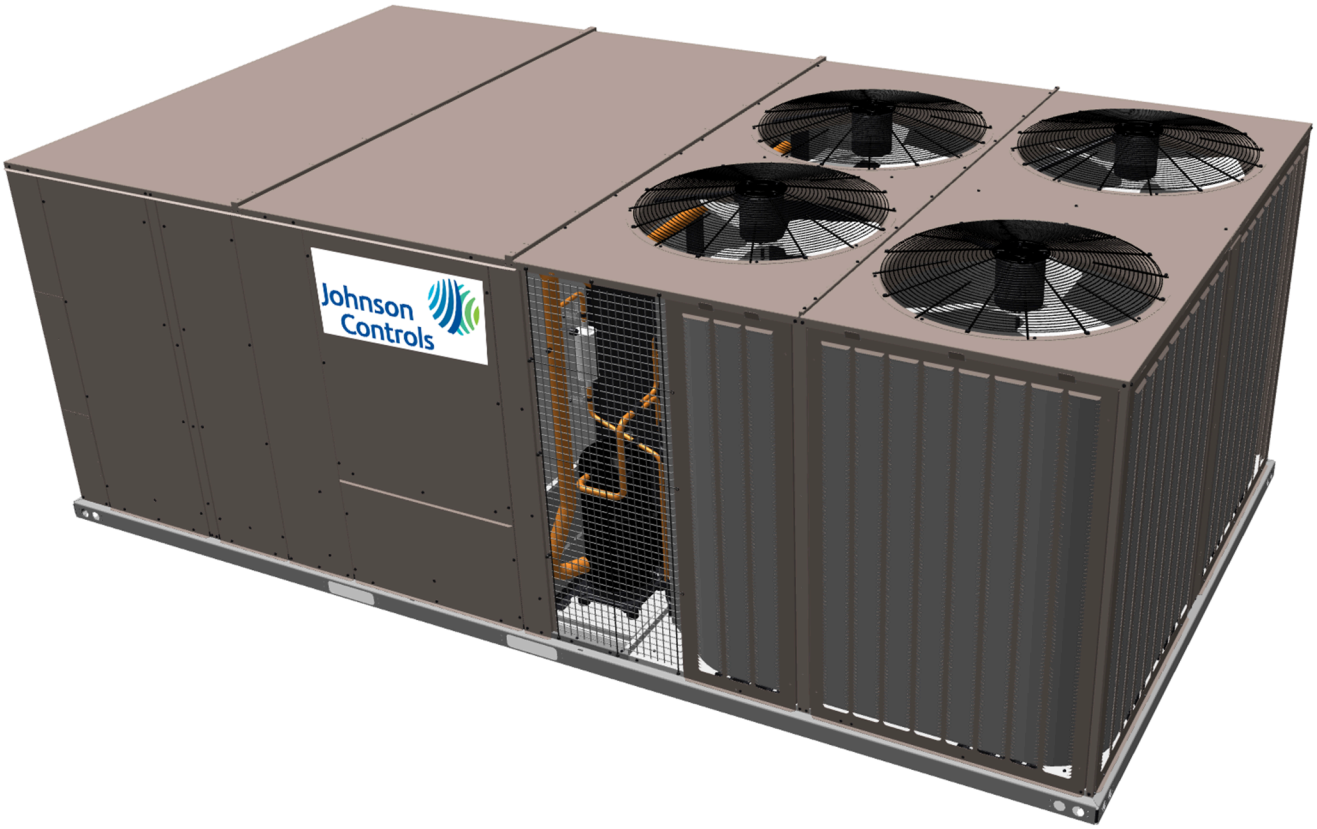
Technical Guide: Johnson Controls Choice KD15 to KD28

R-454B, 60 Hertz



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Description

The Johnson Controls Choice 15 to 27.5 ton platform is designed with all the flexibility needed for today's applications, while simultaneously meeting tomorrow's efficiency requirements. Realizing that efficiency requirements are continuously pushing the envelope of technology, standard efficiency Choice units meet the latest U.S. Department of Energy (DOE) efficiency requirements where IntelliSpeed and variable air volume (VAV) airflow options deliver energy efficiency exceeding the DOE mandates for 2023. Achieving efficiencies as high as 14.8 IEER (cooling only/electric heat) and 14.6 IEER (gas heat), the standard efficiency Choice product line provides users with significant energy savings alongside impressive flexibility and unparalleled reliability.

All models are available with extensive options and accessories provided both through factory installation and field kits. Airflow requirements are met through IntelliSpeed discrete fan control, and VAV blower configurations. All tonnages can be configured for cooling only, electric heating, staged gas heating, or modulating gas heating. Near limitless flexibility is available with custom modifications provided by the Norman Modification Center located in the HVAC Rooftop Center of Excellence in Norman, Oklahoma.

The units are tested in accordance with the following:

Product highlights

- The Smart Equipment™ Controls streamlines commissioning, integration, and service
- Industry leading standard efficiency, up to 14.8 IEER, designed to meet DOE 2023 efficiency requirements
- Two independent refrigerant circuits
- Two stages of cooling and four stages of cooling, IntelliSpeed and VAV, to meet advanced building code requirements
- Three unique airflow options in each tonnage, 2-stage IntelliSpeed, 4-stage IntelliSpeed, and VAV
- The footprint design allows for direct replacement of multiple competitive models, Carrier and Trane, without a transition curb
- Reliability is designed for all products and tested at the component and system level at the Advanced Technology Lab in Norman, Oklahoma
- Factory installed staged gas heat and factory or field installed electric heat
- Optional modulating gas heat furnace with standard stainless steel heat exchanger that cannot be converted to propane
- Optional modulating hot gas reheat for maximum humidity control. The reheat option added to the base model allows for increased flexibility

