8	1	59.7	105.5	110	110	97	438	108	110	110	99	443
												13225	32	1	77	127.1	150	150	117	438	129.6	150	150	119	443
												14225	42.4	2	102	158.4	175	175	146	438	160.9	175	175	148	443
	460-3-60	7.1	69	11	7.1	69	11	2.9	9.9	0.5	8.6	None	-	-	-	31	35	35	34	202	32	35	35	35	204
												11746	16.5	1	19.8	39.8	40	40	37	202	41.1	45	45	38	204
												12846	27.8	1	33.4	56.8	60	60	52	202	58.1	60	60	53	204
												13346	33	1	39.7	64.7	70	70	60	202	65.9	70	70	61	204
												14246	41.7	2	50.2	77.8	80	80	72	202	79.1	80	80	73	204
	575-3-60	6.4	47.8	10	6.4	47.8	10	2.2	7.7	0.4	8.6	None	-	-	-	26	30	30	28	149	26.8	30	30	29	150
												11758	17	1	16.4	32.3	35	35	30	149	33.3	35	35	31	150
												13458	34	1	32.7	52.7	60	60	48	149	53.7	60	60	49	150

KL04 to KL14 standard indoor blower - without powered convenience outlet

Table 166: KL04 to KL14 standard indoor blower - without powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1](A)	Min fuse[2]/ breaker[3]size (A)	Max fuse[2]/ breaker [3]size (A)	Min disconnect[4] rating		MCA[1]w/pwr exh (amps)	Min fuse[2]/ breaker [3]size w/ pwr exh (A)	Max fuse[2]/ breaker[3]size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-1-60	14.6	90	23				2.8	6.6	1.5		None	-	-	-	27.7	30	40	28	92	29.2	30	40	29	95
												10625	4.9	1	23.6	37.8	40	40	35	92	39.6	40	40	36	95
												11125	7.9	1	38	55.8	60	60	51	92	57.6	60	60	53	95
	230-1-60	14.6	90	23				2.8	6	1.3		None	-	-	-	27.1	30	40	27	92	28.4	30	40	28	95
												10625	6.5	1	27.1	41.4	45	45	38	92	43	45	45	40	95
												11125	11	1	43.8	62.3	70	70	57	92	63.9	70	70	59	95
	208-3-6	9.9	82	15				2.8	6.6	1.1		None	-	-	-	21.8	25	30	22	84	22.9	25	30	23	87
												10625	4.9	1	13.6	25.3	30	30	23	84	26.6	30	30	24	87
												11125	7.9	1	21.9	35.6	40	40	33	84	37	40	40	34	87
												11625	12	1	33.3	49.9	50	50	46	84	51.3	60	60	47	87
	230-3-6	9.9	82	15				2.8	6	1		None	-	-	-	21.2	25	30	22	84	22.2	25	30	23	86
												10625	6.5	1	15.6	27	30	30	25	84	28.3	30	30	26	86
												11125	11	1	25.3	39.1	40	40	36	84	40.4	45	45	37	86
												11625	16	1	38.5	55.6	60	60	51	84	56.9	60	60	52	86
	460-3-60	4.8	44.3	8				1.6	3.2	0.5		None	-	-	-	10.8	15	15	11	46	11.3	15	15	12	47
												10646	6	1	7.2	13	15	15	12	46	13.6	15	15	13	47
												11146	12	1	13.8	21.3	25	25	20	46	21.9	25	25	20	47
												11446	14	1	16.8	25	25	25	23	46	25.6	30	30	24	47
	575-3-60	3.5	28.7	6				2.8	6	0.4		None	-	-	-	9.6	15	15	10	30	10	15	15	10	30
												11058	9.2	1	8.9	14.1	15	15	13	30	14.6	15	15	13	30
												11458	14	1	13.3	19.6	20	20	18	30	20.1	25	25	19	30
05 (4)	208-3-6	11.9	112	19				2.8	8.4	1.1		None	-	-	-	26.1	30	35	27	114	27.2	30	35	28	117
												10625	4.9	1	13.6	27.5	30	35	27	114	28.9	30	35	28	117
												11125	7.9	1	21.9	37.9	40	40	35	114	39.3	40	40	36	117
												11625	12	1	33.3	52.1	60	60	48	114	53.5	60	60	49	117
	230-3-6	11.9	112	19				2.8	7.6	1		None	-	-	-	25.3	30	35	26	114	26.3	30	35	27	116
												10625	6.5	1	15.6	29	30	35	27	114	30.3	35	35	28	116
												11125	11	1	25.3	41.1	45	45	38	114	42.4	45	45	39	116
												11625	16	1	38.5	57.6	60	60	53	114	58.9	60	60	54	116
	460-3-60	6.8	61.8	11				1.6	4	0.5		None	-	-	-	14.1	15	20	14	64	14.6	15	20	15	65
												10646	6	1	7.2	14.1	15	20	13	64	14.6	15	20	13	65
												11146	12	1	13.8	22.3	25	25	20	64	22.9	25	25	21	65
												11446	14	1	16.8	26	30	30	24	64	26.6	30	30	24	65
	575-3-60	4.8	39	8				2.8	7.6	0.4		None	-	-	-	11.8	15	15	12	40	12.2	15	15	13	41
												11058	9.2	1	8.9	14.9	15	15	14	40	15.4	20	20	14	41
												11458	14	1	13.3	20.4	25	25	19	40	20.9	25	25	19	41

Table 166: KL04 to KL14 standard indoor blower - without powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2] / breaker[3] size (A)	Max fuse[2] / breaker[3] size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[/2] / breaker[3] size w/ pwr exh (A)	Max fuse[2] / breaker[3] size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
06 (5)	208-3-6	14	150	22				2.8	8.4	1.1		None	-	-	-	28.7	30	40	29	152	29.8	30	40	30	155
												10625	4.9	1	13.6	28.7	30	40	29	152	29.8	30	40	30	155
												11125	7.9	1	21.9	37.9	40	40	35	152	39.3	40	40	36	155
												11625	12	1	33.3	52.1	60	60	48	152	53.5	60	60	49	155
	230-3-6	14	150	22				2.8	7.6	1		None	-	-	-	27.9	30	40	28	152	28.9	30	40	29	154
												10625	6.5	1	15.6	29	30	40	28	152	30.3	35	40	29	154
												11125	11	1	25.3	41.1	45	45	38	152	42.4	45	45	39	154
												11625	16	1	38.5	57.6	60	60	53	152	58.9	60	60	54	154
	460-3-60	6.3	58	10				1.6	4	0.5		None	-	-	-	13.5	15	15	14	60	14	15	15	14	61
												10646	6	1	7.2	14	15	15	13	60	14.6	15	15	13	61
												11146	12	1	13.8	22.3	25	25	20	60	22.9	25	25	21	61
												11446	14	1	16.8	26	30	30	24	60	26.6	30	30	24	61
	575-3-60	5.8	47.8	9				2.8	7.6	0.4		None	-	-	-	13.1	15	15	13	49	13.5	15	15	14	50
												11458	14	1	13.3	20.4	25	25	19	49	20.9	25	25	19	50
												12358	23	1	22.1	31.4	35	35	29	49	31.9	35	35	29	50
With VFD																									
08 (7.5)	208-3-6	11.9	112	19	12.8	103	20	2	9	1.1		None	-	-	-	40.9	45	50	43	284	43.1	45	50	46	289
												11725	12	1	33.3	52.9	60	60	49	284	55.6	60	60	51	289
												12525	19	1	51.6	75.8	80	80	70	284	78.5	80	80	72	289
												13225	24	1	66.6	94.5	100	100	87	284	97.3	100	100	89	289
												14225	32	2	88.3	121.6	125	125	112	284	124.4	125	125	114	289
	230-3-6	11.9	112	19	12.8	103	20	2.3	9	1		None	-	-	-	41.5	45	50	44	286	43.5	45	50	46	291
												11725	16	1	38.5	59.4	60	60	55	286	61.9	70	70	57	291
												12525	25	1	59.7	85.9	90	90	79	286	88.4	90	90	81	291
												13225	32	1	77	107.5	110	110	99	286	110	110	110	101	291
												14225	42	2	102	138.8	150	150	128	286	141.3	150	150	130	291
	460-3-60	6.8	61.8	11	5.8	50	9	1.3	4.6	0.5		None	-	-	-	21.5	25	25	23	149	22.5	25	25	24	151
												11746	17	1	19.8	30.5	35	35	28	149	31.8	35	35	29	151
												12846	28	1	33.4	47.5	50	50	44	149	48.8	50	50	45	151
												13346	33	1	39.7	55.4	60	60	51	149	56.6	60	60	52	151
												14246	42	2	50.2	68.5	70	70	63	149	69.8	70	70	64	151
	575-3-60	4.8	39	8	5.1	41	8	1	3.5	0.4		None	-	-	-	16.7	20	20	18	102	17.5	20	20	19	104
												11758	17	1	16.4	24.9	25	25	23	102	25.9	30	30	24	104
												13458	34	1	32.7	45.3	50	50	42	102	46.3	50	50	43	104
09 (8.5)	208-3-6	11.9	112	19	12.8	120	20	2	9	1.1		None	-	-	-	40.9	45	50	43	301	43.1	45	50	46	306
												11725	12	1	33.3	52.9	60	60	49	301	55.6	60	60	51	306
												12525	19	1	51.6	75.8	80	80	70	301	78.5	80	80	72	306
												13225	24	1	66.6	94.5	100	100	87	301	97.3	100	100	89	306
												14225	32	2	88.3	121.6	125	125	112	301	124.4	125	125	114	306
	230-3-6	11.9	112	19	12.8	120	20	2.3	9	1		None	-	-	-	41.5	45	50	44	304	43.5	45	50	46	309
												11725	16	1	38.5	59.4	60	60	55	304	61.9	70	70	57	309
												12525	25	1	59.7	85.9	90	90	79	304	88.4	90	90	81	309
												13225	32	1	77	107.5	110	110	99	304	110	110	110	101	309
												14225	42	2	102	138.8	150	150	128	304	141.3	150	150	130	309
	460-3-60	6.8	61.8	11	6	49.4	9	1.3	4.6	0.5		None	-	-	-	21.7	25	25	23	148	22.7	25	25	24	150
												11746	17	1	19.8	30.5	35	35	28	148	31.8	35	35	29	150
												12846	28	1	33.4	47.5	50	50	44	148	48.8	50	50	45	150
												13346	33	1	39.7	55.4	60	60	51	148	56.6	60	60	52	150
												14246	42	2	50.2	68.5	70	70	63	148	69.8	70	70	64	150
	575-3-60	4.8	39	8	5.8	41	9	1	3.5	0.4		None	-	-	-	17.6	20	20	19	102	18.4	20	20	19	104
												11758	17	1	16.4	24.9	25	25	23	102	25.9	30	30	24	104
												13458	34	1	32.7	45.3	50	50	42	102	46.3	50	50	43	104

Table 166: KL04 to KL14 standard indoor blower - without powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2] / breaker[3] size (A)	Max fuse[2] / breaker [3] size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse/[2] / breaker [3] size w/ pwr exh (A)	Max fuse[2] / breaker[3] size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
12 (10)	208-3-6	13.8	150	22	16	156	25	5.8	9	1.1		None	-	-	-	48.6	50	60	51	389	50.8	60	60	54	394
												11725	12	1	33.3	52.9	60	60	51	389	55.6	60	60	54	394
												12525	19	1	51.6	75.8	80	80	70	389	78.5	80	80	72	394
												13225	24	1	66.6	94.5	100	100	87	389	97.3	100	100	89	394
												14225	32	2	88.3	121.6	125	125	112	389	124.4	125	125	114	394
	230-3-6	13.8	150	22	16	156	25	5.2	9	1		None	-	-	-	48	50	60	51	387	50	50	60	53	392
												11725	16	1	38.5	59.4	60	60	55	387	61.9	70	70	57	392
												12525	25	1	59.7	85.9	90	90	79	387	88.4	90	90	81	392
												13225	32	1	77	107.5	110	110	99	387	110	110	110	101	392
												14225	42	2	102	138.8	150	150	128	387	141.3	150	150	130	392
	460-3-60	6.9	58	11	7.1	69	11	2.9	4.6	0.5		None	-	-	-	23.3	25	30	25	169	24.3	25	30	26	171
												11746	17	1	19.8	30.5	35	35	28	169	31.8	35	35	29	171
												12846	28	1	33.4	47.5	50	50	44	169	48.8	50	50	45	171
												13346	33	1	39.7	55.4	60	60	51	169	56.6	60	60	52	171
												14246	42	2	50.2	68.5	70	70	63	169	69.8	70	70	64	171
	575-3-60	5.8	47.8	9	6.4	47.8	10	2.2	3.5	0.4		None	-	-	-	19.5	20	25	21	125	20.3	25	25	22	126
												11758	17	1	16.4	24.9	25	25	23	125	25.9	30	30	24	126
												13458	34	1	32.7	45.3	50	50	42	125	46.3	50	50	43	126
14 (12.5)	208-3-6	19.2	162	30	21.2	157	33	5.8	13.2	1.1		None	-	-	-	64.7	70	80	68	418	66.9	70	80	71	423
												11725	12	1	33.3	64.7	70	80	68	418	66.9	70	80	71	423
												12525	19	1	51.6	81	90	90	75	418	83.8	90	90	77	423
												13225	24	1	66.6	99.8	100	100	92	418	102.5	110	110	94	423
												14225	32	2	88.3	126.9	150	150	117	418	129.6	150	150	119	423
	230-3-6	19.2	162	30	21.2	157	33	5.2	13.2	1		None	-	-	-	64.1	70	80	68	417	66.1	70	80	70	421
												11725	16	1	38.5	64.6	70	80	68	417	67.1	70	80	70	421
												12525	25	1	59.7	91.1	100	100	84	417	93.6	100	100	86	421
												13225	32	1	77	112.8	125	125	104	417	115.3	125	125	106	421
												14225	42	2	102	144	150	150	132	417	146.5	150	150	135	421
	460-3-60	9.1	70.8	14	9.1	74.8	14	2.9	6.1	0.5		None	-	-	-	29.5	30	35	31	191	30.5	35	35	32	193
												11746	17	1	19.8	32.4	35	35	30	191	33.6	35	35	31	193
												12846	28	1	33.4	49.4	50	50	45	191	50.6	60	60	47	193
												13346	33	1	39.7	57.3	60	60	53	191	58.5	60	60	54	193
												14246	42	2	50.2	70.4	80	80	65	191	71.6	80	80	66	193
	575-3-60	6.2	58.2	10	7.7	47.8	12	2.2	4.9	0.4		None	-	-	-	22.9	25	30	24	143	23.7	25	30	25	145
												11758	17	1	16.4	26.6	30	30	24	143	27.6	30	30	25	145
												13458	34	1	32.7	47	50	50	43	143	48	50	50	44	145

KL04 to KL14 standard indoor blower - with powered convenience outlet

Table 167: KL04 to KL14 standard indoor blower - with powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1](A)	Min fuse[2]/ breaker[3]size (A)	Max fuse[2]/ breaker [3]size (A)	Min disconnect[4] rating		MCA[1]w/pwr exh (amps)	Min fuse[2]/ breaker [3]size w/ pwr exh (A)	Max fuse[2]/ breaker[3]size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-1-60	14.6	90	23				2.8	6.6	1.5	8.6	None	-	-	-	32	35	45	33	96	33.5	35	45	34	100
												10625	4.9	1	23.6	43.1	45	45	40	96	45	45	45	41	100
												11125	7.9	1	38	61.1	70	70	56	96	63	70	70	58	100
	230-1-60	14.6	90	23				2.8	6	1.3	8.6	None	-	-	-	31.4	35	45	32	96	32.7	35	45	33	99
												10625	6.5	1	27.1	46.8	50	50	43	96	48.4	50	50	45	99
												11125	11	1	43.8	67.6	70	70	62	96	69.3	70	70	64	99
	208-3-6	9.9	82	15				2.8	6.6	1.1	8.6	None	-	-	-	26.1	30	35	27	88	27.2	30	35	28	91
												10625	4.9	1	13.6	30.6	35	35	28	88	32	35	35	29	91
												11125	7.9	1	21.9	41	45	45	38	88	42.4	45	45	39	91
												11625	12	1	33.3	55.3	60	60	51	88	56.6	60	60	52	91
	230-3-6	9.9	82	15				2.8	6	1	8.6	None	-	-	-	25.5	30	35	26	88	26.5	30	35	28	91
												10625	6.5	1	15.6	32.4	35	35	30	88	33.6	35	35	31	91
												11125	11	1	25.3	44.5	45	45	41	88	45.8	50	50	42	91
												11625	16	1	38.5	61	70	70	56	88	62.3	70	70	57	91
	460-3-60	4.8	44.3	8				1.6	3.2	0.5	8.6	None	-	-	-	13	15	15	14	48	13.5	15	15	14	50
												10646	6	1	7.2	15.7	20	20	14	48	16.3	20	20	15	50
												11146	12	1	13.8	23.9	25	25	22	48	24.6	25	25	23	50
												11446	14	1	16.8	27.7	30	30	25	48	28.3	30	30	26	50
	575-3-60	3.5	28.7	6				2.8	6	0.4	8.6	None	-	-	-	11.3	15	15	12	31	11.7	15	15	12	32
												11058	9.2	1	8.9	16.3	20	20	15	31	16.8	20	20	15	32
												11458	14	1	13.3	21.8	25	25	20	31	22.3	25	25	20	32
05 (4)	208-3-6	11.9	112	19				2.8	8.4	1.1	8.6	None	-	-	-	30.4	35	40	32	118	31.5	35	40	33	121
												10625	4.9	1	13.6	32.9	35	40	32	118	34.3	35	40	33	121
												11125	7.9	1	21.9	43.3	45	45	40	118	44.6	45	45	41	121
												11625	12	1	33.3	57.5	60	60	53	118	58.9	60	60	54	121
	230-3-6	11.9	112	19				2.8	7.6	1	8.6	None	-	-	-	29.6	30	40	31	118	30.6	35	40	32	121
												10625	6.5	1	15.6	34.4	35	40	32	118	35.6	40	40	33	121
												11125	11	1	25.3	46.5	50	50	43	118	47.8	50	50	44	121
												11625	16	1	38.5	63	70	70	58	118	64.3	70	70	59	121
	460-3-60	6.8	61.8	11				1.6	4	0.5	8.6	None	-	-	-	16.3	20	20	17	66	16.8	20	20	17	67
												10646	6	1	7.2	16.7	20	20	15	66	17.3	20	20	16	67
												11146	12	1	13.8	24.9	25	25	23	66	25.6	30	30	24	67
												11446	14	1	16.8	28.7	30	30	26	66	29.3	30	30	27	67
	575-3-60	4.8	39	8				2.8	7.6	0.4	8.6	None	-	-	-	13.6	15	15	14	42	14	15	15	15	42
												11058	9.2	1	8.9	17.1	20	20	16	42	17.6	20	20	16	42
												11458	14	1	13.3	22.6	25	25	21	42	23.1	25	25	21	42