Unit components

Figure 1: Component location

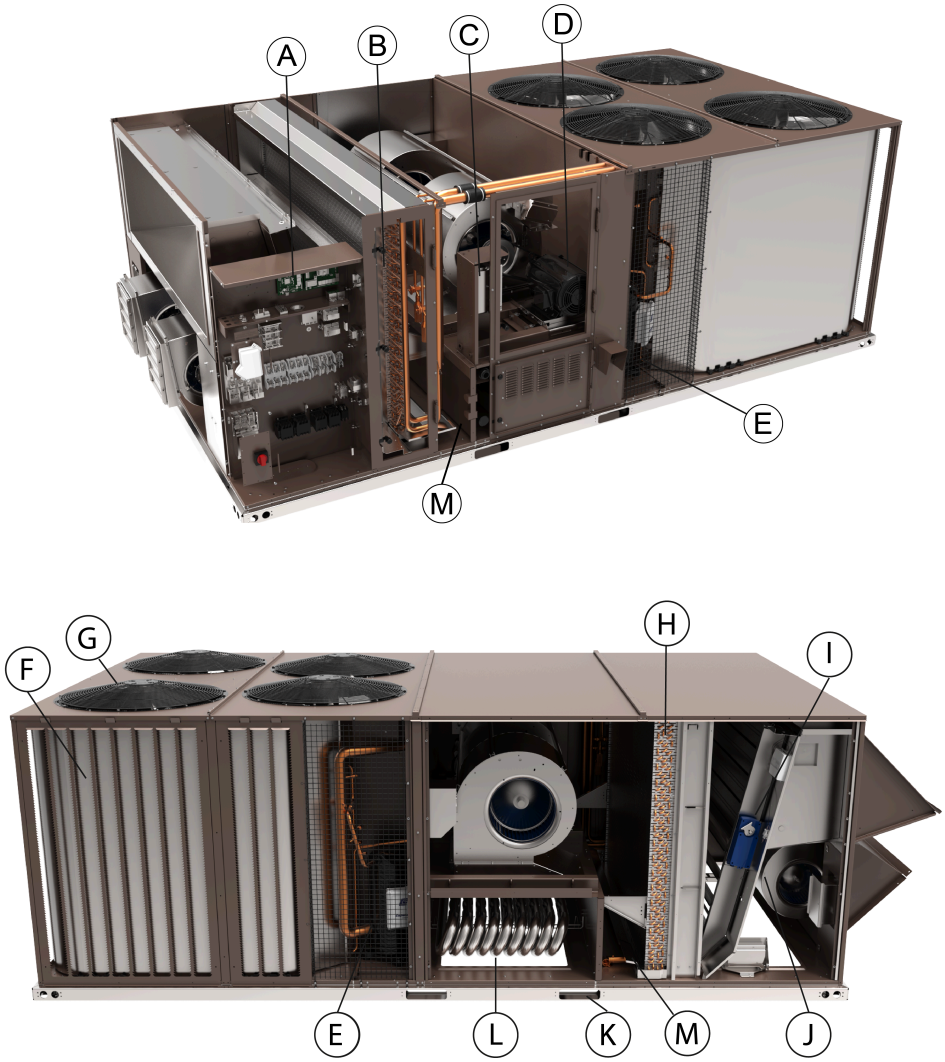
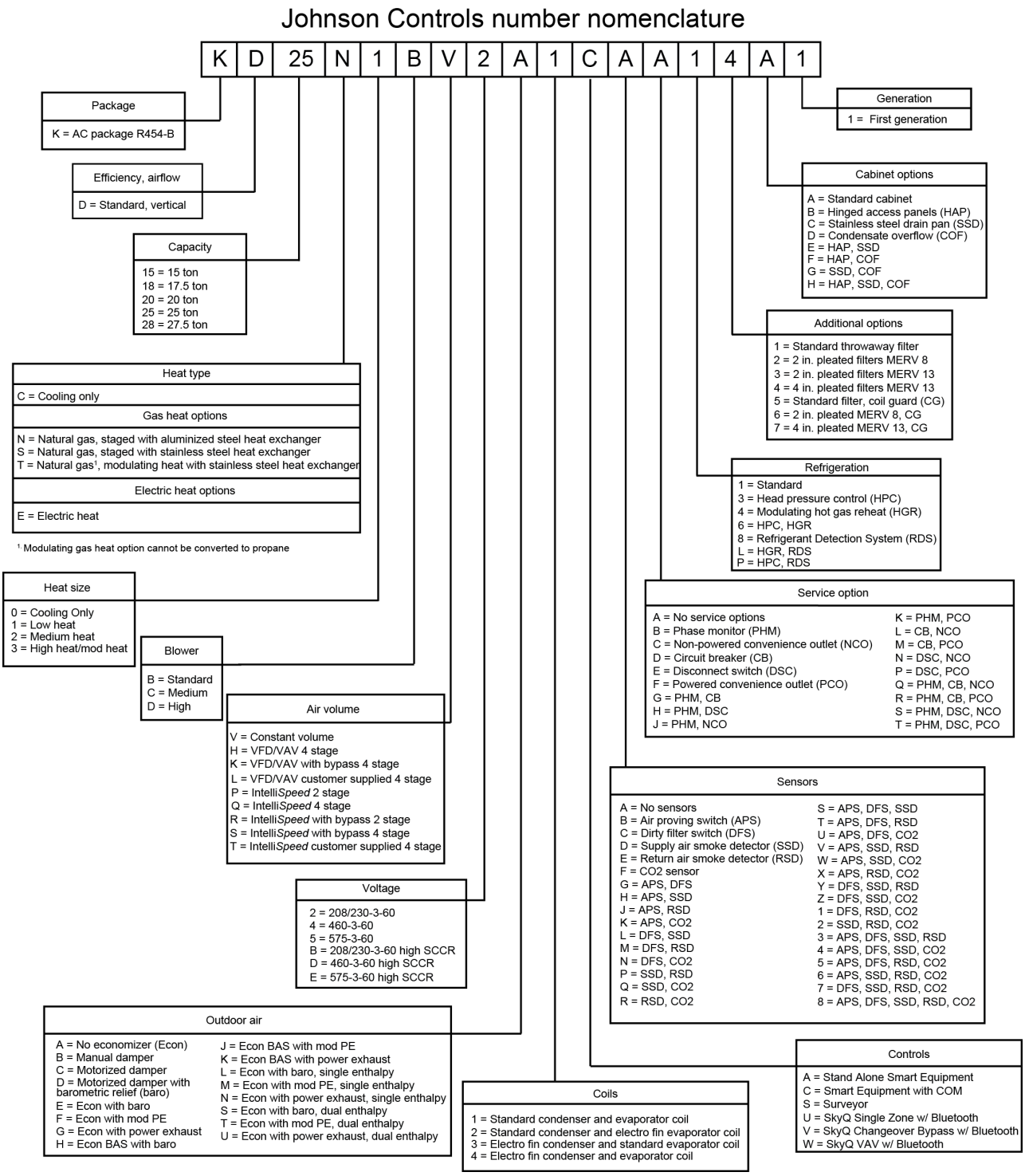


Table 1: Component location table

Item	Description	Item	Description
A	Smart Equipment controls	H	Copper tube/aluminum fin evaporator coil
B	Filter access, 2 in. or 4 in. filter options	I	Optional economizer. Optional manual or motorized outside air dampers not shown.
C	Optional variable frequency drive	J	Optional powered exhaust. Optional barometric relief not shown.
D	Belt drive blower motor with dual centrifugal fan design	K	Full perimeter base rails with holes for overhead rigging
E	Scroll compressors in various arrangements to produce 2 or 4 stages of cooling depending on the selected model	L	Optional staged or modulating gas heat with aluminized or stainless steel heat exchanger. Optional electric heat not shown.
F	MicroChannel condenser coils	M	Refrigerant Leak Detection Sensor
G	Condenser fans		

Nomenclature

Figure 2: Product nomenclature



Features and benefits

Standard features

Johnson Controls Choice units have the following standard features.

Efficiency

Available in standard efficiency cooling only, gas heat, or electric heat, Choice units achieve up to 11.1 EER. IEER ratings as high as 14.8 are specific to each model's heat type and indoor airflow selection to provide dialed in efficiencies for every model classification.

Indoor airflow options

Each tonnage has an industry leading four unique indoor airflow options available for maximum customization to meet the needs of each job site. 2-stage Intelli*Speed*, 4-stage Intelli*Speed*, and variable air volume (VAV) configurations each have a dedicated airflow and compressor staging algorithm designed to maximize efficiency and reliability. Variable airflow models, IntelliSpeed or VAV, include a factory installed variable frequency drive (VFD) to modulate the blower airflow.

Refrigerant circuits

All models contain a dual circuit refrigeration design with multiple compressor staging options dependent on the selected airflow option. The 2-stage IntelliSpeed models have two stages of cooling operation, and 4-stage IntelliSpeed and VAV models have four stages of cooling operation.

Variable frequency drive

Factory-installed variable frequency drives (VFD) provide higher efficiency through both IntelliSpeed and variable air volume (VAV) operation. All factory-installed VFDs come with a 5-year manufacturer warranty and provide ease of commissioning with operation through the standard Smart Equipment™ control board and soft start capabilities for improved motor and belt life.

Indoor blower

The indoor blower is a single shaft, dual blower, forward curve centrifugal wheel design. All tonnages use a belt drive motor configuration with options for multiple levels of static resistance. The blower motor is mounted on a motor sled (patent pending) with multidirectional movement for simplified precise adjustments to belt tension and easier belt replacement.



Evaporator coils

All units come with copper tube/aluminum fin evaporator coils.

Condenser coils

All units come with microchannel condenser coils.

Balanced staged heating

All gas heat units are of a tubular design with in-shot burners and induced draft. Standard controls provide two stages of capacity control with an additional option for modulating gas heat. Each section includes a durable heat exchanger with aluminized steel or optional stainless steel tubes, a redundant gas valve, spark ignition, power venting, an ignition module for 100% shut-off, and all of the safety controls required to meet the latest ANSI standards. You can route the gas supply piping into the heating compartment through a hole in the base pan of the unit or through a hole in the piping panel on the front of the unit.

All electric heat models (factory or field installed) include a bank of nickel chromium elements mounted at the discharge of the supply air blower to provide a high velocity and uniform distribution of air across the heating elements. Each element bank is fully protected against excessive current and temperature by fuses and two thermal limit switches.

Advanced, versatile controls

Smart Equipment™ control boards have standardized a number of features previously available only as options or by using additional controls.



All units are factory commissioned, configured, and run tested.

You can configure the Smart Equipment™ control for use with a standard thermostat using the convenient screw terminals or for use with a zone sensor. You can also configure the control to communicate with multiple BAS communication protocols to integrate with building automation systems.

On-board USB port

The Smart Equipment™ control comes standard with an on-board USB port that accepts a common flash drive. You can use the port for features like data logging, listing current and previous system faults, and backing up or updating the software version. Self-test and start up reports are also available through the USB port.

Built-in LCD

The Smart Equipment™ control board has an easy to read, built-in LCD and easy to use navigation joystick and buttons. Users can quickly navigate the menus to view unit status, options, current function, supply, return and outdoor temperatures, fault codes, and other information.

NOTICE

The Smart Equipment control board used in this product can effectively operate the cooling system down to 0°F when this product is applied in a comfort cooling application for people. An economizer is typically included in this type of application. When you apply this product for process cooling applications, such as computer rooms or switchgear, call the applications department for Ducted Systems at 1-877-874-SERV for guidance. Additional accessories may be needed for stable operation at temperatures below 30°F.

Reduced field installed complexity

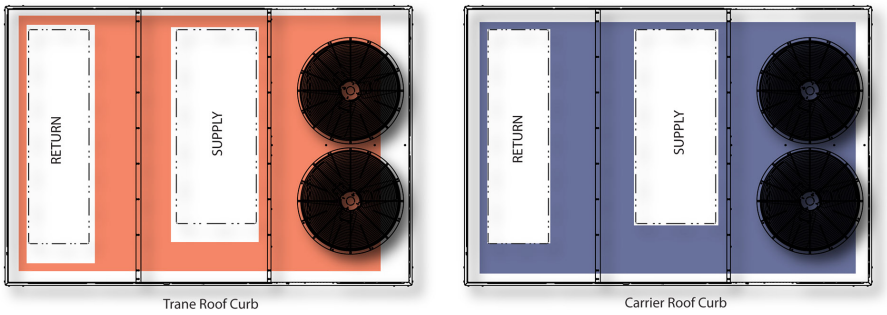
Each unit comes equipped with factory-installed supply air, return air, and outdoor air temperature sensors to provide key temperature readings and reduce field installed complexity.

Standard factory warranty

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

Replacement opportunity with footprint

All tonnages have a meticulously designed footprint providing the unique ability to directly replace, without the need for a transition curb, existing 15 ton to 27.5 ton units from select competitive manufacturers (Carrier and Trane). Airflow testing was conducted on each competitive footprint to ensure full unit performance and operation in these applications. Some utilities may require relocation with guidance from competitive replacement literature.



Trane Roof Curb

Carrier Roof Curb

Dedicated duct configuration

All models are manufactured with a dedicated duct configuration for downflow operation allowing for quick and easy installation without removing or relocating panels.