Table 167: KL04 to KL14 standard indoor blower - with powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2] / breaker[3] size (A)	Max fuse[2] / breaker[3] size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[/2] / breaker[3] size w/ pwr exh (A)	Max fuse[2] / breaker[2] size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
06 (5)	208-3-6	14	150	22				2.8	8.4	1.1	8.6	None	-	-	-	33	35	45	34	156	34.1	35	45	35	159
												10625	4.9	1	13.6	33	35	45	34	156	34.3	35	45	35	159
												11125	7.9	1	21.9	43.3	45	45	40	156	44.6	45	45	41	159
												11625	12	1	33.3	57.5	60	60	53	156	58.9	60	60	54	159
	230-3-6	14	150	22				2.8	7.6	1	8.6	None	-	-	-	32.2	35	45	33	156	33.2	35	45	34	159
												10625	6.5	1	15.6	34.4	35	45	33	156	35.6	40	45	34	159
												11125	11	1	25.3	46.5	50	50	43	156	47.8	50	50	44	159
												11625	16	1	38.5	63	70	70	58	156	64.3	70	70	59	159
	460-3-60	6.3	58	10				1.6	4	0.5	8.6	None	-	-	-	15.7	20	20	16	62	16.2	20	20	17	63
												10646	6	1	7.2	16.7	20	20	15	62	17.3	20	20	16	63
												11146	12	1	13.8	24.9	25	25	23	62	25.6	30	30	24	63
												11446	14	1	16.8	28.7	30	30	26	62	29.3	30	30	27	63
	575-3-60	5.8	47.8	9				2.8	7.6	0.4	8.6	None	-	-	-	14.9	15	20	15	50	15.3	20	20	16	51
												11458	14	1	13.3	22.6	25	25	21	50	23.1	25	25	21	51
												12358	23	1	22.1	33.6	35	35	31	50	34.1	35	35	31	51
With VFD																									
08 (7.5)	208-3-6	11.9	112	19	12.8	103	20	2	9	1.1	8.6	None	-	-	-	45.2	50	50	48	288	47.4	50	50	51	293
												11725	12	1	33.3	58.3	60	60	54	288	61	70	70	56	293
												12525	19	1	51.6	81.1	90	90	75	288	83.9	90	90	77	293
												13225	24	1	66.6	99.9	100	100	92	288	102.6	110	110	94	293
												14225	32	2	88.3	127	150	150	117	288	129.8	150	150	119	293
	230-3-6	11.9	112	19	12.8	103	20	2.3	9	1	8.6	None	-	-	-	45.8	50	50	49	291	47.8	50	60	51	295
												11725	16	1	38.5	64.8	70	70	60	291	67.3	70	70	62	295
												12525	25	1	59.7	91.3	100	100	84	291	93.8	100	100	86	295
												13225	32	1	77	112.9	125	125	104	291	115.4	125	125	106	295
												14225	42	2	102	144.1	150	150	133	291	146.6	150	150	135	295
	460-3-60	6.8	61.8	11	5.8	50	9	1.3	4.6	0.5	8.6	None	-	-	-	23.7	25	30	25	151	24.7	25	30	26	153
												11746	17	1	19.8	33.2	35	35	31	151	34.4	35	35	32	153
												12846	28	1	33.4	50.2	60	60	46	151	51.4	60	60	47	153
												13346	33	1	39.7	58.1	60	60	53	151	59.3	60	60	55	153
												14246	42	2	50.2	71.2	80	80	65	151	72.4	80	80	67	153
	575-3-60	4.8	39	8	5.1	41	8	1	3.5	0.4	8.6	None	-	-	-	18.4	20	20	20	104	19.2	20	20	21	106
												11758	17	1	16.4	27	30	30	25	104	28	30	30	26	106
												13458	34	1	32.7	47.4	50	50	44	104	48.4	50	50	45	106
09 (8.5)	208-3-6	11.9	112	19	12.8	120	20	2	9	1.1	8.6	None	-	-	-	45.2	50	50	48	306	47.4	50	50	51	311
												11725	12	1	33.3	58.3	60	60	54	306	61	70	70	56	311
												12525	19	1	51.6	81.1	90	90	75	306	83.9	90	90	77	311
												13225	24	1	66.6	99.9	100	100	92	306	102.6	110	110	94	311
												14225	32	2	88.3	127	150	150	117	306	129.8	150	150	119	311
	230-3-6	11.9	112	19	12.8	120	20	2.3	9	1	8.6	None	-	-	-	45.8	50	50	49	308	47.8	50	60	51	313
												11725	16	1	38.5	64.8	70	70	60	308	67.3	70	70	62	313
												12525	25	1	59.7	91.3	100	100	84	308	93.8	100	100	86	313
												13225	32	1	77	112.9	125	125	104	308	115.4	125	125	106	313
												14225	42	2	102	144.1	150	150	133	308	146.6	150	150	135	313
	460-3-60	6.8	61.8	11	6	49.4	9	1.3	4.6	0.5	8.6	None	-	-	-	23.9	25	30	26	150	24.9	25	30	27	152
												11746	17	1	19.8	33.2	35	35	31	150	34.4	35	35	32	152
												12846	28	1	33.4	50.2	60	60	46	150	51.4	60	60	47	152
												13346	33	1	39.7	58.1	60	60	53	150	59.3	60	60	55	152
												14246	42	2	50.2	71.2	80	80	65	150	72.4	80	80	67	152
	575-3-60	4.8	39	8	5.8	41	9	1	3.5	0.4	8.6	None	-	-	-	19.3	20	25	20	104	20.1	25	25	21	106
												11758	17	1	16.4	27	30	30	25	104	28	30	30	26	106
												13458	34	1	32.7	47.4	50	50	44	104	48.4	50	50	45	106

Table 167: KL04 to KL14 standard indoor blower - with powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2] / breaker[3] size (A)	Max fuse[2] / breaker[3] size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[2] / breaker[3] size w/ pwr exh (A)	Max fuse[2] / breaker[3] size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
12 (10)	208-3-6	13.8	150	22	16	156	25	5.8	9	1.1	8.6	None	-	-	-	52.9	60	60	56	393	55.1	60	70	59	398
												11725	12	1	33.3	58.3	60	60	56	393	61	70	70	59	398
												12525	19	1	51.6	81.1	90	90	75	393	83.9	90	90	77	398
												13225	24	1	66.6	99.9	100	100	92	393	102.6	110	110	94	398
												14225	32	2	88.3	127	150	150	117	393	129.8	150	150	119	398
	230-3-6	13.8	150	22	16	156	25	5.2	9	1	8.6	None	-	-	-	52.3	60	60	56	392	54.3	60	70	58	396
												11725	16	1	38.5	64.8	70	70	60	392	67.3	70	70	62	396
												12525	25	1	59.7	91.3	100	100	84	392	93.8	100	100	86	396
												13225	32	1	77	112.9	125	125	104	392	115.4	125	125	106	396
												14225	42	2	102	144.1	150	150	133	392	146.6	150	150	135	396
	460-3-60	6.9	58	11	7.1	69	11	2.9	4.6	0.5	8.6	None	-	-	-	25.5	30	30	27	171	26.5	30	30	28	173
												11746	17	1	19.8	33.2	35	35	31	171	34.4	35	35	32	173
												12846	28	1	33.4	50.2	60	60	46	171	51.4	60	60	47	173
												13346	33	1	39.7	58.1	60	60	53	171	59.3	60	60	55	173
												14246	42	2	50.2	71.2	80	80	65	171	72.4	80	80	67	173
	575-3-60	5.8	47.8	9	6.4	47.8	10	2.2	3.5	0.4	8.6	None	-	-	-	21.2	25	25	23	126	22	25	25	23	128
												11758	17	1	16.4	27	30	30	25	126	28	30	30	26	128
												13458	34	1	32.7	47.4	50	50	44	126	48.4	50	50	45	128
14 (12.5)	208-3-6	19.2	162	30	21.2	157	33	5.8	13.2	1.1	8.6	None	-	-	-	69	70	90	73	422	71.2	80	90	76	427
												11725	12	1	33.3	69	70	90	73	422	71.2	80	90	76	427
												12525	19	1	51.6	86.4	90	90	79	422	89.1	90	90	82	427
												13225	24	1	66.6	105.1	110	110	97	422	107.9	110	110	99	427
												14225	32	2	88.3	132.3	150	150	122	422	135	150	150	124	427
	230-3-6	19.2	162	30	21.2	157	33	5.2	13.2	1	8.6	None	-	-	-	68.4	70	80	73	421	70.4	80	90	75	426
												11725	16	1	38.5	70	70	80	73	421	72.5	80	90	75	426
												12525	25	1	59.7	96.5	100	100	89	421	99	100	100	91	426
												13225	32	1	77	118.1	125	125	109	421	120.6	125	125	111	426
												14225	42	2	102	149.4	150	150	137	421	151.9	175	175	140	426
	460-3-60	9.1	70.8	14	9.1	74.8	14	2.9	6.1	0.5	8.6	None	-	-	-	31.7	35	40	34	193	32.7	35	40	35	195
												11746	17	1	19.8	35.1	40	40	32	193	36.3	40	40	33	195
												12846	28	1	33.4	52.1	60	60	48	193	53.3	60	60	49	195
												13346	33	1	39.7	59.9	60	60	55	193	61.2	70	70	56	195
												14246	42	2	50.2	73.1	80	80	67	193	74.3	80	80	68	195
	575-3-60	6.2	58.2	10	7.7	47.8	12	2.2	4.9	0.4	8.6	None	-	-	-	24.6	25	30	26	145	25.4	30	30	27	147
												11758	17	1	16.4	28.8	30	30	26	145	29.8	30	30	27	147
												13458	34	1	32.7	49.2	50	50	45	145	50.2	60	60	46	147

KL04 to KL14 medium indoor blower - without powered convenience outlet

Table 168: KL04 to KL14 medium indoor blower - without powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1](A)	Min fuse[2]/ breaker[3]size (A)	Max fuse[2]/ breaker [3]size (A)	Min disconnect[4] rating		MCA[1]w/pwr exh (amps)	Min fuse[2]/ breaker [3]size w/ pwr exh (A)	Max fuse[2]/ breaker[3]size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-1-60	14.6	90	23				2.8	16.5	1.5		None	-	-	-	37.6	40	50	39	150	39.1	40	50	41	154
												10625	4.9	1	23.6	50.1	60	60	46	150	52	60	60	48	154
												11125	7.9	1	38	68.1	70	70	63	150	70	80	80	64	154
	230-1-60	14.6	90	23				2.8	16.5	1.3		None	-	-	-	37.6	40	50	39	152	38.9	40	50	40	155
												10625	6.5	1	27.1	54.5	60	60	50	152	56.1	60	60	52	155
												11125	11	1	43.8	75.4	80	80	69	152	77	80	80	71	155
	208-3-6	9.9	82	15				2.8	9	1.1		None	-	-	-	24.2	25	30	25	142	25.3	30	35	26	145
												10625	4.9	1	13.6	28.3	30	30	26	142	29.6	30	35	27	145
												11125	7.9	1	21.9	38.6	40	40	36	142	40	45	45	37	145
												11625	12	1	33.3	52.9	60	60	49	142	54.3	60	60	50	145
	230-3-6	9.9	82	15				2.8	9	1		None	-	-	-	24.2	25	30	25	144	25.2	30	35	26	146
												10625	6.5	1	15.6	30.8	35	35	28	144	32	35	35	29	146
												11125	11	1	25.3	42.9	45	45	39	144	44.1	45	45	41	146
												11625	16	1	38.5	59.4	60	60	55	144	60.6	70	70	56	146
	460-3-60	4.8	44.3	8				1.6	4.6	0.5		None	-	-	-	12.2	15	15	13	75	12.7	15	15	13	76
												10646	6	1	7.2	14.8	15	15	14	75	15.4	20	20	14	76
												11146	12	1	13.8	23	25	25	21	75	23.6	25	25	22	76
												11446	14	1	16.8	26.8	30	30	25	75	27.4	30	30	25	76
	575-3-60	3.5	28.7	6				2.8	3.5	0.4		None	-	-	-	10.7	15	15	11	46	11.1	15	15	12	47
												11058	9.2	1	8.9	15.5	20	20	14	46	16	20	20	15	47
												11458	14	1	13.3	21	25	25	19	46	21.5	25	25	20	47
05 (4)	208-3-6	11.9	112	19				2.8	9	1.1		None	-	-	-	26.7	30	35	27	172	27.8	30	35	29	175
												10625	4.9	1	13.6	28.3	30	35	27	172	29.6	30	35	29	175
												11125	7.9	1	21.9	38.6	40	40	36	172	40	45	45	37	175
												11625	12	1	33.3	52.9	60	60	49	172	54.3	60	60	50	175
	230-3-6	11.9	112	19				2.8	9	1		None	-	-	-	26.7	30	35	27	174	27.7	30	35	28	176
												10625	6.5	1	15.6	30.8	35	35	28	174	32	35	35	29	176
												11125	11	1	25.3	42.9	45	45	39	174	44.1	45	45	41	176
												11625	16	1	38.5	59.4	60	60	55	174	60.6	70	70	56	176
	460-3-60	6.8	61.8	11				1.6	4.6	0.5		None	-	-	-	14.7	15	20	15	93	15.2	20	20	16	94
												10646	6	1	7.2	14.8	15	20	14	93	15.4	20	20	14	94
												11146	12	1	13.8	23	25	25	21	93	23.6	25	25	22	94
												11446	14	1	16.8	26.8	30	30	25	93	27.4	30	30	25	94
	575-3-60	4.8	39	8				2.8	3.5	0.4		None	-	-	-	12.3	15	15	13	57	12.7	15	15	13	58
												11058	9.2	1	8.9	15.5	20	20	14	57	16	20	20	15	58
												11458	14	1	13.3	21	25	25	19	57	21.5	25	25	20	58

Table 168: KL04 to KL14 medium indoor blower - without powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2] / breaker[3] size (A)	Max fuse[2] / breaker[3] size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse/[2] / breaker[3] size w/ pwr exh (A)	Max fuse[2] / breaker[3] size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
06 (5)	208-3-6	14	150	22				2.8	13.2	1.1		None	-	-	-	33.5	35	45	35	210	34.6	35	45	36	213
												10625	4.9	1	13.6	33.5	35	45	35	210	34.9	35	45	36	213
												11125	7.9	1	21.9	43.9	45	50	40	210	45.3	50	50	42	213
												11625	12	1	33.3	58.1	60	60	53	210	59.5	60	60	55	213
	230-3-6	14	150	22				2.8	13.2	1		None	-	-	-	33.5	35	45	35	212	34.5	35	45	36	214
												10625	6.5	1	15.6	36	40	45	35	212	37.3	40	45	36	214
												11125	11	1	25.3	48.1	50	50	44	212	49.4	50	50	45	214
												11625	16	1	38.5	64.6	70	70	59	212	65.9	70	70	61	214
	460-3-60	6.3	58	10				1.6	6.1	0.5		None	-	-	-	15.6	20	20	16	89	16.1	20	20	17	90
												10646	6	1	7.2	16.6	20	20	15	89	17.3	20	20	16	90
												11146	12	1	13.8	24.9	25	25	23	89	25.5	30	30	23	90
												11446	14	1	16.8	28.6	30	30	26	89	29.3	30	30	27	90
	575-3-60	5.8	47.8	9				2.8	4.9	0.4		None	-	-	-	15	20	20	16	66	15.4	20	20	16	66
												11458	14	1	13.3	22.8	25	25	21	66	23.3	25	25	21	66
												12358	23	1	22.1	33.8	35	35	31	66	34.3	35	35	32	66
With VFD																									
08 (7.5)	208-3-6	11.9	112	19	12.8	103	20	2	9	1.1		None	-	-	-	40.9	45	50	43	284	43.1	45	50	46	289
												11725	12	1	33.3	52.9	60	60	49	284	55.6	60	60	51	289
												12525	19	1	51.6	75.8	80	80	70	284	78.5	80	80	72	289
												13225	24	1	66.6	94.5	100	100	87	284	97.3	100	100	89	289
												14225	32	2	88.3	121.6	125	125	112	284	124.4	125	125	114	289
	230-3-6	11.9	112	19	12.8	103	20	2.3	9	1		None	-	-	-	41.5	45	50	44	286	43.5	45	50	46	291
												11725	16	1	38.5	59.4	60	60	55	286	61.9	70	70	57	291
												12525	25	1	59.7	85.9	90	90	79	286	88.4	90	90	81	291
												13225	32	1	77	107.5	110	110	99	286	110	110	110	101	291
												14225	42	2	102	138.8	150	150	128	286	141.3	150	150	130	291
	460-3-60	6.8	61.8	11	5.8	50	9	1.3	4.6	0.5		None	-	-	-	21.5	25	25	23	149	22.5	25	25	24	151
												11746	17	1	19.8	30.5	35	35	28	149	31.8	35	35	29	151
												12846	28	1	33.4	47.5	50	50	44	149	48.8	50	50	45	151
												13346	33	1	39.7	55.4	60	60	51	149	56.6	60	60	52	151
												14246	42	2	50.2	68.5	70	70	63	149	69.8	70	70	64	151
	575-3-60	4.8	39	8	5.1	41	8	1	3.5	0.4		None	-	-	-	16.7	20	20	18	102	17.5	20	20	19	104
												11758	17	1	16.4	24.9	25	25	23	102	25.9	30	30	24	104
												13458	34	1	32.7	45.3	50	50	42	102	46.3	50	50	43	104
09 (8.5)	208-3-6	11.9	112	19	12.8	120	20	2	9	1.1		None	-	-	-	40.9	45	50	43	301	43.1	45	50	46	306
												11725	12	1	33.3	52.9	60	60	49	301	55.6	60	60	51	306
												12525	19	1	51.6	75.8	80	80	70	301	78.5	80	80	72	306
												13225	24	1	66.6	94.5	100	100	87	301	97.3	100	100	89	306
												14225	32	2	88.3	121.6	125	125	112	301	124.4	125	125	114	306
	230-3-6	11.9	112	19	12.8	120	20	2.3	9	1		None	-	-	-	41.5	45	50	44	304	43.5	45	50	46	309
												11725	16	1	38.5	59.4	60	60	55	304	61.9	70	70	57	309
												12525	25	1	59.7	85.9	90	90	79	304	88.4	90	90	81	309
												13225	32	1	77	107.5	110	110	99	304	110	110	110	101	309
												14225	42	2	102	138.8	150	150	128	304	141.3	150	150	130	309
	460-3-60	6.8	61.8	11	6	49.4	9	1.3	4.6	0.5		None	-	-	-	21.7	25	25	23	148	22.7	25	25	24	150
												11746	17	1	19.8	30.5	35	35	28	148	31.8	35	35	29	150
												12846	28	1	33.4	47.5	50	50	44	148	48.8	50	50	45	150
												13346	33	1	39.7	55.4	60	60	51	148	56.6	60	60	52	150
												14246	42	2	50.2	68.5	70	70	63	148	69.8	70	70	64	150
	575-3-60	4.8	39	8	5.8	41	9	1	3.5	0.4		None	-	-	-	17.6	20	20	19	102	18.4	20	20	19	104
												11758	17	1	16.4	24.9	25	25	23	102	25.9	30	30	24	104
												13458	34	1	32.7	45.3	50	50	42	102	46.3	50	50	43	104