Utility connections

Gas and electrical utility entries are supplied in the unit underside as well as the side of the unit. You can make utility connections quickly and with a minimum amount of field labor.

Sloped drain pan

All units are provided with a multidirectional sloped condensate drain pan with 1 in. I.D. female connection. Drain pans are sloped in accordance with ASHRAE 62 and are available in composite or stainless steel configurations.

Color-coded and numbered wiring

Wiring is color coded and numbered to match the provided unit wiring diagram to make for easy troubleshooting and field installation.

Convertible filter rack

Units are provided with the selected 2 in. or 4 in. filter. With a simple conversion in the field, units can accept either size filter in the standard filter rack.

Full perimeter base rails

The permanently attached base rails provide a solid foundation for the entire unit and protect the unit during shipment. The rails offer rigging holes so that you can use an overhead crane to place the units on a roof.

Operating conditions

The units are capable of starting and running at 125°F outdoor temperature, exceeding the maximum load criteria of AHRI Standard 340/360. The compressor, with standard controls, is capable of operation down to 45°F outdoor temperature in all installations and as low as 0°F outdoor temperature with cyclic cooling cycles in certain applications. The addition of a low ambient kit allows for cooling operation down to -10°F outdoor temperature. Gas heat is rated to operate in outdoor temperatures down to -40°F.

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 protects the unit if low voltage occurs due to a brown out, or if other electrical issues occur.

Anti-short cycle protection

To aid compressor life, an anti-short 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 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 on their configuration of cooling and 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-pressure switch, low-pressure switch, antifreeze protection, or low voltage, detection must trip three times within two hours before the unit control board locks out the associated compressor. Similarly, the heating high limit switch must trip three times within one hour before the unit control board locks out heating operation. An alarm message appears on the LCD.

Low limit control

When there is a demand for cooling during cold outside conditions the low limit control (LLC) prevents the supply air from dropping below a specified setpoint. This is a programmable setpoint.

Options and accessories

Non-electrical option or accessory	Factory option	Field-installed option
Roof curb, 14 in. or 24 in. height		✓
Burglar bars		✓
Coil/hail guard	✓	✓
Hinged and toolless access panels	✓	
Magna-Dry modulating hot gas reheat dehumidification	✓	
Aluminized steel gas heat exchanger	✓	
Stainless steel gas heat exchanger	✓	
Modulating gas heat (cannot be converted to propane)	✓	
Flue exhaust extension		✓
Propane conversion (not for modulating furnaces)		✓
High altitude kit for propane (not for modulating furnaces)		✓
High altitude kit for natural gas		✓
Stainless steel drain pan	✓	
E-Coat coil coating	✓	
MERV 8, 2 in. filter	✓	
MERV 13, 2 in. filter	✓	
MERV 13, 4 in. filter	✓	

Electrical option or accessory	Factory option	Field-installed option
IntelliSpeed discrete fan control	✓	
Multi-zone variable air volume (VAV)	✓	
CRSZ control single zone VAV	✓	
Standard, medium, or high static indoor blower motor	✓	
Non-fused disconnect switch	✓	
Circuit breaker	✓	
Powered convenience outlet	✓	
Non-powered convenience outlet	✓	✓
65 kA high SCCR	✓	
Phase monitor	✓	
Electric heat	✓	✓

Fresh air option or accessory	Factory option	Field-installed option
Manual outside air damper	✓	✓
Motorized outside air damper	✓	✓
Low leak economizer	✓	✓
Single or dual enthalpy economizer control	✓	✓
Barometric relief damper	✓	✓
Constant volume power exhaust	✓	✓
Modulating power exhaust	✓	✓
Bolt on energy recovery ventilator (ERV)		✓

Controls option or accessory	Factory option	Field-installed option
Air proving switch	✓	✓
Dirty filter switch	✓	✓
CO^2 sensor	✓	✓
Condensate overflow switch	✓	✓
Low ambient head pressure control	✓	✓
Supply and return air smoke detectors	✓	✓
Refrigerant Detection System (RDS)	✓	✓
Smart Equipment™ control communication card	✓	✓

Controls option or accessory	Factory option	Field-installed option
MAP (Mobile Access Portal) Gateway for use with Smart Equipment™ control		✓
SkyQ	✓	✓

Table 2: Field Installed Accessories - Non-Electrical

Model	Voltage	Description	Where Used
1BD0411	All	Burglar Bars	All
1FE0418	All	Flue Exhaust Kit	Gas heat units
1NP0401	All	Propane Conversion Kit	Gas heat units
1HA0401	All	Natural Gas High Altitude Conversion Kit	Gas heat units
1HA0402	All	Propane High Altitude Conversion Kit	Gas heat units
1HG0454	All	Louvered Hail Guard, 15 and 17.5 ton	15 and 17.5 ton models
1HG0455	All	Louvered Hail Guard, 20 ton	20 ton models
1HG0456	All	Louvered Hail Guard, 25 ton 2-stage models	25 ton models with 2 stage cooling (CV or 2 stage IntelliSpeed)
1HG0457	All	Louvered Hail Guard, 27.5 ton 2-stage models	27.5 ton models with 2 stage cooling (CV or 2 stage IntelliSpeed)
1HG0458	All	Louvered Hail Guard, 25 ton 4-stage models	25 ton models with 4 stage cooling (VAV or 4 stage IntelliSpeed)
1HG0459	All	Louvered Hail Guard, 27.5 ton 4-stage models	27.5 ton models with 4 stage cooling (VAV or 4 stage IntelliSpeed)

Table 3: Field Installed Accessories - Roof curbs

Model	Voltage	Description	Where Used
1RC0443	All	14 in. Roof curb	15 and 17.5 ton
1RC0444	All	14 in. Roof curb	20 and 25 ton
1RC0445	All	14 in. Roof curb	27.5 ton
1RC0446	All	24 in. Roof curb	15 and 17.5 ton
1RC0447	All	24 in. Roof curb	20 and 25 ton
1RC0448	All	24 in. Roof curb	27.5 ton