Table 168: KL04 to KL14 medium indoor blower - without powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2] / breaker[3] size (A)	Max fuse[2] / breaker [3]size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse/[2] / breaker [3]size w/ pwr exh (A)	Max fuse[2] / breaker[2] size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
12 (10)	208-3-6	13.8	150	22	16	156	25	5.8	13.2	1.1		None	-	-	-	52.8	60	60	56	401	55	60	60	59	406
												11725	12	1	33.3	58.1	60	60	56	401	60.9	70	70	59	406
												12525	19	1	51.6	81	90	90	75	401	83.8	90	90	77	406
												13225	24	1	66.6	99.8	100	100	92	401	102.5	110	110	94	406
												14225	32	2	88.3	126.9	150	150	117	401	129.6	150	150	119	406
	230-3-6	13.8	150	22	16	156	25	5.2	13.2	1		None	-	-	-	52.2	60	60	55	406	54.2	60	70	58	411
												11725	16	1	38.5	64.6	70	70	59	406	67.1	70	70	62	411
												12525	25	1	59.7	91.1	100	100	84	406	93.6	100	100	86	411
												13225	32	1	77	112.8	125	125	104	406	115.3	125	125	106	411
												14225	42	2	102	144	150	150	132	406	146.5	150	150	135	411
	460-3-60	6.9	58	11	7.1	69	11	2.9	6.1	0.5		None	-	-	-	24.8	25	30	26	178	25.8	30	30	28	181
												11746	17	1	19.8	32.4	35	35	30	178	33.6	35	35	31	181
												12846	28	1	33.4	49.4	50	50	45	178	50.6	60	60	47	181
												13346	33	1	39.7	57.3	60	60	53	178	58.5	60	60	54	181
												14246	42	2	50.2	70.4	80	80	65	178	71.6	80	80	66	181
	575-3-60	5.8	47.8	9	6.4	47.8	10	2.2	7.7	0.4		None	-	-	-	23.7	25	30	25	147	24.5	25	30	26	149
												11758	17	1	16.4	30.1	35	35	28	147	31.1	35	35	29	149
												13458	34	1	32.7	50.5	60	60	46	147	51.5	60	60	47	149
14 (12.5)	208-3-6	19.2	162	30	21.2	157	33	5.8	13.2	1.1		None	-	-	-	64.7	70	80	68	413	66.9	70	80	71	418
												11725	12	1	33.3	64.7	70	80	68	413	66.9	70	80	71	418
												12525	19	1	51.6	81	90	90	75	413	83.8	90	90	77	418
												13225	24	1	66.6	99.8	100	100	92	413	102.5	110	110	94	418
												14225	32	2	88.3	126.9	150	150	117	413	129.6	150	150	119	418
	230-3-6	19.2	162	30	21.2	157	33	5.2	13.2	1		None	-	-	-	64.1	70	80	68	418	66.1	70	80	70	423
												11725	16	1	38.5	64.6	70	80	68	418	67.1	70	80	70	423
												12525	25	1	59.7	91.1	100	100	84	418	93.6	100	100	86	423
												13225	32	1	77	112.8	125	125	104	418	115.3	125	125	106	423
												14225	42	2	102	144	150	150	132	418	146.5	150	150	135	423
	460-3-60	9.1	70.8	14	9.1	74.8	14	2.9	6.1	0.5		None	-	-	-	29.5	30	35	31	197	30.5	35	35	32	199
												11746	17	1	19.8	32.4	35	35	30	197	33.6	35	35	31	199
												12846	28	1	33.4	49.4	50	50	45	197	50.6	60	60	47	199
												13346	33	1	39.7	57.3	60	60	53	197	58.5	60	60	54	199
												14246	42	2	50.2	70.4	80	80	65	197	71.6	80	80	66	199
	575-3-60	6.2	58.2	10	7.7	47.8	12	2.2	7.7	0.4		None	-	-	-	25.7	30	30	27	157	26.5	30	30	28	159
												11758	17	1	16.4	30.1	35	35	28	157	31.1	35	35	29	159
												13458	34	1	32.7	50.5	60	60	46	157	51.5	60	60	47	159

KL04 to KL14 medium indoor blower - with powered convenience outlet

Table 169: KL04 to KL14 medium indoor blower - with powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1](A)	Min fuse[2]/ breaker[3]size (A)	Max fuse[2]/ breaker [3]size (A)	Min disconnect[4] rating		MCA[1]w/pwr exh (amps)	Min fuse[2]/ breaker [3]size w/ pwr exh (A)	Max fuse[2]/ breaker[3]size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-1-60	14.6	90	23				2.8	16.5	1.5	8.6	None	-	-	-	41.9	45	50	44	154	43.4	45	50	46	158
												10625	4.9	1	23.6	55.5	60	60	51	154	57.4	60	60	53	158
												11125	7.9	1	38	73.5	80	80	68	154	75.4	80	80	69	158
	230-1-60	14.6	90	23				2.8	16.5	1.3	8.6	None	-	-	-	41.9	45	50	44	156	43.2	45	50	45	159
												10625	6.5	1	27.1	59.9	60	60	55	156	61.5	70	70	57	159
												11125	11	1	43.8	80.8	90	90	74	156	82.4	90	90	76	159
	208-3-6	9.9	82	15				2.8	9	1.1	8.6	None	-	-	-	28.5	30	35	30	146	29.6	30	35	31	149
												10625	4.9	1	13.6	33.6	35	35	31	146	35	35	35	32	149
												11125	7.9	1	21.9	44	45	45	40	146	45.4	50	50	42	149
												11625	12	1	33.3	58.3	60	60	54	146	59.6	60	60	55	149
	230-3-6	9.9	82	15				2.8	9	1	8.6	None	-	-	-	28.5	30	35	30	148	29.5	30	35	31	150
												10625	6.5	1	15.6	36.1	40	40	33	148	37.4	40	40	34	150
												11125	11	1	25.3	48.3	50	50	44	148	49.5	50	50	46	150
												11625	16	1	38.5	64.8	70	70	60	148	66	70	70	61	150
	460-3-60	4.8	44.3	8				1.6	4.6	0.5	8.6	None	-	-	-	14.4	15	15	15	77	14.9	15	15	16	78
												10646	6	1	7.2	17.4	20	20	16	77	18.1	20	20	17	78
												11146	12	1	13.8	25.7	30	30	24	77	26.3	30	30	24	78
												11446	14	1	16.8	29.4	30	30	27	77	30.1	35	35	28	78
	575-3-60	3.5	28.7	6				2.8	3.5	0.4	8.6	None	-	-	-	12.4	15	15	13	48	12.8	15	15	14	49
												11058	9.2	1	8.9	17.7	20	20	16	48	18.2	20	20	17	49
												11458	14	1	13.3	23.2	25	25	21	48	23.7	25	25	22	49
05 (4)	208-3-6	11.9	112	19				2.8	9	1.1	8.6	None	-	-	-	31	35	40	32	176	32.1	35	40	33	179
												10625	4.9	1	13.6	33.6	35	40	32	176	35	35	40	33	179
												11125	7.9	1	21.9	44	45	45	40	176	45.4	50	50	42	179
												11625	12	1	33.3	58.3	60	60	54	176	59.6	60	60	55	179
	230-3-6	11.9	112	19				2.8	9	1	8.6	None	-	-	-	31	35	40	32	178	32	35	40	33	180
												10625	6.5	1	15.6	36.1	40	40	33	178	37.4	40	40	34	180
												11125	11	1	25.3	48.3	50	50	44	178	49.5	50	50	46	180
												11625	16	1	38.5	64.8	70	70	60	178	66	70	70	61	180
	460-3-60	6.8	61.8	11				1.6	4.6	0.5	8.6	None	-	-	-	16.9	20	20	17	95	17.4	20	20	18	96
												10646	6	1	7.2	17.4	20	20	16	95	18.1	20	20	17	96
												11146	12	1	13.8	25.7	30	30	24	95	26.3	30	30	24	96
												11446	14	1	16.8	29.4	30	30	27	95	30.1	35	35	28	96
	575-3-60	4.8	39	8				2.8	3.5	0.4	8.6	None	-	-	-	14	15	15	15	58	14.4	15	15	15	59
												11058	9.2	1	8.9	17.7	20	20	16	58	18.2	20	20	17	59
												11458	14	1	13.3	23.2	25	25	21	58	23.7	25	25	22	59

Table 169: KL04 to KL14 medium indoor blower - with powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2] / breaker[3] size (A)	Max fuse[2] / breaker [3] size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[/2] / breaker [3] size w/ pwr exh (A)	Max fuse[2] / breaker[2] size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
06 (5)	208-3-6	14	150	22				2.8	13.2	1.1	8.6	None	-	-	-	37.8	40	50	39	214	38.9	40	50	41	217
												10625	4.9	1	13.6	38.9	40	50	39	214	40.3	45	50	41	217
												11125	7.9	1	21.9	49.3	50	50	45	214	50.6	60	60	47	217
												11625	12	1	33.3	63.5	70	70	58	214	64.9	70	70	60	217
	230-3-6	14	150	22				2.8	13.2	1	8.6	None	-	-	-	37.8	40	50	39	216	38.8	40	50	41	218
												10625	6.5	1	15.6	41.4	45	50	39	216	42.6	45	50	41	218
												11125	11	1	25.3	53.5	60	60	49	216	54.8	60	60	50	218
												11625	16	1	38.5	70	70	70	64	216	71.3	80	80	66	218
	460-3-60	6.3	58	10				1.6	6.1	0.5	8.6	None	-	-	-	17.8	20	20	19	91	18.3	20	20	19	92
												10646	6	1	7.2	19.3	20	20	18	91	19.9	20	20	18	92
												11146	12	1	13.8	27.6	30	30	25	91	28.2	30	30	26	92
												11446	14	1	16.8	31.3	35	35	29	91	31.9	35	35	29	92
	575-3-60	5.8	47.8	9				2.8	4.9	0.4	8.6	None	-	-	-	16.7	20	20	17	67	17.1	20	20	18	68
												11458	14	1	13.3	24.9	25	25	23	67	25.4	30	30	23	68
												12358	23	1	22.1	35.9	40	40	33	67	36.4	40	40	33	68
With VFD																									
08 (7.5)	208-3-6	11.9	112	19	12.8	103	20	2	9	1.1	8.6	None	-	-	-	45.2	50	50	48	288	47.4	50	50	51	293
												11725	12	1	33.3	58.3	60	60	54	288	61	70	70	56	293
												12525	19	1	51.6	81.1	90	90	75	288	83.9	90	90	77	293
												13225	24	1	66.6	99.9	100	100	92	288	102.6	110	110	94	293
												14225	32	2	88.3	127	150	150	117	288	129.8	150	150	119	293
	230-3-6	11.9	112	19	12.8	103	20	2.3	9	1	8.6	None	-	-	-	45.8	50	50	49	291	47.8	50	60	51	295
												11725	16	1	38.5	64.8	70	70	60	291	67.3	70	70	62	295
												12525	25	1	59.7	91.3	100	100	84	291	93.8	100	100	86	295
												13225	32	1	77	112.9	125	125	104	291	115.4	125	125	106	295
												14225	42	2	102	144.1	150	150	133	291	146.6	150	150	135	295
	460-3-60	6.8	61.8	11	5.8	50	9	1.3	4.6	0.5	8.6	None	-	-	-	23.7	25	30	25	151	24.7	25	30	26	153
												11746	17	1	19.8	33.2	35	35	31	151	34.4	35	35	32	153
												12846	28	1	33.4	50.2	60	60	46	151	51.4	60	60	47	153
												13346	33	1	39.7	58.1	60	60	53	151	59.3	60	60	55	153
												14246	42	2	50.2	71.2	80	80	65	151	72.4	80	80	67	153
	575-3-60	4.8	39	8	5.1	41	8	1	3.5	0.4	8.6	None	-	-	-	18.4	20	20	20	104	19.2	20	20	21	106
												11758	17	1	16.4	27	30	30	25	104	28	30	30	26	106
												13458	34	1	32.7	47.4	50	50	44	104	48.4	50	50	45	106
09 (8.5)	208-3-6	11.9	112	19	12.8	120	20	2	9	1.1	8.6	None	-	-	-	45.2	50	50	48	306	47.4	50	50	51	311
												11725	12	1	33.3	58.3	60	60	54	306	61	70	70	56	311
												12525	19	1	51.6	81.1	90	90	75	306	83.9	90	90	77	311
												13225	24	1	66.6	99.9	100	100	92	306	102.6	110	110	94	311
												14225	32	2	88.3	127	150	150	117	306	129.8	150	150	119	311
	230-3-6	11.9	112	19	12.8	120	20	2.3	9	1	8.6	None	-	-	-	45.8	50	50	49	308	47.8	50	60	51	313
												11725	16	1	38.5	64.8	70	70	60	308	67.3	70	70	62	313
												12525	25	1	59.7	91.3	100	100	84	308	93.8	100	100	86	313
												13225	32	1	77	112.9	125	125	104	308	115.4	125	125	106	313
												14225	42	2	102	144.1	150	150	133	308	146.6	150	150	135	313
	460-3-60	6.8	61.8	11	6	49.4	9	1.3	4.6	0.5	8.6	None	-	-	-	23.9	25	30	26	150	24.9	25	30	27	152
												11746	17	1	19.8	33.2	35	35	31	150	34.4	35	35	32	152
												12846	28	1	33.4	50.2	60	60	46	150	51.4	60	60	47	152
												13346	33	1	39.7	58.1	60	60	53	150	59.3	60	60	55	152
												14246	42	2	50.2	71.2	80	80	65	150	72.4	80	80	67	152
	575-3-60	4.8	39	8	5.8	41	9	1	3.5	0.4	8.6	None	-	-	-	19.3	20	25	20	104	20.1	25	25	21	106
												11758	17	1	16.4	27	30	30	25	104	28	30	30	26	106
												13458	34	1	32.7	47.4	50	50	44	104	48.4	50	50	45	106

Table 169: KL04 to KL14 medium indoor blower - with powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2] / breaker[3] size (A)	Max fuse[2] / breaker[3] size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[2] / breaker[3] size w/ pwr exh (A)	Max fuse[2] / breaker[3] size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
12 (10)	208-3-6	13.8	150	22	16	156	25	5.8	13.2	1.1	8.6	None	-	-	-	57.1	60	70	61	405	59.3	60	70	64	410
												11725	12	1	33.3	63.5	70	70	61	405	66.3	70	70	64	410
												12525	19	1	51.6	86.4	90	90	79	405	89.1	90	90	82	410
												13225	24	1	66.6	105.1	110	110	97	405	107.9	110	110	99	410
												14225	32	2	88.3	132.3	150	150	122	405	135	150	150	124	410
	230-3-6	13.8	150	22	16	156	25	5.2	13.2	1	8.6	None	-	-	-	56.5	60	70	60	410	58.5	60	70	63	415
												11725	16	1	38.5	70	70	70	64	410	72.5	80	80	67	415
												12525	25	1	59.7	96.5	100	100	89	410	99	100	100	91	415
												13225	32	1	77	118.1	125	125	109	410	120.6	125	125	111	415
												14225	42	2	102	149.4	150	150	137	410	151.9	175	175	140	415
	460-3-60	6.9	58	11	7.1	69	11	2.9	6.1	0.5	8.6	None	-	-	-	27	30	30	29	180	28	30	30	30	183
												11746	17	1	19.8	35.1	40	40	32	180	36.3	40	40	33	183
												12846	28	1	33.4	52.1	60	60	48	180	53.3	60	60	49	183
												13346	33	1	39.7	59.9	60	60	55	180	61.2	70	70	56	183
												14246	42	2	50.2	73.1	80	80	67	180	74.3	80	80	68	183
	575-3-60	5.8	47.8	9	6.4	47.8	10	2.2	7.7	0.4	8.6	None	-	-	-	25.4	30	30	27	149	26.2	30	30	28	150
												11758	17	1	16.4	32.3	35	35	30	149	33.3	35	35	31	150
												13458	34	1	32.7	52.7	60	60	48	149	53.7	60	60	49	150
14 (12.5)	208-3-6	19.2	162	30	21.2	157	33	5.8	13.2	1.1	8.6	None	-	-	-	69	70	90	73	418	71.2	80	90	76	423
												11725	12	1	33.3	69	70	90	73	418	71.2	80	90	76	423
												12525	19	1	51.6	86.4	90	90	79	418	89.1	90	90	82	423
												13225	24	1	66.6	105.1	110	110	97	418	107.9	110	110	99	423
												14225	32	2	88.3	132.3	150	150	122	418	135	150	150	124	423
	230-3-6	19.2	162	30	21.2	157	33	5.2	13.2	1	8.6	None	-	-	-	68.4	70	80	73	423	70.4	80	90	75	427
												11725	16	1	38.5	70	70	80	73	423	72.5	80	90	75	427
												12525	25	1	59.7	96.5	100	100	89	423	99	100	100	91	427
												13225	32	1	77	118.1	125	125	109	423	120.6	125	125	111	427
												14225	42	2	102	149.4	150	150	137	423	151.9	175	175	140	427
	460-3-60	9.1	70.8	14	9.1	74.8	14	2.9	6.1	0.5	8.6	None	-	-	-	31.7	35	40	34	199	32.7	35	40	35	201
												11746	17	1	19.8	35.1	40	40	32	199	36.3	40	40	33	201
												12846	28	1	33.4	52.1	60	60	48	199	53.3	60	60	49	201
												13346	33	1	39.7	59.9	60	60	55	199	61.2	70	70	56	201
												14246	42	2	50.2	73.1	80	80	67	199	74.3	80	80	68	201
	575-3-60	6.2	58.2	10	7.7	47.8	12	2.2	7.7	0.4	8.6	None	-	-	-	27.4	30	35	29	159	28.2	30	35	30	161
												11758	17	1	16.4	32.3	35	35	30	159	33.3	35	35	31	161
												13458	34	1	32.7	52.7	60	60	48	159	53.7	60	60	49	161

KL04 to KL14 high indoor blower - without powered convenience outlet

Table 170: KL04 to KL14 high indoor blower - without powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1](A)	Min fuse[2]/ breaker[3]size (A)	Max fuse[2]/ breaker [3]size (A)	Min disconnect[4] rating		MCA[1]w/pwr exh (amps)	Min fuse[2]/ breaker [3]size w/ pwr exh (A)	Max fuse[2]/ breaker[3]size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-3-6	9.9	82	15				2.8	9	1.1		None	-	-	-	24.2	25	30	25	142	25.3	30	35	26	145
												10625	4.9	1	13.6	28.3	30	30	26	142	29.6	30	35	27	145
												11125	7.9	1	21.9	38.6	40	40	36	142	40	45	45	37	145
												11625	12	1	33.3	52.9	60	60	49	142	54.3	60	60	50	145
	230-3-6	9.9	82	15				2.8	9	1		None	-	-	-	24.2	25	30	25	144	25.2	30	35	26	146
												10625	6.5	1	15.6	30.8	35	35	28	144	32	35	35	29	146
												11125	11	1	25.3	42.9	45	45	39	144	44.1	45	45	41	146
												11625	16	1	38.5	59.4	60	60	55	144	60.6	70	70	56	146
	460-3-60	4.8	44.3	8				1.6	4.6	0.5		None	-	-	-	12.2	15	15	13	75	12.7	15	15	13	76
												10646	6	1	7.2	14.8	15	15	14	75	15.4	20	20	14	76
												11146	12	1	13.8	23	25	25	21	75	23.6	25	25	22	76
												11446	14	1	16.8	26.8	30	30	25	75	27.4	30	30	25	76
	575-3-60	3.5	28.7	6				2.8	3.5	0.4		None	-	-	-	10.7	15	15	11	46	11.1	15	15	12	47
												11058	9.2	1	8.9	15.5	20	20	14	46	16	20	20	15	47
												11458	14	1	13.3	21	25	25	19	46	21.5	25	25	20	47
05 (4)	208-3-6	11.9	112	19				2.8	13.2	1.1		None	-	-	-	30.9	35	40	32	174	32	35	40	33	176
												10625	4.9	1	13.6	33.5	35	40	32	174	34.9	35	40	33	176
												11125	7.9	1	21.9	43.9	45	50	40	174	45.3	50	50	42	176
												11625	12	1	33.3	58.1	60	60	53	174	59.5	60	60	55	176
	230-3-6	11.9	112	19				2.8	13.2	1		None	-	-	-	30.9	35	40	32	181	31.9	35	40	33	183
												10625	6.5	1	15.6	36	40	45	33	181	37.3	40	45	34	183
												11125	11	1	25.3	48.1	50	50	44	181	49.4	50	50	45	183
												11625	16	1	38.5	64.6	70	70	59	181	65.9	70	70	61	183
	460-3-60	6.8	61.8	11				1.6	6.1	0.5		None	-	-	-	16.2	20	20	17	96	16.7	20	20	17	97
												10646	6	1	7.2	16.6	20	20	15	96	17.3	20	20	16	97
												11146	12	1	13.8	24.9	25	25	23	96	25.5	30	30	23	97
												11446	14	1	16.8	28.6	30	30	26	96	29.3	30	30	27	97
	575-3-60	4.8	39	8				2.8	4.9	0.4		None	-	-	-	13.7	15	15	14	65	14.1	15	15	15	66
												11058	9.2	1	8.9	17.3	20	20	16	65	17.8	20	20	16	66
												11458	14	1	13.3	22.8	25	25	21	65	23.3	25	25	21	66
06 (5)	208-3-6	14	150	22				2.8	13.2	1.1		None	-	-	-	33.5	35	45	35	212	34.6	35	45	36	214
												10625	4.9	1	13.6	33.5	35	45	35	212	34.9	35	45	36	214
												11125	7.9	1	21.9	43.9	45	50	40	212	45.3	50	50	42	214
												11625	12	1	33.3	58.1	60	60	53	212	59.5	60	60	55	214
	230-3-6	14	150	22				2.8	13.2	1		None	-	-	-	33.5	35	45	35	219	34.5	35	45	36	221
												10625	6.5	1	15.6	36	40	45	35	219	37.3	40	45	36	221
												11125	11	1	25.3	48.1	50	50	44	219	49.4	50	50	45	221
												11625	16	1	38.5	64.6	70	70	59	219	65.9	70	70	61	221
	460-3-60	6.3	58	10				1.6	6.1	0.5		None	-	-	-	15.6	20	20	16	93	16.1	20	20	17	94
												10646	6	1	7.2	16.6	20	20	15	93	17.3	20	20	16	94
												11146	12	1	13.8	24.9	25	25	23	93	25.5	30	30	23	94
												11446	14	1	16.8	28.6	30	30	26	93	29.3	30	30	27	94
	575-3-60	5.8	47.8	9				2.8	7.7	0.4		None	-	-	-	17.8	20	20	19	74	18.2	20	20	19	75
												11458	14	1	13.3	26.3	30	30	24	74	26.8	30	30	25	75
												12358	23	1	22.1	37.3	40	40	34	74	37.8	40	40	35	75

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1](A)	Min fuse[2]/ breaker[2]size (A)	Max fuse[2]/ breaker [2]size (A)	Min disconnect[4] rating		MCA[1]w/pwr exh (amps)	Min fuse[2]/ breaker [2]size w/ pwr exh (A)	Max fuse[2]/ breaker[2]size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
With VFD																									
08 (7.5)	208-3-6	11.9	112	19	12.8	103	20	2	13.2	1.1		None	-	-	-	45.1	50	50	48	296	47.3	50	50	51	301
												11725	12	1	33.3	58.1	60	60	53	296	60.9	70	70	56	301
												12525	19	1	51.6	81	90	90	75	296	83.8	90	90	77	301
												13225	24	1	66.6	99.8	100	100	92	296	102.5	110	110	94	301
												14225	32	2	88.3	126.9	150	150	117	296	129.6	150	150	119	301
	230-3-6	11.9	112	19	12.8	103	20	2.3	13.2	1		None	-	-	-	45.7	50	50	49	305	47.7	50	60	51	310
												11725	16	1	38.5	64.6	70	70	59	305	67.1	70	70	62	310
												12525	25	1	59.7	91.1	100	100	84	305	93.6	100	100	86	310
												13225	32	1	77	112.8	125	125	104	305	115.3	125	125	106	310
												14225	42	2	102	144	150	150	132	305	146.5	150	150	135	310
	460-3-60	6.8	61.8	11	5.8	50	9	1.3	6.1	0.5		None	-	-	-	23	25	25	24	158	24	25	25	26	160
												11746	17	1	19.8	32.4	35	35	30	158	33.6	35	35	31	160
												12846	28	1	33.4	49.4	50	50	45	158	50.6	60	60	47	160
												13346	33	1	39.7	57.3	60	60	53	158	58.5	60	60	54	160
												14246	42	2	50.2	70.4	80	80	65	158	71.6	80	80	66	160
	575-3-60	4.8	39	8	5.1	41	8	1	7.7	0.4		None	-	-	-	20.9	25	25	23	125	21.7	25	25	23	126
												11758	17	1	16.4	30.1	35	35	28	125	31.1	35	35	29	126
												13458	34	1	32.7	50.5	60	60	46	125	51.5	60	60	47	126
09 (8.5)	208-3-6	11.9	112	19	12.8	120	20	2	13.2	1.1		None	-	-	-	45.1	50	50	48	314	47.3	50	50	51	319
												11725	12	1	33.3	58.1	60	60	53	314	60.9	70	70	56	319
												12525	19	1	51.6	81	90	90	75	314	83.8	90	90	77	319
												13225	24	1	66.6	99.8	100	100	92	314	102.5	110	110	94	319
												14225	32	2	88.3	126.9	150	150	117	314	129.6	150	150	119	319
	230-3-6	11.9	112	19	12.8	120	20	2.3	13.2	1		None	-	-	-	45.7	50	50	49	323	47.7	50	60	51	327
												11725	16	1	38.5	64.6	70	70	59	323	67.1	70	70	62	327
												12525	25	1	59.7	91.1	100	100	84	323	93.6	100	100	86	327
												13225	32	1	77	112.8	125	125	104	323	115.3	125	125	106	327
												14225	42	2	102	144	150	150	132	323	146.5	150	150	135	327
	460-3-60	6.8	61.8	11	6	49.4	9	1.3	6.1	0.5		None	-	-	-	23.2	25	30	25	157	24.2	25	30	26	160
												11746	17	1	19.8	32.4	35	35	30	157	33.6	35	35	31	160
												12846	28	1	33.4	49.4	50	50	45	157	50.6	60	60	47	160
												13346	33	1	39.7	57.3	60	60	53	157	58.5	60	60	54	160
												14246	42	2	50.2	70.4	80	80	65	157	71.6	80	80	66	160
	575-3-60	4.8	39	8	5.8	41	9	1	7.7	0.4		None	-	-	-	21.8	25	25	23	125	22.6	25	25	24	126
												11758	17	1	16.4	30.1	35	35	28	125	31.1	35	35	29	126
												13458	34	1	32.7	50.5	60	60	46	125	51.5	60	60	47	126

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2] / breaker[3] size (A)	Max fuse[2] / breaker[3] size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[2] / breaker[3] size w/ pwr exh (A)	Max fuse[2] / breaker[3] size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
12 (10)	208-3-6	13.8	150	22	16	156	25	5.8	20.4	1.1		None	-	-	-	60	60	70	64	431	62.2	70	70	67	436
												11725	12	1	33.3	67.1	70	70	64	431	69.9	70	80	67	436
												12525	19	1	51.6	90	90	90	83	431	92.8	100	100	85	436
												13225	24	1	66.6	108.8	110	110	100	431	111.5	125	125	103	436
												14225	32	2	88.3	135.9	150	150	125	431	138.6	150	150	128	436
	230-3-6	13.8	150	22	16	156	25	5.2	20.4	1		None	-	-	-	59.4	60	70	64	427	61.4	70	70	66	432
												11725	16	1	38.5	73.6	80	80	68	427	76.1	80	80	70	432
												12525	25	1	59.7	100.1	110	110	92	427	102.6	110	110	94	432
												13225	32	1	77	121.8	125	125	112	427	124.3	125	125	114	432
												14225	42	2	102	153	175	175	141	427	155.5	175	175	143	432
	460-3-60	6.9	58	11	7.1	69	11	2.9	9.9	0.5		None	-	-	-	28.6	30	35	31	189	29.6	30	35	32	191
												11746	17	1	19.8	37.1	40	40	34	189	38.4	40	40	35	191
												12846	28	1	33.4	54.1	60	60	50	189	55.4	60	60	51	191
												13346	33	1	39.7	62	70	70	57	189	63.3	70	70	58	191
												14246	42	2	50.2	75.1	80	80	69	189	76.4	80	80	70	191
	575-3-60	5.8	47.8	9	6.4	47.8	10	2.2	7.7	0.4		None	-	-	-	23.7	25	30	25	147	24.5	25	30	26	149
												11758	17	1	16.4	30.1	35	35	28	147	31.1	35	35	29	149
												13458	34	1	32.7	50.5	60	60	46	147	51.5	60	60	47	149
14 (12.5)	208-3-6	19.2	162	30	21.2	157	33	5.8	20.4	1.1		None	-	-	-	71.9	80	90	77	444	74.1	80	90	79	449
												11725	12	1	33.3	71.9	80	90	77	444	74.1	80	90	79	449
												12525	19	1	51.6	90	90	90	83	444	92.8	100	100	85	449
												13225	24	1	66.6	108.8	110	110	100	444	111.5	125	125	103	449
												14225	32	2	88.3	135.9	150	150	125	444	138.6	150	150	128	449
	230-3-6	19.2	162	30	21.2	157	33	5.2	20.4	1		None	-	-	-	71.3	80	90	76	440	73.3	80	90	78	444
												11725	16	1	38.5	73.6	80	90	76	440	76.1	80	90	78	444
												12525	25	1	59.7	100.1	110	110	92	440	102.6	110	110	94	444
												13225	32	1	77	121.8	125	125	112	440	124.3	125	125	114	444
												14225	42	2	102	153	175	175	141	440	155.5	175	175	143	444
	460-3-60	9.1	70.8	14	9.1	74.8	14	2.9	9.9	0.5		None	-	-	-	33.3	35	40	36	208	34.3	35	40	37	210
												11746	17	1	19.8	37.1	40	40	34	208	38.4	40	40	35	210
												12846	28	1	33.4	54.1	60	60	50	208	55.4	60	60	51	210
												13346	33	1	39.7	62	70	70	57	208	63.3	70	70	58	210
												14246	42	2	50.2	75.1	80	80	69	208	76.4	80	80	70	210
	575-3-60	6.2	58.2	10	7.7	47.8	12	2.2	7.7	0.4		None	-	-	-	25.7	30	30	27	157	26.5	30	30	28	159
												11758	17	1	16.4	30.1	35	35	28	157	31.1	35	35	29	159
												13458	34	1	32.7	50.5	60	60	46	157	51.5	60	60	47	159

KL04 to KL14 high indoor blower - with powered convenience outlet

Table 171: KL04 to KL14 high indoor blower - with powered convenience outlet

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1](A)	Min fuse[2]/ breaker[3]size (A)	Max fuse[2]/ breaker [3]size (A)	Min disconnect[4] rating		MCA[1]w/pwr exh (amps)	Min fuse[2]/ breaker [3]size w/ pwr exh (A)	Max fuse[2]/ breaker[3]size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
04 (3)	208-3-6	9.9	82	15				2.8	9	1.1	8.6	None	-	-	-	28.5	30	35	30	146	29.6	30	35	31	149
												10625	4.9	1	13.6	33.6	35	35	31	146	35	35	35	32	149
												11125	7.9	1	21.9	44	45	45	40	146	45.4	50	50	42	149
												11625	12	1	33.3	58.3	60	60	54	146	59.6	60	60	55	149
	230-3-6	9.9	82	15				2.8	9	1	8.6	None	-	-	-	28.5	30	35	30	148	29.5	30	35	31	150
												10625	6.5	1	15.6	36.1	40	40	33	148	37.4	40	40	34	150
												11125	11	1	25.3	48.3	50	50	44	148	49.5	50	50	46	150
												11625	16	1	38.5	64.8	70	70	60	148	66	70	70	61	150
	460-3-60	4.8	44.3	8				1.6	4.6	0.5	8.6	None	-	-	-	14.4	15	15	15	77	14.9	15	15	16	78
												10646	6	1	7.2	17.4	20	20	16	77	18.1	20	20	17	78
												11146	12	1	13.8	25.7	30	30	24	77	26.3	30	30	24	78
												11446	14	1	16.8	29.4	30	30	27	77	30.1	35	35	28	78
	575-3-60	3.5	28.7	6				2.8	3.5	0.4	8.6	None	-	-	-	12.4	15	15	13	48	12.8	15	15	14	49
												11058	9.2	1	8.9	17.7	20	20	16	48	18.2	20	20	17	49
												11458	14	1	13.3	23.2	25	25	21	48	23.7	25	25	22	49
05 (4)	208-3-6	11.9	112	19				2.8	13.2	1.1	8.6	None	-	-	-	35.2	40	45	37	178	36.3	40	45	38	181
												10625	4.9	1	13.6	38.9	40	45	37	178	40.3	45	45	38	181
												11125	7.9	1	21.9	49.3	50	50	45	178	50.6	60	60	47	181
												11625	12	1	33.3	63.5	70	70	58	178	64.9	70	70	60	181
	230-3-6	11.9	112	19				2.8	13.2	1	8.6	None	-	-	-	35.2	40	45	37	185	36.2	40	45	38	188
												10625	6.5	1	15.6	41.4	45	45	38	185	42.6	45	50	39	188
												11125	11	1	25.3	53.5	60	60	49	185	54.8	60	60	50	188
												11625	16	1	38.5	70	70	70	64	185	71.3	80	80	66	188
	460-3-60	6.8	61.8	11				1.6	6.1	0.5	8.6	None	-	-	-	18.4	20	25	19	98	18.9	20	25	20	100
												10646	6	1	7.2	19.3	20	25	18	98	19.9	20	25	18	100
												11146	12	1	13.8	27.6	30	30	25	98	28.2	30	30	26	100
												11446	14	1	16.8	31.3	35	35	29	98	31.9	35	35	29	100
	575-3-60	4.8	39	8				2.8	4.9	0.4	8.6	None	-	-	-	15.4	20	20	16	67	15.8	20	20	17	68
												11058	9.2	1	8.9	19.4	20	20	18	67	19.9	20	20	18	68
												11458	14	1	13.3	24.9	25	25	23	67	25.4	30	30	23	68
06 (5)	208-3-6	14	150	22				2.8	13.2	1.1	8.6	None	-	-	-	37.8	40	50	39	216	38.9	40	50	41	219
												10625	4.9	1	13.6	38.9	40	50	39	216	40.3	45	50	41	219
												11125	7.9	1	21.9	49.3	50	50	45	216	50.6	60	60	47	219
												11625	12	1	33.3	63.5	70	70	58	216	64.9	70	70	60	219
	230-3-6	14	150	22				2.8	13.2	1	8.6	None	-	-	-	37.8	40	50	39	223	38.8	40	50	41	226
												10625	6.5	1	15.6	41.4	45	50	39	223	42.6	45	50	41	226
												11125	11	1	25.3	53.5	60	60	49	223	54.8	60	60	50	226
												11625	16	1	38.5	70	70	70	64	223	71.3	80	80	66	226
	460-3-60	6.3	58	10				1.6	6.1	0.5	8.6	None	-	-	-	17.8	20	20	19	95	18.3	20	20	19	96
												10646	6	1	7.2	19.3	20	20	18	95	19.9	20	20	18	96
												11146	12	1	13.8	27.6	30	30	25	95	28.2	30	30	26	96
												11446	14	1	16.8	31.3	35	35	29	95	31.9	35	35	29	96
	575-3-60	5.8	47.8	9				2.8	7.7	0.4	8.6	None	-	-	-	19.5	20	25	21	76	19.9	20	25	21	77
												11458	14	1	13.3	28.4	30	30	26	76	28.9	30	30	27	77
												12358	23	1	22.1	39.4	40	40	36	76	39.9	40	40	37	77