Table 4: Field Installed Accessories - Fresh Air

Model	Voltage	Description	Where Used
1FA0421	All	Manual Outside Air Damper, 0-25%	15 - 20 ton models
1FA0422	All	Manual Outside Air Damper, 0-100%	15 - 20 ton models
1FA0423	All	Manual Outside Air Damper, 0-25%	25 & 27.5 ton models
1FA0424	All	Manual Outside Air Damper, 0-100%	25 & 27.5 ton models
2MD04705324	All	Motorized Outside Air Damper, 0-25%	15 - 20 ton models
2MD04705424	All	Motorized Outside Air Damper, 0-100%	15 - 20 ton models
2MD04705524	All	Motorized Outside Air Damper, 0-25%	25 & 27.5 ton models
2MD04705624	All	Motorized Outside Air Damper, 0-100%	25 & 27.5 ton models
2EE04710424	All	Low Leak Economizer, BAS controls	15 - 20 ton models
2EE04710524	All	Low Leak Economizer, Smart Equipment controls	15 - 20 ton models
2EE04710624	All	Low Leak Economizer, BAS controls	25 & 27.5 ton models
2EE04710724	All	Low Leak Economizer, Smart Equipment controls	25 & 27.5 ton models
1RD0414	All	Barometric Relief Damper	All
2PE04705725	208/230V	Constant Volume Power Exhaust, High CFM, 208/230V	Models with factory or field installled economizer
2PE04705746	460V	Constant Volume Power Exhaust, High CFM, 460V	Models with factory or field installled economizer
2PE04705758	575V	Constant Volume Power Exhaust, High CFM, 575V	Models with factory or field installled economizer
2PE04706025	208/230V	Modulating Power Exhaust, Standard CFM, 208/230V	Models with factory or field installled economizer
2PE04706046	460V	Modulating Power Exhaust, Standard CFM, 460V	Models with factory or field installled economizer
2PE04706058	575V	Modulating Power Exhaust, Standard CFM, 575V	Models with factory or field installled economizer
2PE04705825	208/230V	Constant Volume Power Exhaust, Standard CFM, 208/230V	Models with factory or field installled economizer
2PE04705846	460V	Constant Volume Power Exhaust, Standard CFM, 460V	Models with factory or field installled economizer
2PE04705858	575V	Constant Volume Power Exhaust, Standard CFM, 575V	Models with factory or field installled economizer
2EC0406	All	Single Enthalpy / Reheat Humidity Sensor	Models with factory or field installled economizer OR models with hot gas reheat
2EC0407	All	Dual Enthalpy Sensing	Models with factory or field installled economizer OR models with hot gas reheat

Table 5: Field Installed Accessories - Electric Heat

Model	Voltage	Description	Where Used
2EH04502525	208/230V	25kW Electric Heat	Cooling only models
2EH04502546	460V		
2EH04502558	575V		
2EH04505025	208/230V	50kW Electric Heat	Cooling only models
2EH04505046	460V		
2EH04505058	575V		
2EH04507525	208/230V	75kW Electric Heat	Cooling only models
2EH04507546	460V		
2EH04507558	575V		
2SP04700025	208/230V	Electric Heat Power Kit, 25-75kW, 15 ton, no CB or DSC	Paired with 2EH04502525, 2EH04505025, or 2EH04507525. 15 ton only without circuit breaker or disconnect switch
2SP04700052	460V & 575V	Electric Heat Power Kit, 25-75kW, 15 & 17.5 ton, no CB or DSC	Paired with 2EH04502546, 2EH04502558, 2EH04505046, 2EH04505058, 2EH04507546, or 2EH04507558. 15 & 17.5 ton without circuit breaker or disconnect switch
2SP04700125	208/230V	Electric Heat Power Kit, 25-75kW, 17.5 ton, no CB or DSC	Paired with 2EH04502525, 2EH04505025, or 2EH04507525. 17.5 ton only without circuit breaker or disconnect switch
2SP04700152	460V & 575V	Electric Heat Power Kit, 25-75kW, 20 ton, no CB or DSC	Paired with 2EH04502546, 2EH04502558, 2EH04505046, 2EH04505058, 2EH04507546, or 2EH04507558. 20 ton only without circuit breaker or disconnect switch
2SP04700225	208/230V	Electric Heat Power Kit, 25-75kW, 20 ton, no CB or DSC	Paired with 2EH04502525, 2EH04505025, or 2EH04507525. 20 ton only without circuit breaker or disconnect switch
2SP04700252	460V & 575V	Electric Heat Power Kit, 25-75kW, 25 & 27.5 ton, no CB or DSC	Paired with 2EH04502546, 2EH04502558, 2EH04505046, 2EH04505058, 2EH04507546, or 2EH04507558. 25 & 27.5 ton without circuit breaker or disconnect switch
2SP04700325	208/230V	Electric Heat Power Kit, 25-75kW, 25 & 27.5 ton, no CB or DSC	Paired with 2EH04502525, 2EH04505025, or 2EH04507525. 25 & 27.5 ton without circuit breaker or disconnect switch
2SP04700352	460V & 575V	Electric Heat Power Kit, 25-75kW, 15 & 17.5 ton, with CB or DSC	Paired with 2EH04502546, 2EH04502558, 2EH04505046, 2EH04505058, 2EH04507546, or 2EH04507558. 15 & 17.5 ton with circuit breaker or disconnect switch
2SP04700425	208/230V	Electric Heat Power Kit, 25kW, 15 ton, with CB or DSC	Paired with 2EH04502525. 15 ton only with circuit breaker or disconnect switch
2SP04700452	460V & 575V	Electric Heat Power Kit, 25-75kW, 20 ton, with CB or DSC	Paired with 2EH04502546, 2EH04502558, 2EH04505046, 2EH04505058, 2EH04507546, or 2EH04507558. 20 ton only with circuit breaker or disconnect switch
2SP04700525	208/230V	Electric Heat Power Kit, 25kW, 17.5 ton, with CB or DSC	Paired with 2EH04502525. 17.5 ton only with circuit breaker or disconnect switch
2SP04700552	460V & 575V	Electric Heat Power Kit, 25-75kW, 25 & 27.5 ton, with CB or DSC	Paired with 2EH04502546, 2EH04502558, 2EH04505046, 2EH04505058, 2EH04507546, or 2EH04507558. 25 & 27.5 ton with circuit breaker or disconnect switch
2SP04700625	208/230V	Electric Heat Power Kit, 25kW, 20 ton, with CB or DSC	Paired with 2EH04502525. 20 ton only with circuit breaker or disconnect switch
2SP04700725	208/230V	Electric Heat Power Kit, 25-50kW, 25 & 27.5 ton, with CB or DSC	Paired with 2EH04502525 or 2EH04505025. 25 & 27.5 ton only with circuit breaker or disconnect switch