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2] / breaker[3] size (A)	Max fuse[2] / breaker[3] size (A)	Min disconnect[4] rating		MCA[1] w/pwr exh (amps)	Min fuse[2] / breaker[3] size w/ pwr exh (A)	Max fuse[2] / breaker[3] size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
With VFD																									
08 (7.5)	208-3-6	11.9	112	19	12.8	103	20	2	13.2	1.1	8.6	None	-	-	-	49.4	50	60	53	300	51.6	60	60	56	305
												11725	12	1	33.3	63.5	70	70	58	300	66.3	70	70	61	305
												12525	19	1	51.6	86.4	90	90	79	300	89.1	90	90	82	305
												13225	24	1	66.6	105.1	110	110	97	300	107.9	110	110	99	305
												14225	32	2	88.3	132.3	150	150	122	300	135	150	150	124	305
	230-3-6	11.9	112	19	12.8	103	20	2.3	13.2	1	8.6	None	-	-	-	50	50	60	54	310	52	60	60	56	314
												11725	16	1	38.5	70	70	70	64	310	72.5	80	80	67	314
												12525	25	1	59.7	96.5	100	100	89	310	99	100	100	91	314
												13225	32	1	77	118.1	125	125	109	310	120.6	125	125	111	314
												14225	42	2	102	149.4	150	150	137	310	151.9	175	175	140	314
	460-3-60	6.8	61.8	11	5.8	50	9	1.3	6.1	0.5	8.6	None	-	-	-	25.2	30	30	27	160	26.2	30	30	28	162
												11746	17	1	19.8	35.1	40	40	32	160	36.3	40	40	33	162
												12846	28	1	33.4	52.1	60	60	48	160	53.3	60	60	49	162
												13346	33	1	39.7	59.9	60	60	55	160	61.2	70	70	56	162
												14246	42	2	50.2	73.1	80	80	67	160	74.3	80	80	68	162
	575-3-60	4.8	39	8	5.1	41	8	1	7.7	0.4	8.6	None	-	-	-	22.6	25	25	24	126	23.4	25	25	25	128
												11758	17	1	16.4	32.3	35	35	30	126	33.3	35	35	31	128
												13458	34	1	32.7	52.7	60	60	48	126	53.7	60	60	49	128
09 (8.5)	208-3-6	11.9	112	19	12.8	120	20	2	13.2	1.1	8.6	None	-	-	-	49.4	50	60	53	318	51.6	60	60	56	323
												11725	12	1	33.3	63.5	70	70	58	318	66.3	70	70	61	323
												12525	19	1	51.6	86.4	90	90	79	318	89.1	90	90	82	323
												13225	24	1	66.6	105.1	110	110	97	318	107.9	110	110	99	323
												14225	32	2	88.3	132.3	150	150	122	318	135	150	150	124	323
	230-3-6	11.9	112	19	12.8	120	20	2.3	13.2	1	8.6	None	-	-	-	50	50	60	54	327	52	60	60	56	332
												11725	16	1	38.5	70	70	70	64	327	72.5	80	80	67	332
												12525	25	1	59.7	96.5	100	100	89	327	99	100	100	91	332
												13225	32	1	77	118.1	125	125	109	327	120.6	125	125	111	332
												14225	42	2	102	149.4	150	150	137	327	151.9	175	175	140	332
	460-3-60	6.8	61.8	11	6	49.4	9	1.3	6.1	0.5	8.6	None	-	-	-	25.4	30	30	27	159	26.4	30	30	28	162
												11746	17	1	19.8	35.1	40	40	32	159	36.3	40	40	33	162
												12846	28	1	33.4	52.1	60	60	48	159	53.3	60	60	49	162
												13346	33	1	39.7	59.9	60	60	55	159	61.2	70	70	56	162
												14246	42	2	50.2	73.1	80	80	67	159	74.3	80	80	68	162
	575-3-60	4.8	39	8	5.8	41	9	1	7.7	0.4	8.6	None	-	-	-	23.5	25	25	25	126	24.3	25	25	26	128
												11758	17	1	16.4	32.3	35	35	30	126	33.3	35	35	31	128
												13458	34	1	32.7	52.7	60	60	48	126	53.7	60	60	49	128

Size (ton)	Nominal unit voltage	Compressor 1			Compressor 2			OD fan motors (each)	Supply blower motor	Pwr exh motor	Pwr conv outlet	Electric heat field installed kit 2EK045*				MCA[1] (A)	Min fuse[2]/ breaker[2]size (A)	Max fuse[2]/ breaker [2]size (A)	Min disconnect[4] rating		MCA[1]w/pwr exh (amps)	Min fuse[2]/ breaker [2]size w/ pwr exh (A)	Max fuse[2]/ breaker[2]size w/ pwr exh (A)	Min disconnect[4] rating/ pwr exh	
		RLA	LRA	MCC	RLA	LRA	MCC					Model	kW	Stages	Amps				FLA	LRA				FLA	LRA
12 (10)	208-3-6	13.8	150	22	16	156	25	5.8	20.4	1.1	8.6	None	-	-	-	64.3	70	80	69	436	66.5	70	80	72	441
												11725	12	1	33.3	72.5	80	80	69	436	75.3	80	80	72	441
												12525	19	1	51.6	95.4	100	100	88	436	98.1	100	100	90	441
												13225	24	1	66.6	114.1	125	125	105	436	116.9	125	125	108	441
												14225	32	2	88.3	141.3	150	150	130	436	144	150	150	132	441
	230-3-6	13.8	150	22	16	156	25	5.2	20.4	1	8.6	None	-	-	-	63.7	70	70	69	432	65.7	70	80	71	436
												11725	16	1	38.5	79	80	80	73	432	81.5	90	90	75	436
												12525	25	1	59.7	105.5	110	110	97	432	108	110	110	99	436
												13225	32	1	77	127.1	150	150	117	432	129.6	150	150	119	436
												14225	42	2	102	158.4	175	175	146	432	160.9	175	175	148	436
	460-3-60	6.9	58	11	7.1	69	11	2.9	9.9	0.5	8.6	None	-	-	-	30.8	35	35	33	191	31.8	35	35	35	193
												11746	17	1	19.8	39.8	40	40	37	191	41.1	45	45	38	193
												12846	28	1	33.4	56.8	60	60	52	191	58.1	60	60	53	193
												13346	33	1	39.7	64.7	70	70	60	191	65.9	70	70	61	193
												14246	42	2	50.2	77.8	80	80	72	191	79.1	80	80	73	193
	575-3-60	5.8	47.8	9	6.4	47.8	10	2.2	7.7	0.4	8.6	None	-	-	-	25.4	30	30	27	149	26.2	30	30	28	150
												11758	17	1	16.4	32.3	35	35	30	149	33.3	35	35	31	150
												13458	34	1	32.7	52.7	60	60	48	149	53.7	60	60	49	150
14 (12.5)	208-3-6	19.2	162	30	21.2	157	33	5.8	20.4	1.1	8.6	None	-	-	-	76.2	80	90	82	448	78.4	80	90	84	453
												11725	12	1	33.3	76.2	80	90	82	448	78.4	80	90	84	453
												12525	19	1	51.6	95.4	100	100	88	448	98.1	100	100	90	453
												13225	24	1	66.6	114.1	125	125	105	448	116.9	125	125	108	453
												14225	32	2	88.3	141.3	150	150	130	448	144	150	150	132	453
	230-3-6	19.2	162	30	21.2	157	33	5.2	20.4	1	8.6	None	-	-	-	75.6	80	90	81	444	77.6	80	90	83	449
												11725	16	1	38.5	79	80	90	81	444	81.5	90	90	83	449
												12525	25	1	59.7	105.5	110	110	97	444	108	110	110	99	449
												13225	32	1	77	127.1	150	150	117	444	129.6	150	150	119	449
												14225	42	2	102	158.4	175	175	146	444	160.9	175	175	148	449
	460-3-60	9.1	70.8	14	9.1	74.8	14	2.9	9.9	0.5	8.6	None	-	-	-	35.5	40	40	38	210	36.5	40	40	39	212
												11746	17	1	19.8	39.8	40	40	37	210	41.1	45	45	38	212
												12846	28	1	33.4	56.8	60	60	52	210	58.1	60	60	53	212
												13346	33	1	39.7	64.7	70	70	60	210	65.9	70	70	61	212
												14246	42	2	50.2	77.8	80	80	72	210	79.1	80	80	73	212
	575-3-60	6.2	58.2	10	7.7	47.8	12	2.2	7.7	0.4	8.6	None	-	-	-	27.4	30	35	29	159	28.2	30	35	30	161
												11758	17	1	16.4	32.3	35	35	30	159	33.3	35	35	31	161
												13458	34	1	32.7	52.7	60	60	48	159	53.7	60	60	49	161

Weights and dimensions

KQ04-06, KXA7-14, KY04-12, KL04-06 and KL08-14 unit weights

Figure 7: Unit 4 point load weight

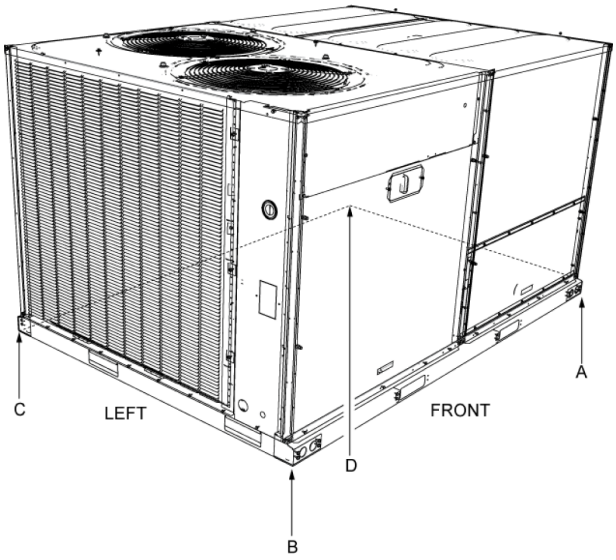


Figure 8: Unit 6 point load weight

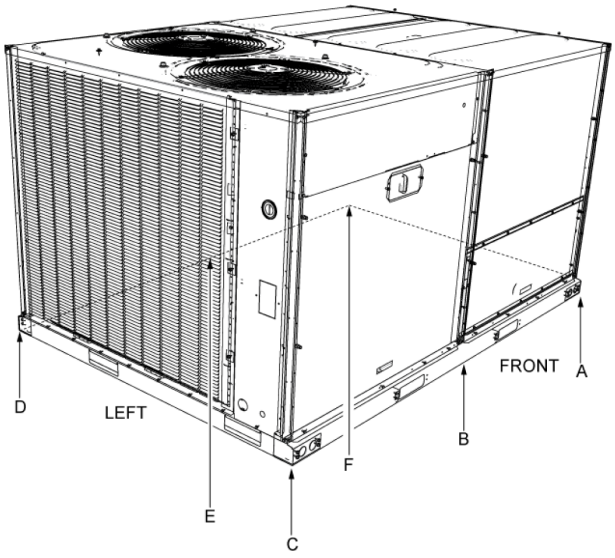


Figure 9: Unit center of gravity

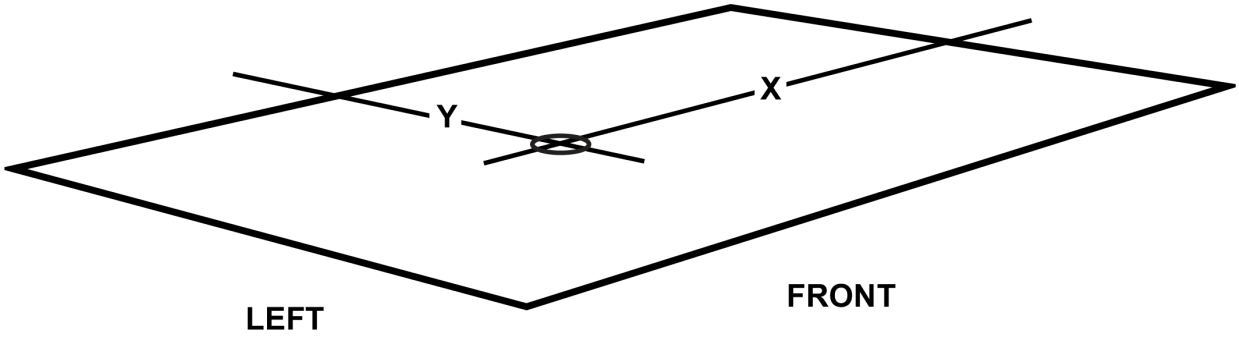


Table 172: KQ04-06, KXA7-14, KY04-12, KL04-06 and KL08-14 corner weights

Model	Size (ton)	Weight (lb)		Center of gravity		4 point load location (lb)				6 point load location (lb)					
		Shipping	Operating	X	Y	A	B	C	D	A	B	C	D	E	F
KQE	04 (3)	479	450	36	26	121	117	104	108	81	79	78	69	71	72
KQE	05 (4)	516	487	36	26	131	124	113	119	88	85	82	75	77	80
KQE	06 (5)	590	561	36	24	140	134	140	147	94	91	89	93	96	99
KXE	A7 (6)	634	614	34	25	168	146	139	160	115	104	95	91	99	109
KYE	04 (3)	486	481	36	25	127	118	113	122	86	82	78	75	78	82
KYE	05 (4)	569	564	36	25	145	140	137	142	97	95	93	91	93	95
KYE	06 (5)	587	582	36	25	151	145	140	146	101	99	96	93	95	98
KYE	A7 (6)	849	829	45	35	229	244	183	172	151	158	165	124	118	113
KYE	08 (7.5)	873	868	46	36	236	268	193	171	154	167	182	132	121	111
KYE	09 (8.5)	878	878	46	36	241	265	195	177	158	168	180	132	124	116
KYE	12 (10)	907	902	47	36	239	278	207	178	155	171	190	142	128	116
KLE	04(3)	486	481	42	27	112	147	126	96	71	85	103	88	73	61
KLE	05(4)	569	564	36	26	153	145	130	137	103	99	96	86	89	92
KLE	06(5)	587	582	37	24	141	142	150	149	94	94	95	100	100	99
KLE	08(7.5)	925	920	45	37	262	282	195	181	173	181	191	131	125	119

Table 172: KQ04-06, KXA7-14, KY04-12, KL04-06 and KL08-14 corner weights

Model	Size (ton)	Weight (lb)		Center of gravity		4 point load location (lb)				6 point load location (lb)					
		Shipping	Operating	X	Y	A	B	C	D	A	B	C	D	E	F
KLE	09(8.5)	930	925	46	36	258	284	201	182	169	180	192	136	128	120
KLE	12(10)	960	955	46	35	258	287	216	194	169	181	195	146	136	127
KLE	14(12.5)	985	980	44	35	277	283	213	208	184	186	189	142	140	138

Table 173: KY04-12 and KL04-14 corner weights with MagnaDRY option

Model	Size (ton)	Weight (lb)		Center of gravity		4 point load location (lb)				6 point load location (lb)					
		Shipping	Operating	X	Y	A	B	C	D	A	B	C	D	E	F
KYE	04 (3)	494	489	36	25	130	120	115	124	87	83	79	76	80	84
KYE	05 (4)	579	574	36	25	148	142	140	145	99	97	94	92	95	97
KYE	06 (5)	597	592	36	25	154	148	142	148	103	100	98	94	97	100
KYE	A7 (6)	848	843	45	35	230	246	190	177	151	158	166	128	122	117
KYE	08 (7.5)	888	883	46	36	240	272	197	174	157	170	185	134	123	113
KYE	09 (8.5)	898	893	46	36	245	270	199	180	161	171	183	135	126	118
KYE	12 (10)	925	920	47	36	242	285	212	181	157	175	195	146	130	117
KLE	04(3)	494	489	42	27	114	150	127	97	73	87	104	89	74	62
KLE	05(4)	579	574	36	26	156	150	132	137	104	102	99	87	90	92
KLE	06(5)	599	594	37	24	144	145	153	152	96	96	97	102	102	101
KLE	08(7.5)	940	935	45	37	269	289	195	182	178	186	195	132	126	120
KLE	09(8.5)	945	940	46	36	256	290	209	185	167	181	197	143	131	121
KLE	12(10)	978	973	46	35	261	288	222	202	171	183	195	150	141	132
KLE	14(12.5)	1003	998	44	35	278	285	220	215	185	188	191	147	145	143

Table 174: KQ04-06, KXA7, KY04-12, and KL04-14 corner weights (gas heat)

Model	Size (ton)	Weight (lb)		Center of gravity		4 point load location (lb)				6 point load location (lb)					
		Shipping	Operating	X	Y	A	B	C	D	A	B	C	D	E	F
KQG	04 (3)	530	515	35	27	145	132	113	125	98	92	87	74	79	84
KQG	05 (4)	557	552	36	27	154	144	123	131	104	99	95	81	85	89
KQG	06 (5)	639	610	36	26	165	157	141	147	111	107	104	93	96	99
KXG	A7 (6)	688	668	34	25	183	159	152	174	125	114	104	99	108	119
KYG	04 (3)	532	527	36	27	147	136	117	126	99	94	90	77	81	85
KYG	05 (4)	623	618	36	26	167	156	142	152	113	108	103	94	98	103
KYG	06 (5)	641	636	35	26	174	159	144	159	118	111	104	95	101	108
KYG	A7 (6)	919	899	45.0	35	249	265	199	187	164	171	179	134	128	123
KYG	08 (7.5)	975	970	44	37	287	294	197	193	191	193	196	132	130	128
KYG	09 (8.5)	980	970	45	36	276	289	207	198	183	188	194	139	135	131
KYG	12 (10)	1013	1008	45	36	285	300	217	206	189	195	202	146	141	136
KLG	04(3)	560	555	42	27	129	170	146	111	82	98	118	102	84	71
KLG	05(4)	607	602	36	26	163	155	139	146	109	106	102	92	95	98
KLG	06(5)	636	631	37	25	160	160	156	155	106	107	107	104	104	103
KLG	08(7.5)	1045	1040	44	37	304	312	215	210	202	205	209	144	141	139
KLG	09(8.5)	1035	1030	45	36	294	309	219	208	194	201	208	147	142	138
KLG	12(10)	1055	1050	45	36	299	313	224	214	198	204	210	151	146	142
KLG	14(12.5)	1075	1070	44	36	309	316	225	220	205	208	211	151	148	146

Table 175: KY04-12 and KL04-14 corner weights with MagnaDRY option (gas heat)

Model	Size (ton)	Weight (lb)		Center of gravity		4 point load location (lb)				6 point load location (lb)					
		Shipping	Operating	X	Y	A	B	C	D	A	B	C	D	E	F
KYG	04 (3)	540	535	36	27	149	139	119	128	101	96	91	79	82	87
KYG	05 (4)	633	628	36	26	170	161	145	152	114	110	107	96	99	102
KYG	06 (5)	651	646	35	26	179	161	145	161	122	113	106	95	102	109
KYG	A7 (6)	918	913	45	35	249	267	206	192	164	172	180	139	132	127
KYG	08 (7.5)	990	985	44	37	291	298	200	196	193	196	199	134	132	130
KYG	09 (8.5)	1000	995	45	36	279	299	216	201	184	192	202	146	139	133
KYG	12 (10)	1031	1026	45	36	290	305	221	210	192	198	205	148	143	139
KLG	04(3)	568	563	42	27	131	172	148	112	83	99	120	103	85	72
KLG	05(4)	617	612	36	26	166	157	141	148	111	108	104	93	96	100
KLG	06(5)	648	643	37	25	163	163	159	158	108	109	109	106	106	105
KLG	08(7.5)	1060	1055	44	37	313	319	213	209	208	211	213	143	141	139

Table 175: KY04-12 and KL04-14 corner weights with MagnaDRY option (gas heat)

Model	Size (ton)	Weight (lb)		Center of gravity		4 point load location (lb)				6 point load location (lb)					
		Shipping	Operating	X	Y	A	B	C	D	A	B	C	D	E	F
KLG	09(8.5)	1050	1045	45	36	295	315	225	211	195	203	212	151	145	139
KLG	12(10)	1073	1068	45	36	302	322	230	215	199	208	217	155	148	142
KLG	14(12.5)	1093	1088	44	36	312	320	231	226	207	211	214	154	152	150

Table 176: KQ, KX, KY, and KL unit accessory weights

Unit accessory	Weights (lb)
Powered convenience outlet factory installed	35
Non-powered convenience outlet factory installed	10
Vertical flow dry bulb economizer small footprint	63
Vertical flow dry bulb economizer large footprint	96
Horizontal flow dry bulb economizer small footprint short	75
Horizontal flow dry bulb economizer small footprint tall	81
Horizontal flow dry bulb economizer large footprint short	105
Horizontal flow dry bulb economizer large footprint tall	102
Power exhaust vertical flow small footprint	39
Power exhaust vertical flow large footprint	39
Power exhaust horizontal flow small footprint	39
Power exhaust horizontal flow large footprint	39
Hail guard kit small short factory installed	19
Hail guard kit small tall factory installed	24
Hail guard kit large short factory installed	50
Hail guard kit large tall factory installed	50
Flue extension kit (1FE0414)	15
Flue extension kit (1FE0415)	17
Flue extension kit (1FE0416)	19
Curb rigid 14 in. small footprint	145
Curb rigid 14 in. large footprint	135
Curb rigid 24 in. small footprint	135
Curb rigid 24 in. large footprint	135

KQ04-06, KXA7, KY04-12, KL04-06, and KL08-14 unit dimensions

Figure 10: KQ04-05, KY04, and KL04

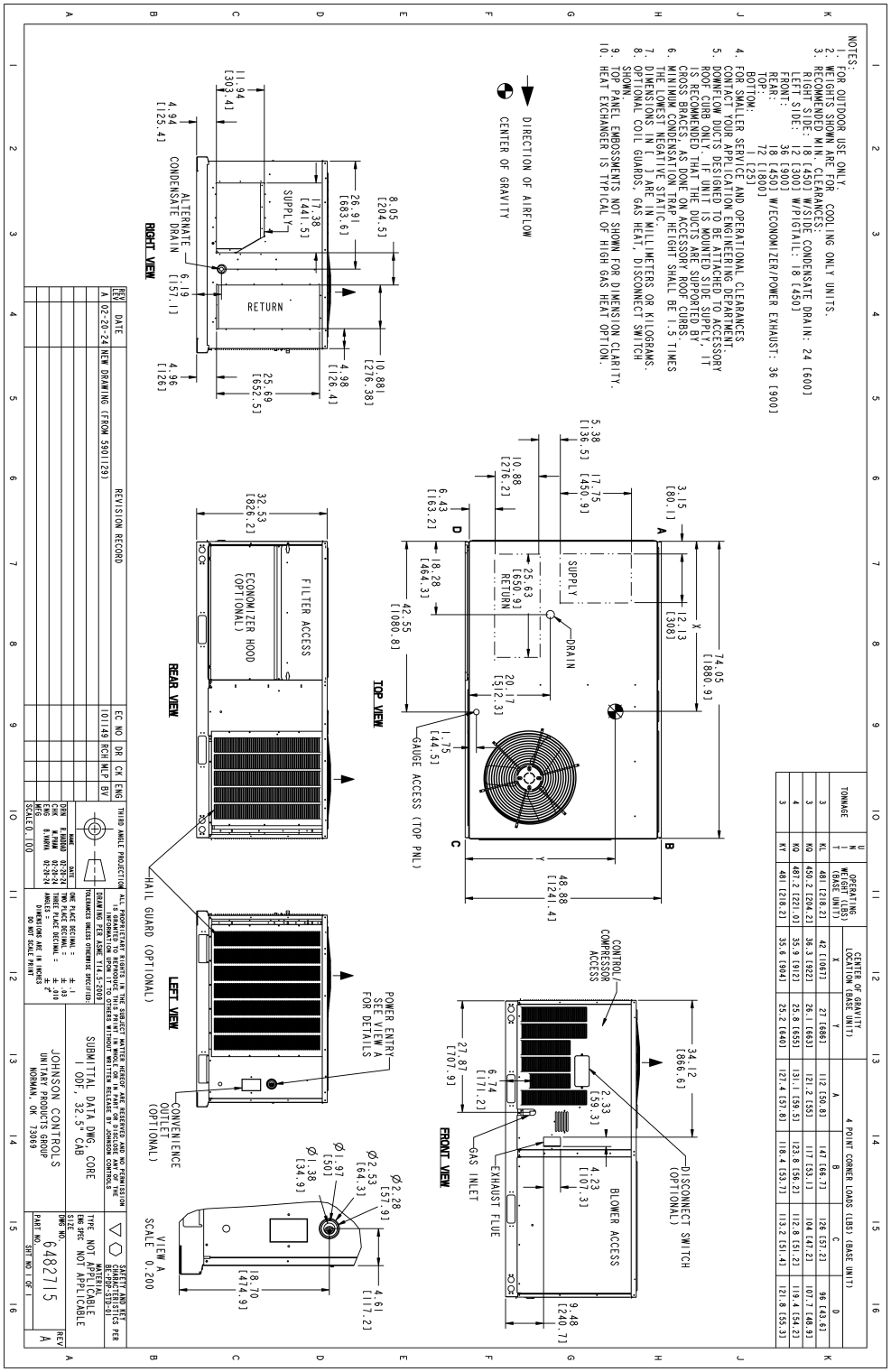


Figure 11: KQ06, KXA7, KY05-06, and KL05-06

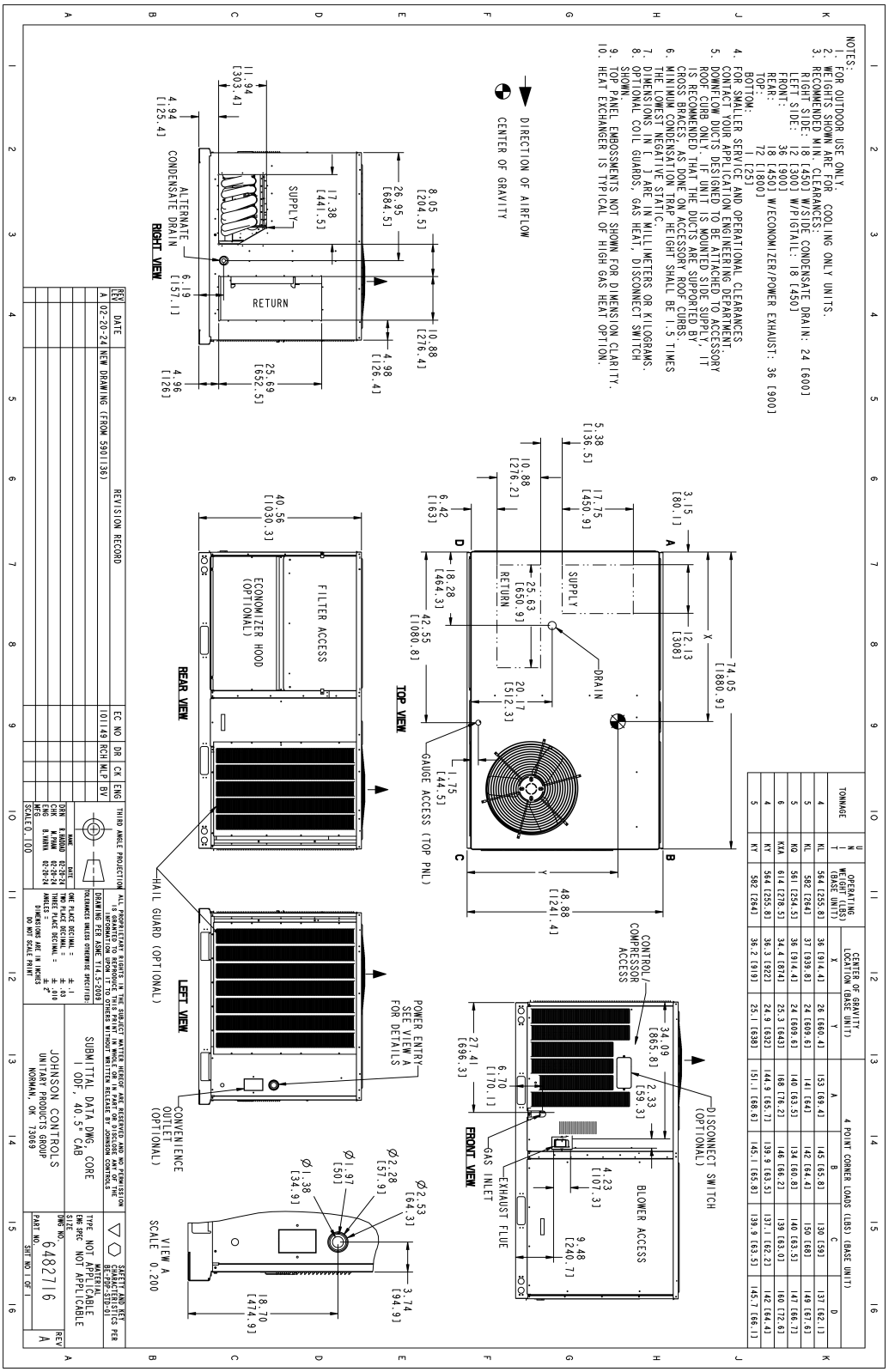


Figure 12: KYA7

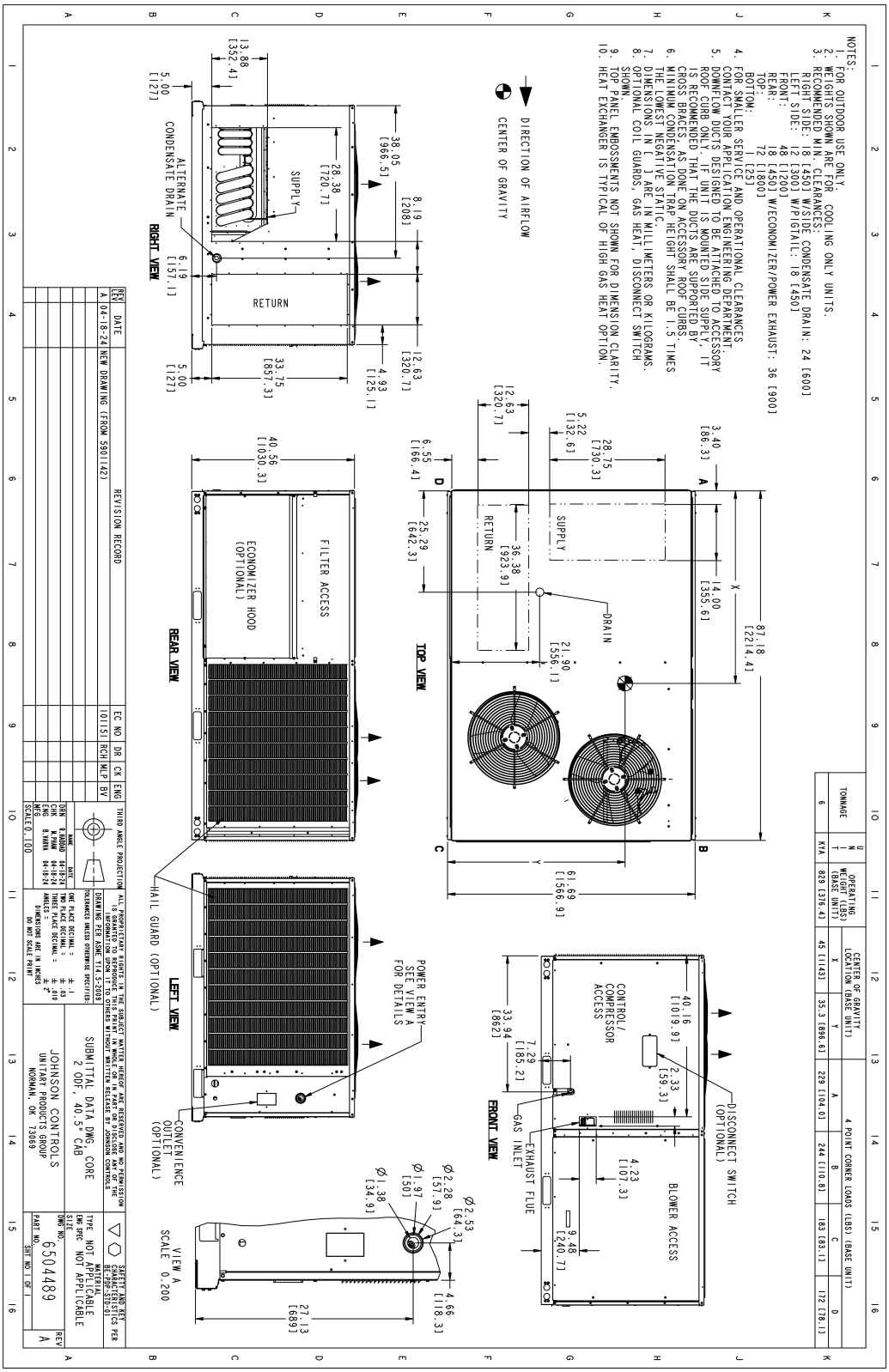


Figure 13: KY08-09 and KL08-09

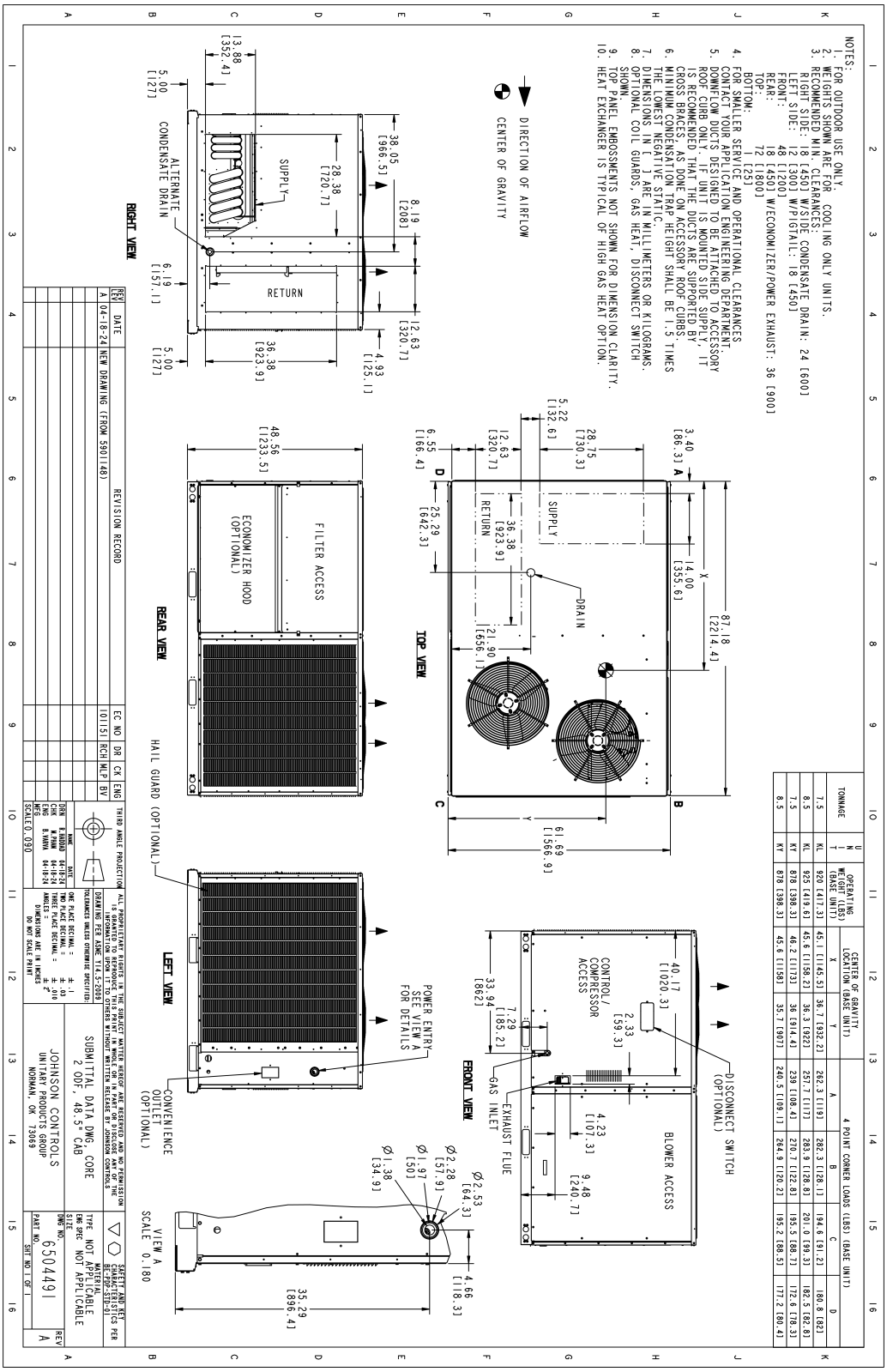


Figure 14: KY12 and KL12-14

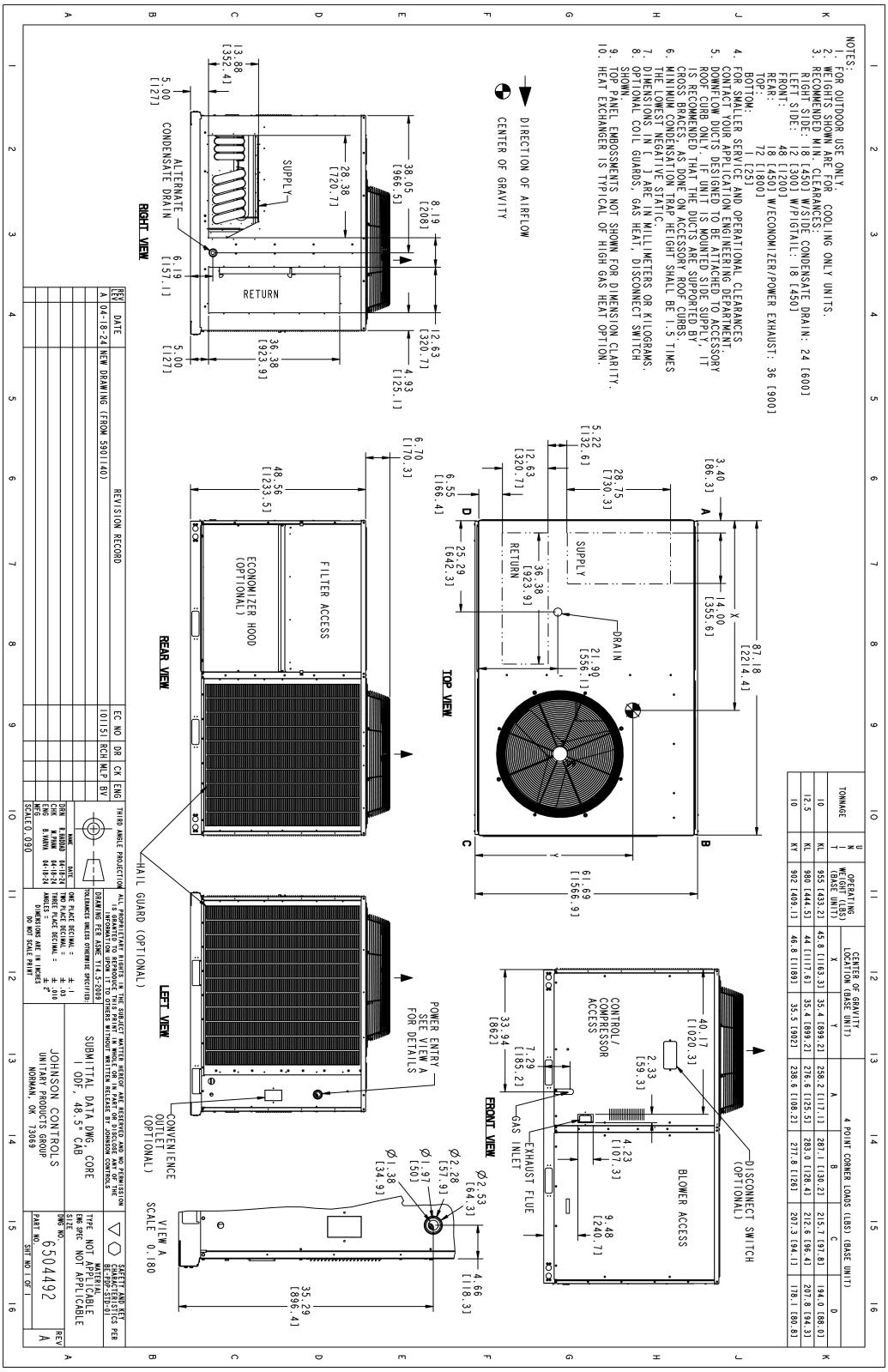


Table 177: KQ04-06, KXA7, KY04-06, and KL04-06 unit clearances

Direction	Distance (in.)	Direction	Distance (in.)
Top[1]	72	Right	18
Front	36	Left	12
Rear	18[2]/36[3]	Bottom[4]	1

1 Units must be installed outdoors. Over hanging structure or shrubs should not obscure condenser air discharge outlet.
2 Units without economizer or power exhaust.
3 Units equipped with an economizer or power exhaust. Flue products must not be discharged within 10 ft of the rear of the unit.
4 Units may be installed on combustible floors made from wood or class A, B or C roof covering materials.