Table 5: Field Installed Accessories - Electric Heat

Model	Voltage	Description	Where Used
2SP04700825	208/230V	Electric Heat Power Kit, 50kW, 15 ton, with DSC	Paired with 2EH04505025. 15 ton only with disconnect switch
2SP04700925	208/230V	Electric Heat Power Kit, 50kW, 17.5 ton, with DSC	Paired with 2EH04505025. 17.5 ton only with disconnect switch
2SP04701125	208/230V	Electric Heat Power Kit, 50kW, 15 ton, with CB	Paired with 2EH04505025. 15 ton only with circuit breaker
2SP04701225	208/230V	Electric Heat Power Kit, 50kW, 17.5 ton, with CB	Paired with 2EH04505025. 17.5 ton only with circuit breaker

Table 6: Field Installed Accessories - Controls/Electrical

Model	Voltage	Description	Where Used
2AQ04700524	All	CO^2 Space/Wall Mount Accessory	All units with factory or field installed economizer
2AQ04700624	All	CO^2 Unit Mount Accessory	All units with factory or field installed economizer
2SD04702024	All	Supply Air Smoke Detector	All Units
2SD04703024	All	Return Air Smoke Detector	All Units
2SD04703124	All	Supply and Return Air Smoke Detector	All Units
2AP0403	All	Air Proving Switch	All Units
2DF0404	All	Dirty Air Filter Switch	All Units
2LA04700625	208/230V	Low Ambient Controller for 208/230V	All 208/230V Units
2LA04700646	460V	Low Ambient Controller for 460V	All 460V Units
2LA04700658	575V	Low Ambient Controller for 575V	All 575V Units
1DP0401	All	Divider panel for low ambient operation, 15-20 ton Required for field installed low ambient	15 to 20 ton units with field installed low amient controller
1DP0402	All	Divider panel for low ambient operation, 25 ton Required for field installed low ambient	25 ton units with field installed low amient controller
1DP0403	All	Divider panel for low ambient operation, 27.5 ton Required for field installed low ambient	27.5 ton units with field installed low amient controller
2NC0401	All	Non-powered Convenience Outlet	All Units

Factory and field-installed options

Johnson Controls Choice units have many factory options and field-installed accessories available for a wide range of application needs.

IntelliSpeed discrete fan control with VFD

Factory option

The IntelliSpeed blower control method uses a variable frequency drive (VFD) to control staged modulation of the supply fan airflow in what is called multispeed fan control or discrete fan control. The VFD runs the supply fan at predetermined speeds set at the factory based on the number of cooling stages engaged by the cooling demand. This feature allows for higher part load efficiency and meets all requirements of ASHRAE 90.1 2013/2016 and 2015 IECC.

Multi-zone variable air volume (VAV)

Factory option

Intended for job applications where multiple zones are serviced by a single rooftop with zone dampers in the ductwork to control airflow to each zone. Similar to the IntelliSpeed blower control method, the VAV blower control option uses a VFD to control modulation of the supply fan airflow. Unlike IntelliSpeed, VAV operation provides full modulation of the supply fan speed to provide both a constant supply air temperature and a constant duct static pressure. This modulation is controlled by the VFD based on readings from a pressure transducer mounted in the unit supply duct.

CRSZ control single zone VAV

Factory option

A proprietary control logic for single-zone VAV applications, the continuous reset single zone control (CRSZ control) option provides the industry's best temperature control of a single-zone VAV system. The CRSZ control airflow option uses compressor staging and fan speed, along with programmatic resetting of the supply air temperature setpoint, to deliver stable zone temperature and humidity control.

High static indoor blower motor

Factory option

For applications with high static restrictions, units are offered with optional indoor motors that provide higher static output to varying degrees based on the application requirements.

MagnaDry modulating hot gas reheat dehumidification

Factory option

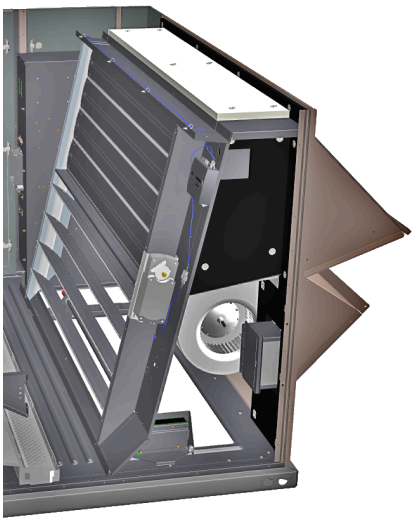
Units optioned with reheat coils provide superior dehumidification at a wide range of outdoor temperatures to provide maximum comfort without overcooling the space. Unlike traditional on and off reheat systems, this system modulates dehumidification to more accurately meet the humidity and temperature setpoints.

Low leak economizer with fresh air hood

Factory or field-installed option

All units offer a variety of optional factory-installed or field-installed economizers that are shipped, installed, and wired with low leak dampers. The dampers are designed to meet ASHRAE 90.1, AMCA 511 Class 1A damper, and the International Energy Conservation Code (IECC) certification requirements by achieving leakage rates of 3 CFM/sq. ft. at 1-inch of static pressure. Each economizer goes through a rigorous 60,000 cycle test. You can select dry bulb, single enthalpy, or dual enthalpy economizer control as either a factory option or field-installed accessory. The economizer has spring return, fully modulating damper actuators and it 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.



Single or dual enthalpy control

Factory or field-installed option

Low leak economizers are available with standard dry bulb sensing. You can select the following configurations for true enthalpy control of the unit economizer.

- Single enthalpy control to monitor outdoor air humidity and temperature
- Dual enthalpy control to monitor outdoor air and return air humidity and temperature

Single or dual enthalpy sensors are available factory installed or as field-installed accessories.

Manual outside air damper

Factory or field-installed option

The manual outdoor air damper includes a slide-in assembly with a manually adjustable opening for fresh air entry. The factory installed damper has an opening range of 0% to 100%. The field-installed accessory is available with two options for opening range, 0% to 25% or 0% to 100%.

Motorized outside air damper

Factory or field-installed option

The motorized outdoor air damper includes a slide-in and plug-in damper assembly with a 2-position, spring return motor actuator. The damper opens to a preset position whenever the supply air blower is operating and drives fully closed when the blower motor shuts down. The factory installed damper has an opening range of 0% to 100%. The field-installed accessory is available with two options for opening range, 0% to 25% or 0% to 100%.

Barometric relief damper

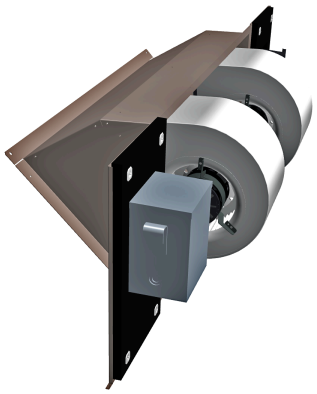
Factory or field-installed option

You can use this damper option to relieve internal building air pressure on units with an economizer or motorized damper without a power exhaust. This accessory includes a rain hood, a bird screen, and a fully assembled damper.

Constant volume power exhaust

Factory or field-installed option

Units with an economizer are available with constant volume power exhaust. Whenever the outdoor air intake dampers are opened for free cooling, the exhaust fan is energized to prevent the conditioned space from being over-pressurized during economizer operation. The factory-installed version has an incorporated fold-out hood design for easy setup and operation. There are two options for the field-installed constant volume power exhaust. The standard CFM exhaust provides the same operational parameters as the factory-installed power exhaust while the high CFM exhaust provides expanded air movement capabilities.



Modulating power exhaust

Factory or field-installed option

For more precise control over a unit's exhaust performance, you can select a modulating power exhaust as a factory or field-installed option. The modulating power exhaust monitors fluctuations to the static pressure in the duct and works in conjunction with the unit economizer to equalize pressure changes caused by bringing in fresh air. There are two options for the field-installed constant volume power exhaust. The standard CFM exhaust provides the same operational parameters as the factory-installed power exhaust while the high CFM exhaust provides expanded air movement capabilities.

Staged electric heat

Factory or field-installed option

Electric heat is available as a factory or field-installed option in 25 kW, 50 kW, and 75 kW and is available in all voltage options of the base units. All heaters are single point power and all field-installed electric heat accessories require a supplemental single point power kit based on the unit specifications.

Staged gas heat

Factory option in aluminized steel or stainless steel

Staged gas heating is available in two sizes, each with two stages of operation. The standard gas heat exchanger comes in aluminized steel for applications in non-corrosive environments with an optional stainless steel gas heat exchanger available for application in corrosive environments.

Modulating gas heat

Factory option

For improved temperature control and to provide more exact heating operation, select a modulating gas heat furnace. With the same maximum heating capacity as the high-heat staged gas heat and a 2.85 to 1 turndown ratio, the modulating gas heat option provides the same full load heating capabilities as the staged heating option and can also adjust the input rate to reflect the heating call. All modulating gas heat furnaces are equipped with stainless steel heat exchangers.

ⓘ **Note:** Modulating furnaces are not certified for use with propane and cannot be converted from the factory.

Flue exhaust extension

Field-installed option

In locations with wind or weather conditions that may interfere with the correct exhausting of furnace combustion products, this accessory can prevent the flue exhaust from entering nearby fresh air intakes.

Propane conversion kit

Field-installed option

Use this kit to convert a gas-fired heater from natural gas to propane. It contains the main burner orifices and gas valve replacement springs.

Note: Modulating furnaces are not certified for use with propane and cannot be converted from the factory.

Gas heat high altitude kit

Field-installed option

Use this kit to convert a gas heat unit to operate at high altitudes from 2,000 to 10,000 feet. Conversion kits are available for natural gas and propane.

Hinged and toolless access panels

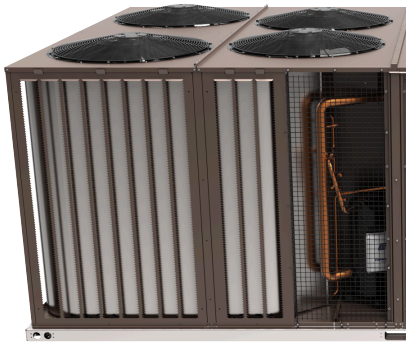
Factory option

To reduce service time, hinged and toolless access panels provide quick and easy access to frequently inspected or service components and areas of the unit. Hinged panels provide access to the control box, filters, gas and electric heat controls, and indoor blower section.

Coil guard and hail guard

Factory or field-installed option

A louvered panel design combination coil guard and hail guard protects the unit condenser coils and outdoor condenser area from a wide range of damage caused by events such as hail, tampering, and animal entry.



Stainless steel drain pan

Factory option

An optional rust-proof stainless steel drain pan is available to provide years of trouble-free operation in corrosive environments.

Circuit breaker

Factory option

A factory-installed circuit breaker provides both easy access to shut off power to the unit for safe servicing and also protects the unit from a short-circuit or overload condition.

Non-fused disconnect switch

Factory option

A factory-mounted service disconnect switch provides easy access to shut off power to the unit for safe servicing of the product.

Powered convenience outlet

Factory option

The powered convenience outlet option provides a 120V single-phase GFCI outlet with a cover on the unit exterior. The outlet is powered by a stepdown transformer in the unit.

Non-powered convenience outlet

Factory or field-installed option

The non-powered convenience outlet option provides a 120V single-phase GFCI outlet with a cover on the exterior of the unit. The outlet requires the installer to provide the 120V single-phase power source and wiring. The outlet is available factory installed or as a field-installed accessory.

65 kA high SCCR

Factory option

The HIGH SCCR electrical option replaces all necessary electrical components and wiring with higher rated components and larger gauge wiring to increase the short-circuit current rating to 65 kA from the standard unit 5 kA rating. This provides additional protection to the unit in the event of a short-circuit condition. 208V/230 V and 460 V units have a high SCCR rating of 65 kA. 575 V units have a high SCCR rating of 25 kA.

Supply and return air smoke detectors

Factory or field-installed option

The smoke detectors stop operation of the unit and provide a fault message to the control board. Smoke detectors are available for supply and/or return air configurations.

⚠ WARNING

Factory-installed smoke detectors may be subjected to extreme temperatures during off times due to outside air infiltration. These smoke detectors have an operational limit of -4°F to 158°F. Smoke detectors installed in areas that could be outside this range must be relocated to prevent false alarms.

Phase monitor

Factory option

Monitors the electrical phase to the unit to prevent damage from out of phase conditions.