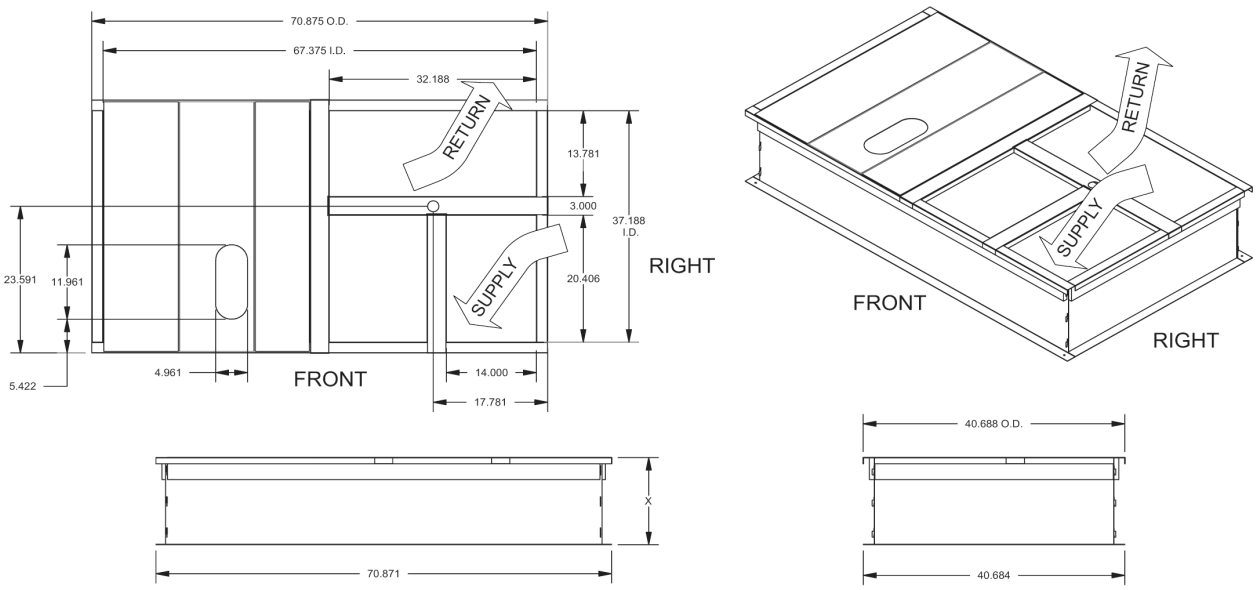
Table 178: KYA7-12 and KL08-14 unit clearances

Direction	Distance (in.)	Direction	Distance (in.)
[1] Top[1]	72	Right	18
Front	48	Left	12
Rear	[2, 3] 18[2]/36[3]	[4] Bottom[4]	1

1 Units must be installed outdoors. Over hanging structure or shrubs should not obscure condenser air discharge outlet.
2 Units without economizer or power exhaust.
3 Units equipped with an economizer or power exhaust. Flue products must not be discharged within 10 ft of the rear of the unit.
4 Units may be installed on combustible floors made from wood or class A, B or C roof covering materials.

KQ04-06, KXA7, KY04-06, and KL04-14 unit roof curb dimensions

Figure 15: 1RC0456, 1RC0458 roof curb dimensions



1RC0456 X= 14" Height
1RC0458 X= 24" Height

Notes:
1. Sides, ends and cross support are 18-G90. Deck pans, R/A & S/A supports are 20-G90.
2. Full perimeter wood nailer.
3. Insulated deck pans.

Table 179: Unit models used with 1RC0456, 1RC0458 roof curb

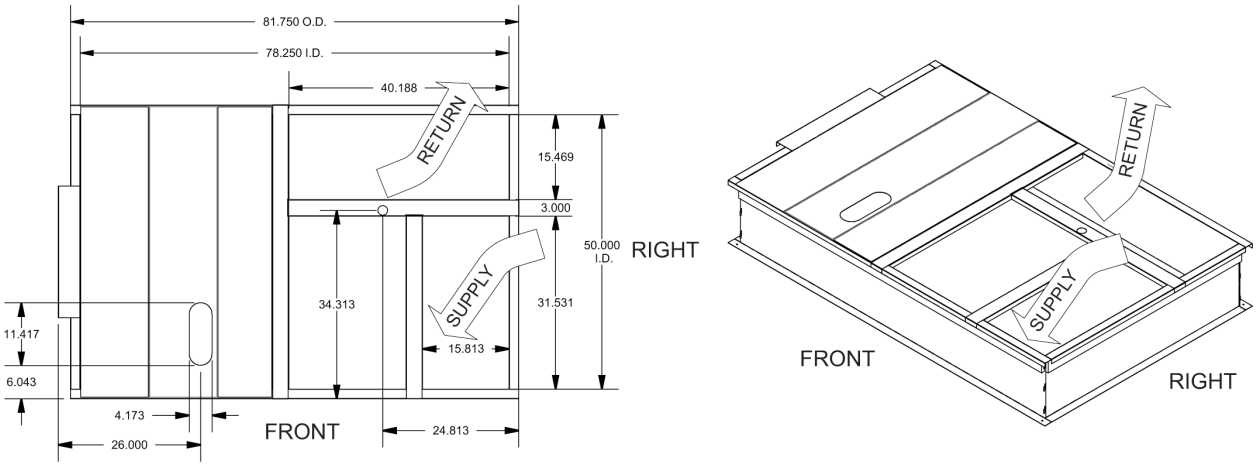
• KQ04	• KXA7	• KY04	•KL04
• KQ05		• KY05	•KL05
• KQ06		• KY06	•KL06

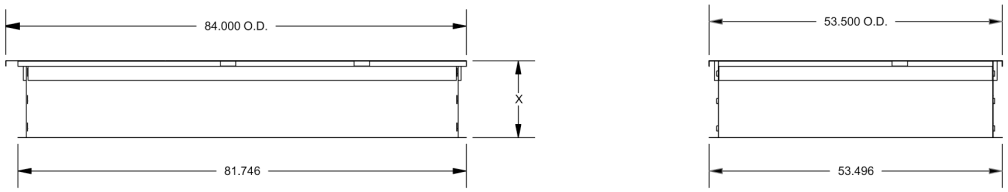
ⓘ **Note:** If utilities are required through the base of the unit or through the roof curb the following field installed accessories can be purchased through your dealer or contractor.

ⓘ **Note:** 1TB0401 - Thru the base electrical and through the curb gas

1TB0403 - Thru the base electrical and gas

Figure 16: 1RC0457, 1RC0459 roof curb dimensions





1RC0457 X= 14" Height
1RC0459 X= 24" Height

Notes:
1. Sides, ends, unit locator and cross support are 18-G90. Deck pans, R/A & S/A supports are 20-G90.
2. Full perimeter wood nailer.
3. Insulated deck pans.

Table 180: Unit models used with 1RC0457, 1RC0459 roof curb

• KYA7	• KY09	•KL08	•KL12
• KY08	• KY12	•KL09	•KL14

ⓘ **Note:** If utilities are required through the base of the unit or through the roof curb the following field installed accessories can be purchased through your dealer or contractor:

ⓘ **Note:** 1TB0402 - Through the base electrical and through the curb gas,

1TB0404 - Through the base electrical and gas

Economizer options

Table 181: Economizer usage

Application	Description	Accessory kit number
Economizer vertical flow Smart Equipment Control	Econ, DB, vertical flow, small footprint	2EE04711424
	Econ, DB, vertical flow, large footprint	2EE04711524
Economizer horizontal flow Smart Equipment Control	Econ, DB, horizontal flow, small footprint, short cabinet	2EE04707024
	Econ, DB, horizontal flow, small footprint, tall cabinet	2EE04707124
	Econ, DB, horizontal flow, large footprint, short cabinet	2EE04707224
	Econ, DB, horizontal flow, large footprint, tall cabinet	2EE04707324
Power exhaust vertical flow	Power exhaust vert flow small footprint 208 V-230 V 1-ph	2PE04704206
	Power exhaust vert flow small footprint 208 V-230 V 3-ph	2PE04704225
	Power exhaust vert flow small footprint 460 V 3-ph	2PE04704246
	Power exhaust vert flow small footprint 575 V 3-ph	2PE04704258
	Power exhaust vert flow large footprint 208 V-230 V 1-ph	2PE04704306
	Power exhaust vert flow large footprint 208 V-230 V 3-ph	2PE04704325
	Power exhaust vert flow large footprint 460 V 3-ph	2PE04704346
	Power exhaust vert flow large footprint 575 V 3-ph	2PE04704358
Power exhaust horizontal flow	Power exhaust horiz flow small footprint 208 V-230 V 1-ph	2PE04704406
	Power exhaust horiz flow small footprint 208 V-230 V 3-ph	2PE04704425
	Power exhaust horiz flow small footprint 460 V 3-ph	2PE04704446
	Power exhaust horiz flow small footprint 575 V 3-ph	2PE04704458
	Power exhaust horiz flow large footprint 208 V-230 V 1-ph	2PE04704506
	Power exhaust horiz flow large footprint 208 V-230 V 3-ph	2PE04704525
	Power exhaust horiz flow large footprint 460 V 3-ph	2PE04704546
	Power exhaust horiz flow large footprint 575 V 3-ph	2PE04704558

Figure 17: Field Installed vertical flow economizer

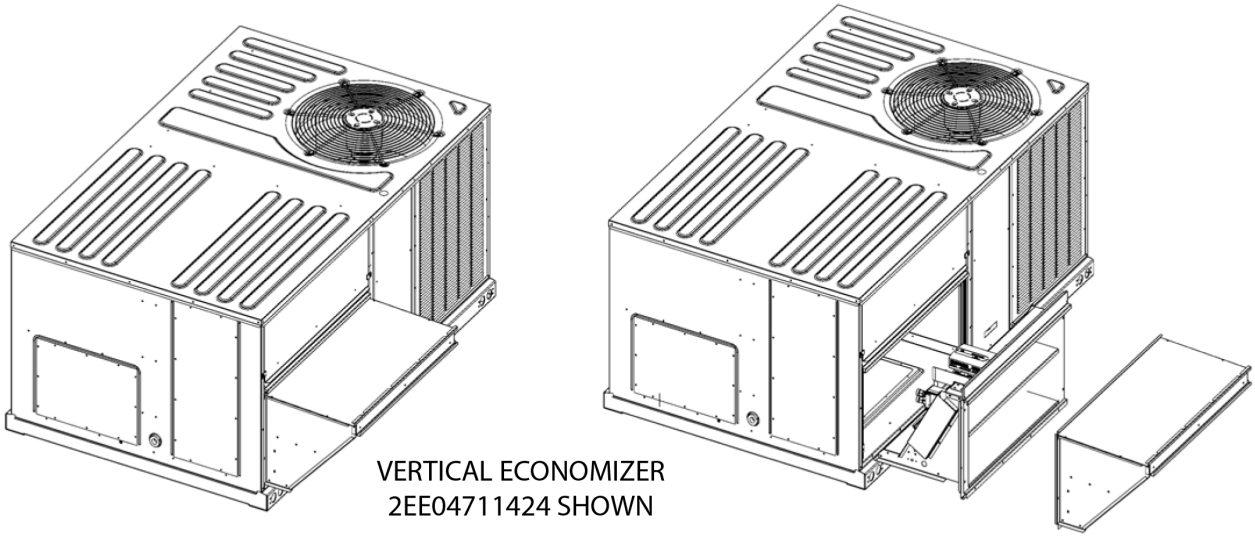
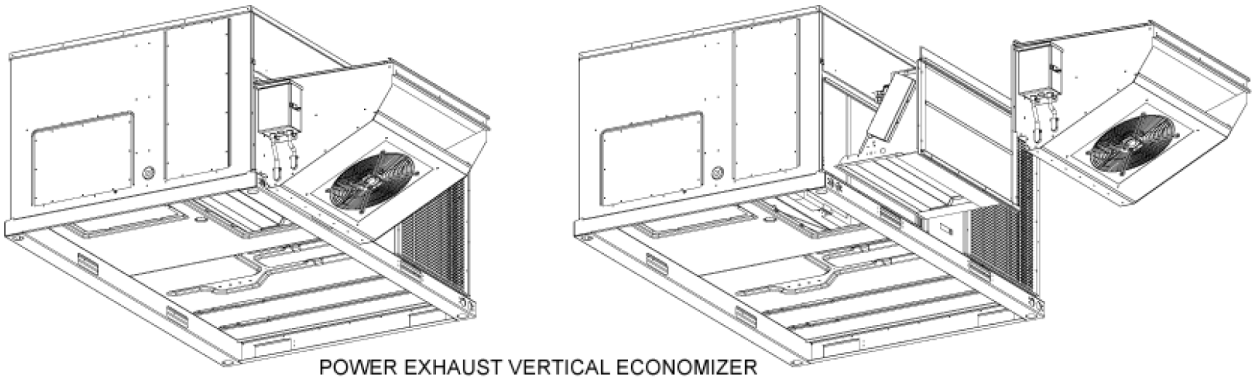


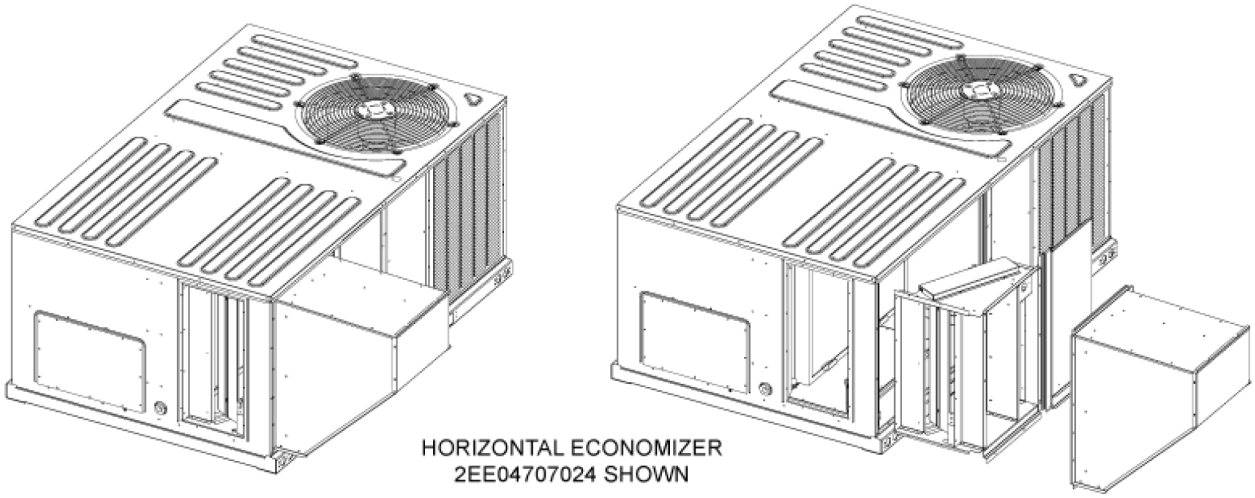
Figure 18: Field installed vertical flow economizer w/power exhaust



POWER EXHAUST VERTICAL ECONOMIZER
2PE04704206 SHOWN

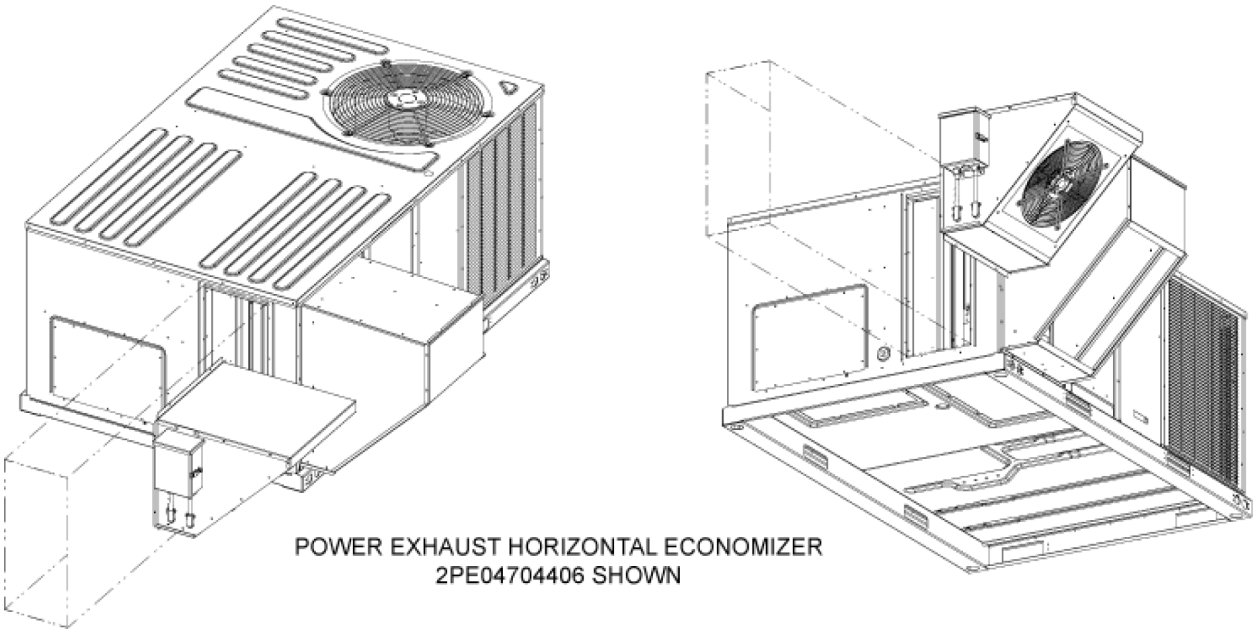
—

Figure 19: Field installed horizontal flow economizer



HORIZONTAL ECONOMIZER
2EE04707024 SHOWN

Figure 20: Field installed horizontal flow economizer w/power exhaust



GUIDE SPECIFICATIONS

GUIDE MECHANICAL SPECIFICATIONS
SINGLE PACKAGE AIR CONDITIONERS

3 THRU 12-1/2 NOMINAL TONS

Core SERIES

Size Range: 3 to 12-1/2 Tons Nominal Cooling

45,000 to 200,000 BTUH Nominal Gas Heating Output

Model Series: KX, KY, KQ & KL

DIVISION 23 – HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)

Number Title

23 00 00 HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)

23 06 80 Schedules for Decentralized HVAC Equipment

23 06 80.13 Decentralized Unitary HVAC Equipment Schedule
23 06 80.13.A. Rooftop unit schedule
1. Schedule is per the project specification requirements.

23 07 16 HVAC Equipment Insulation
23 07 16.13.C. Economizer and Control compartment:
1. Interior cabinet surfaces shall be insulated with a minimum 1/2 in. thick, foil faced fiber glass insulation with thermal conductivity of 0.24 or better, adhered with acrylate polymer based adhesive
2. Insulation and adhesive shall meet NFPA 90A requirements for flame spread and smoke generation.

23 09 13 Instrumentation and Control Devices for HVAC
23 09 13.23 Sensors and Transmitters
23 09 13.23.A. Thermostats
1. Thermostat must
   a. Energize “Y” when calling for cooling and “W” when calling for heating.
   b. Shall have capability to energize 2 stages of cooling and 2 stages of heating.

23 09 23 Direct-digital Control system for HVAC
23 09 23.13 Decentralized, Rooftop Units:
23 09 23.13.B. ETC Control
1. Unit shall be complete with self-contained low-voltage control circuit protected by a resettable circuit breaker on the 24-volt transformer side.
2. Unit shall incorporate a lockout circuit which provides reset capability at the space thermostat or base unit, should any of the following standard safety devices trip and shut off compressor.
3. Loss-of-charge/Low-pressure switch.
4. High-pressure switch.
5. Freeze-protection thermostat, evaporator coil.
6. Unit shall incorporate “AUTORESET” compressor over temperature, over current protection.

7. Unit shall operate with conventional thermostat designs and have a low voltage terminal strip for easy hook-up.
8. Unit control board shall have on-board diagnostics and fault code display.
9. Standard controls shall include anti-short cycle and low voltage protection, and permit cooling operation down to 0°F.
10. Control board shall monitor each refrigerant safety switch independently.
11. Control board shall retain last 5 fault codes in nonvolatile memory which will not be lost in the event of a power loss.

23 09 33 Electric and Electronic Control System for HVAC

23 09 33.13 Decentralized, Rooftop Units: 23 09 33.13.A. General:

1. Shall be complete with self contained low voltage control circuit protected by a resettable circuit breaker on the 24 v transformer side. Transformer shall have 75VA capability.
2. Shall utilize color coded wiring.
3. Shall include a central control terminal board to conveniently and safely provide connection points for vital con - trol functions such as: smoke detectors, economizer, thermostat, and low and high pressure switches.
4. The heat exchanger shall be controlled by an integrated gas controller (IGC) microprocessor. See heat exchanger section of this specification.

23 09 33.23.B. Safeties:

1. Compressor over temperature, over current. High internal pressure differential.
2. Low pressure switch and high pressure switch
    a. Low pressure switch shall use different color wire than the high pressure switch. The purpose is to assist the installer and service technician to correctly wire and or troubleshoot the rooftop unit.
3. Automatic reset, motor thermal overload protector.
4. Heating section shall be provided with the following minimum protections:
    a. High temperature limit switches.
    b. Induced draft pressure sensor.
    c. Flame rollout switch (e xcept Ultra-Low NOx (ULN) models).
    d. Flame proving controls.

23 40 13 Panel Air Filters

23 40 13.13 Decentralized, Rooftop Units:

23 40 13.13.A. Standard filter section

1. Shall consist of factory installed, low velocity, disposable 1 in. thick fiberglass filters of commercially available sizes.
2. Units can accept 1" or 2" filters and have a field convertible tool less transition.
3. Filters shall be accessible through an access panel; hinged panel with "no tool" removal option is available as described in the unit cabinet section of this specification (23 81 19.13.H).

238119 Self Contained Air Conditioners

23 81 19.13 Small Capacity Self Contained Air Conditioners

23 81 19.13.A. General

1. Outdoor, rooftop mounted, electrically controlled, heating and cooling unit utilizing a fully hermetic, suction gas cooled, direct drive compressor(s) for cooling duty and gas combustion or nickel chromium elements for heat - ing duty.
2. Factory assembled, single piece heating and cooling rooftop unit. Contained within the unit enclosure shall be all factory wiring, piping, controls, and special features required prior to field start up.
3. Unit shall use environmentally sound, R-454B refrigerant.
4. Unit shall be installed in accordance with the manufacturer's instructions.
5. Unit must be selected and installed in compliance with local, state, and federal codes.

23 81 19.13.B. Quality Assurance

1. Unit meets ASHRAE 90.1 minimum efficiency requirements.
2. Unit shall be rated in accordance with AHRI Standards 210/240 or 340/360.
3. Unit shall be designed to conform to ASHRAE 15, 2001.
4. Unit shall be UL tested and certified in accordance with ANSI Z21.47 -2012/CSA 2.3-2012, CSA C22.2 No. 236-11 (UL 1995) 4th edition and CSA C22.2 No. 3 - M 1988.
5. Insulation and adhesive shall meet NFPA 90A requirements for flame spread and smoke generation.
6. Unit casing shall be capable of withstanding 1000 hour salt spray exposure per ASTM B117 (scribed specimen).
7. Unit shall be designed in accordance with ISO 9001, and shall be manufactured in a facility registered by ISO 9001.
8. Roof curb shall be designed to conform to NRCA Standards.
9. Unit shall be subjected to a completely automated run test on the assembly line. The data for each unit will be stored at the factory, and must be available upon request.
10. Unit shall be designed in accordance with UL Standard 1995, including tested to withstand rain.
11. Unit shall be constructed to prevent intrusion of snow and tested to prevent snow intrusion into the control box
12. Unit shake tested to assurance Truck 2, ASTM D4169 to ensure shipping reliability.

23 81 19.13.C. Delivery, Storage, and Handling

1. Unit shall be stored and handled per manufacturer's recommendations.
2. Overhead crane can be used to place the units on a roof using rigging holes built into the unit base rails without any additions to the unit.
3. Unit shall only be stored or positioned in the upright position.

23 81 19.13.E. Project Conditions

As specified in the contract.

23 81 19.13.F. Operating Characteristics

1. Unit shall be capable of starting and running at 125°F (52°C) ambient outdoor temperature, meeting maximum load criteria of AHRI Standard 210/240 or 340/360 at ± 10% voltage.
2. Compressor with standard controls shall be capable of operation down to 30°F (-1°C), ambient outdoor temperatures.
3. Unit shall discharge supply air vertically or horizontally as shown on contract drawings.
4. Unit shall be factory configured for vertical supply & return configurations.
5. Unit shall be field convertible from vertical to horizontal airflow on all models.
6. Unit shall be capable of mixed operation: vertical supply with horizontal return or horizontal supply with vertical return.

23 81 19.13.I. Gas Heat

1. General
    a. Heat exchanger shall be an induced draft design. Positive pressure heat exchanger designs shall not be allowed.
    b. Shall incorporate a direct spark ignition system and redundant main gas valve.
    c. Gas supply pressure at the inlet to the rooftop unit gas valve must match that required by the manufacturer.
2. The heat exchanger shall be controlled by an integrated gas controller (IGC) microprocessor.
    a. IGC board shall notify users of fault using an LED (light emitting diode).
    b. The LED shall be visible without removing the control box access panel.
    c. IGC board shall contain algorithms that modify evaporator fan operation to prevent future cycling on high temperature limit switch.
    d. Unit shall be equipped with anti cycle protection with one short cycle on unit flame rollout switch

or 4 continuous short cycles on the high temperature limit switch. Fault indication shall be made using an LED.

3. Standard Heat Exchanger construction

a. Heat exchanger shall be of the tubular section type constructed of a minimum of 20 gauge steel coated with a nominal 1.2mil aluminum silicone alloy for corrosion resistance.
b. Burners shall be of the in shot type constructed of aluminum coated steel. Note: Burners for Ultra-Low NOx models are pre-mix type.
c. Burners shall incorporate orifices for rated heat output up to 2000 ft. (610m) elevation. Additional accessory kits may be required for applications above 2000 ft. (610m) elevation, depending on local gas supply conditions.
d. Each heat exchanger tube shall contain multiple dimples for increased heating effectiveness.

4. Optional Stainless Steel Heat Exchanger construction

a. Use energy saving, direct spark ignition system.
b. Use a redundant main gas valve.
c. Burners shall be of the in shot type constructed of aluminum coated steel. Note: Burners for Ultra-Low NOx models are pre-mix type.
d. All gas piping shall enter the unit cabinet at a single location on side of unit (horizontal plane).
e. The optional stainless steel heat exchanger shall be of the tubular section type, constructed of a minimum of 20 gauge type 409 or 439 stainless steel.
f. Type 409 or 439 stainless steel shall be used in heat exchanger tubes and vestibule plate.

5. Optional Low NOx Heat Exchanger construction

a. Low NOx reduction shall be provided to reduce nitrous oxide emissions to meet California's Air Quality Management District (SCAQMD) low NOx emissions requirement of 40 nanograms per joule or less.
b. Ultra-Low NOx (ULN) models shall meet current SCAQMD NOx emissions requirement of 14 nanograms per joule or less.

6. Induced draft combustion motor and blower

a. Shall be a direct drive, single inlet, forward curved centrifugal type.
b. Shall be made from steel with a corrosion resistant finish.
c. Shall have permanently lubricated sealed bearings.
d. Shall have inherent thermal overload protection.
e. Shall have an automatic reset feature.

23 81 19.13.L. Refrigerant Circuits

1. All units shall have one or two refrigerant circuits.
2. Refrigerant circuit shall include the following control, safety, and maintenance features:
    1. Refrigerant filter drier Solid core design.
    2. Service gauge connections on suction and discharge lines.
3. Compressors
    1. Unit shall use fully hermetic, scroll compressors for each independent refrigeration circuit.
    2. Compressor motors shall be cooled by refrigerant gas passing through motor windings.
    3. Compressors shall be internally protected from high discharge temperature conditions.
    4. Compressors shall be protected from an over temperature and over amperage conditions by an inter - nal, motor overload device.
    5. Compressor shall be factory mounted on rubber grommets.
    6. Compressor motors shall have internal line break thermal, current overload and high pressure differen - tial protection.
    7. All non-Scroll compressors include Crankcase heaters.

23 81 19.13.M.Filter Section

1. Filters access is specified in the unit cabinet section of this specification.

23 81 19.13.N. Evaporator Fan and Motor

1. Evaporator fan motor:
    a. Shall have permanently lubricated ball-bearings.
    b. Shall have inherent automatic reset thermal overload protection.
    c. The job site selected brake horsepower shall be required to not exceed the motor's nameplate horsepower rating plus the service factor.
2. Evaporator Fan:
    a. Fan shall be a factory installed direct-drive (optional) or standard belt drive assembly with an adjustable pitch motor pulley.
    b. Shall use sealed, permanently lubricated ball
    c. Blower fan shall be double inlet type with forward curved blades.
    d. Shall be constructed from steel with a corrosion resistant finish and dynamically balanced.

23 81 19.13.O. Multi-speed Fan Control

1. IntelliSpeed staged air volume system:
    a. Fan speed shall be matched with staging of compressor operation.
2. Variable Frequency Drive (VFD):
    a. Shall contain a variable frequency drive tied to the evaporator fan motor.
    b. Shall be installed inside the unit cabinet, mounted, wired and tested.
    c. Shall contain Electromagnetic Interference (EMI) frequency protection.
    d. Insulated Gate Bi Polar Transistors (IGBT) used to produce the output pulse width modulated (PWM) waveform.
    e. Built in LED display and controls. Does not require additional kit or options.
    f. RS485 capability standard.
    g. Electronic thermal overload protection.
    h. 5% swinging chokes for harmonic reduction and improved power factor.
    i. All printed circuit boards shall be conformal coated.

23 81 19.13.P. Condenser Fans and Motors

1. Condenser fan motors:
    a. Shall be a totally enclosed motor.
    b. Shall use permanently lubricated ball-bearings.
    c. Shall have inherent thermal overload protection with an automatic reset feature.
    d. Shall use a shaft down design.
2. Condenser Fans:
    a. Shall be a direct driven propeller type fan.
    b. Shall have aluminum blades riveted to corrosion resistant steel spider brackets and be dynamically balanced.

23 81 19.13.Q. Special Features Options and Accessories

1. Standard Integrated Economizer:
    a. Integrated, gear driven opposing modulating blade design type capable of simultaneous economizer and compressor operation.
    b. Independent modules for vertical or horizontal return configuration shall be available. Vertical return modules shall be available as a factory installed option.
    c. Damper blades shall be galvanized steel with metal gears. Plastic or composite blades on intake or return shall not be acceptable.
    d. Damper blades shall be class 1A dampers.
    e. Shall include all hardware and controls to provide free cooling with outdoor air when temperature and/or humidity are below set points.
    f. Shall be equipped with gear driven dampers for both the outdoor ventilation air and the return air for positive air stream control.

g. Economizer shall comply with, and be certified to, the AMCA 511 standard.
h. Standard leak rate shall be equipped with dampers not to exceed 3 cfm/ft2 leakage at 1 in. wg pressure differential.
i. Johnson Controls RRS Economizer shall be the field installed option for units equipped with the ETC controller
    1. On board Fault Detection and Diagnostics (FDD) that senses and alerts when the economizer is notoperating properly, meets the requirements for California Title 24, IECC 2015, and ASHRAE 90.1
    2. Display alarms if the following occur
        i. Economizer is economizing when conditions do not support
        ii. Economizer is not economizing when conditions do support
        iii. Damper Stuck
        iv. Excess Outdoor Air
        v. Failed Sensor
    3. Automatic sensor detection
    4. Capabilities for use with multiple speed indoor fan systems
    5. Utilize digital sensors: Dry bulb and Enthalpy
    6. UL, CSA, and ICES-003 recognized and FCC compliant to CFR47
j. Shall be capable of introducing up to 100% outdoor air.
k. Shall be equipped with a barometric relief damper capable of relieving up to 100% return air and contain seals that meet ASHRAE 90.1 requirements. Barometric relief can be replaced by optional power exhaust.
l. Shall be designed to close damper(s) during loss of power situations with spring return built into motor.
m. Dry bulb outdoor air temperature sensor shall be provided as standard. Enthalpy sensor is also available on factory installed only. Outdoor air sensor set point shall be adjustable and shall range from 40° to 80°F / 4° to27°C. Additional sensor options shall be available as accessories.
n. The economizer controller shall also provide control of an accessory power exhaust unit function. Factory set at 100%, with a range of 0% to 100%.
o. The economizer shall maintain minimum airflow into the building during occupied period and provide design ventilation rate for full occupancy.
p. Dampers shall be completely closed when the unit is in the unoccupied mode.
q. Economizer controller shall accept a 2 10 Vdc CO2 sensor input for IAQ/DCV control. In this mode, dampers shall modulate the outdoor air damper to provide ventilation based on the sensor input.
r. Actuator shall be direct coupled to economizer gear. No linkage arms or control rods shall be acceptable.
s. Economizer controller shall provide indications when in free cooling mode, in the DCV mode, or the exhaust fan contact is closed.

2. Barometric Relief Kit
    a. Shall contain all materials necessary to field install a barometric relief damper capable of relieving up to 100% return air and contain seals that meet ASHRAE 90.1 requirements.
3. Manual Fresh Air Damper
    a. Shall contain all materials necessary to field install a manual fresh air damper.
    b. Shall include a slide-in damper assembly with an outdoor hood and filters.
    c. Shall be available with either a range of 0%-100% outdoor air entry or 0%-35% outdoor air entry.
4. Motorized Damper
    a. Damper shall be a Two Position Damper. Damper travel shall be from the full closed position to the field adjustable % open setpoint.
    b. Damper shall include adjustable damper travel from 0% to 100% (full open).
    c. Damper shall include single or dual blade, gear driven dampers and actuator motor.

d. Actuator shall be direct coupled to damper gear. No linkage arms or control rods shall be acceptable.
e. Damper will admit up to 100% outdoor air for applicable rooftop units.
f. Damper shall close upon indoor (evaporator) fan shutoff and/or loss of power.
g. The damper actuator shall plug into the rooftop unit's wiring harness plug. No hard wiring shall be required.
h. Outside air hood shall include aluminum water entrainment filter.

5. Manual damper
    a. Manual damper package shall consist of damper, air inlet screen, and rain hood which can be preset to admit up to 25 or 50% outdoor air for year round ventilation.
6. Propeller Power Exhaust:
    a. Power exhaust shall be used in conjunction with an integrated economizer.
    b. Horizontal power exhaust shall be mounted in return ductwork.
    c. Power exhaust shall be controlled by economizer controller operation. Exhaust fans shall be energized when dampers open past the 0 100% adjustable set point on the economizer control.
7. Single Enthalpy Sensor Kit
    a. The single enthalpy sensor kit shall provide a relative humidity sensor to be mounted in the outdoor air stream to provide single enthalpy economizer control
    b. The sensor allows the unit to determine if outside air is suitable for free cooling.
8. Dual Enthalpy Sensor Kit:
    a. The dual enthalpy sensor kit shall provide 2 relative humidity sensors to be mounted in the return and outdoor air streams to provide dual enthalpy economizer control.
    b. This kit contains all components required for dual enthalpy control and does not need to be used in conjunction with the Single Enthalpy Sensor Kit.
9. CO2 Sensor:
    a. Shall be able to provide demand ventilation control for indoor air quality (IAQ) or outdoor air quality (OAQ).
    b. The CO2 sensor shall be available in duct mount or wall mount with LED display.
    c. The set-points for IAQ and OAQ shall have adjustment capability between 0 and 5000 ppm in the RRS Economizer controls.
10. Smoke detectors:
    a. Shall be a Four Wire Controller and Detector.
    b. Shall be environmental compensated with differential sensing for reliable, stable, and drift free sensi - tivity.
    c. Shall use magnet activated test/reset sensor switches.
    d. Shall have a recessed momentary switch for testing and resetting the detector.
    e. Controller shall include:
        1. One set of normally open alarm initiation contacts for connection to an initiating device cir - cuit on a fire alarm control panel.
        2. Two Form C auxiliary alarm relays for interface with rooftop unit or other equipment.
        3. One Form C supervision (trouble) relay to control the operation of the Trouble LED on a remote test/reset station.
        4. Capable of direct connection to two individual detector modules.
        5. Can be wired to up to 49 other duct smoke detectors for multiple fan shutdown applications

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