Air proving switch

Factory or field-installed option

To ensure correct indoor blower operation, you can use an optional air proving switch to monitor whether supply air airflow is present when a cooling or heating cycle initiates. If correct airflow is not detected at the beginning of a cycle or throughout operation, the call for heating or cooling is canceled and a unit alarm registered.

Dirty filter switch

Factory or field-installed option

This option includes a differential pressure switch that energizes the fault light on the unit thermostat, indicating that there is an abnormally high pressure drop across the filters.

CO_2 sensor

Factory or field-installed option

The provided CO_2 sensor detects CO_2 levels and automatically overrides the economizer when levels rise above the preset limits.

Condensate overflow switch

Factory or field-installed option

Mounted to the unit drain pan, the condensate overflow switch is a float switch that monitors the level of water in the drain pan to shut down unit operation and prevent drain pan overflow within the unit.

Low ambient head pressure control

Factory or field-installed option

An integrated low-ambient control allows units to operate in the cooling mode down to 0°F outdoor ambient without additional components or intervention. The option includes a divider panel for the condenser section to isolate airflow through the condenser coils. Optionally, you can program the control board to lock out the compressors when the outdoor air temperature is low or when free cooling is available.

E-coat evaporator and condenser

Factory option

The evaporator and/or condenser coils are coated with an epoxy polymer coating to protect against corrosion.

Filters

Factory option

Two-inch pleated MERV 8 or 4-inch pleated MERV 13 are available to meet LEED requirements. A 2-inch throwaway is shipped as standard.

Burglar bars

Field-installed option

Mount in the supply and return openings to prevent entry into the duct work.

Refrigerant Detection System (RDS)

Factory or field-installed option

Integrated sensors providing R-454B leak detection. The RDS is connected to the unit controls and automatically starts a sequence to dilute refrigerant gas. When the presence of refrigerant is detected in the cabinet, it sets off an alarm upon indicating a leak equal to 25% of the lower flammability limit. These sensors are positioned to ensure accurate and timely sensing of a leak.

Smart Equipment™ control with communication

Factory or field-installed option

The communication option for the Smart Equipment™ control is a factory installed add-on card to expand the capabilities with a gateway to BACnet MS/TP (programmable to Modbus or N2 protocols).

Mobile Access Portal gateway for use with Smart Equipment™ control

Field-installed option

You can use the Mobile Access Portal (MAP) gateway to provide a wireless connection to any Smart Equipment™ enabled product or system. The MAP gateway generates a Wi-Fi signal for connection with any electronic device with Wi-Fi capabilities and a web browser. Used in conjunction with the Smart Equipment™ communication card

and daisy chained network wiring, a single MAP gateway can provide single point access to an entire network of rooftop units through the unit control board, a Smart Equipment™ enabled zone sensor, or Smart Equipment™ enabled thermostat.

SkyQ

Factory or field-installed option

SkyQ provides a simple user experience with configurable self-recognizing controllers without the need for any additional tools. SkyQ 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.

Physical data

Table 7: KD15 to KD18 physical data

Component	Models					
	KD15			KD18		
Nominal Tonnage	15			17.5		
ARI cooling performance	2 Stage	4 Stage		2 Stage	4 Stage	
Gross Capacity at ARI A point, Btu	177,000	178,000		205,000	205,000	
ARI net capacity, Btu	172,000	174,000		200,000	200,000	
EER	11.1[1] / 10.9[2]	11.0[1] / 10.8[2]		11.0[1] / 10.8[2]	11.0[1] / 10.8[2]	
IEER with Intellispeed	14.2[1] / 14.0[2]	14.8[1] / 14.6[2]		14.2[1] / 14.0[2]	14.6[1] / 14.4[2]	
IEER with VAV	NA	14.6[1] / 14.4[2]		NA	14.4[1] / 14.2[2]	
CFM	5210	4750		5600	5550	
System power, kW	15.78	16.13		18.52	18.52	
Refrigerant type	R-454B	R-454B		R-454B	R-454B	
Refrigerant charge, lb-oz						
System 1	7	7		9-8	8-8	
System 2	7-6	7-6		10-12	9-4	
ARI Heating Performance						
Heating Model	N(S)1	N(S)3	T3	N(S)1	N(S)3	T3
Heating Type	Stg. Low	Stg. High	Mod. High	Stg. Low	Stg. High	Mod. High
First stage heat input, K Btu	165	300	140	165	300	140
Second stage heat input (K Btu)	220	400	400	220	400	400
First stage Heat output (K Btu)	134	243	113	134	243	113
Second stage heat output,K Btu	178	324	324	178	324	324
AFUE, %	-	-	-	-	-	-
Steady state efficiency, %	81	81	81	81	81	81
No. burners	5	9	9	5	9	9
Number stages or turn down	2	2	2.85 to 1	2	2	2.85 to 1
Temperature Rise Range, °F	15-45	35-65	35-65	15-45	30-65	30-65
Gas Limit Setting,°F	130	130	135	130	130	135
Gas piping connection, in.	3/4	3/4	3/4	3/4	3/4	3/4
Dimensions in.						
Length	129-3/4					
Width	88-3/4					
Height	48-9/16					
Operating weight, lb	1750			1830		
Compressors	2 Stage	4 Stage		2 Stage	4 Stage	
Type	Scroll	Scroll		Scroll	Scroll	
Quantity	2	2		2	2	
Unit Capacity Steps, %	50 / 100	34/50/84/100		50 / 100	31/47/85/100	
Condenser coil data						
Face area, sq ft	22.1			22.1		
Type	MCHX			MCHX		
Thickness, mm	20			25		
FPI	23			23		
Circuitry type	2-Pass			2-Pass		
Evaporator coil data						
Face area,sq ft	22.0			22.0		
Rows	3			4		
Fins per in.	17			15		
Tube diameter	3/8			3/8		
Circuitry type	Intertwined			Intertwined		
Refrigerant control	TXV			TXV		
Condenser Fan Data						
Quantity	2			2		
Fan diameter, in.	30			30		
Type	Prop			Prop		
Drive type	Direct			Direct		
Number of motors	2			2		
Motor HP each	1/2			1/2		
RPM	850			850		
Nominal total CFM	10,800			10,700		
Belt drive evap fan data						
Quantity	2			2		

Table 7: KD15 to KD18 physical data

Component	Models					
	KD15			KD18		
Nominal Tonnage	**15**			**17.5**		
Fan size, in.	15x15			15x15		
Type	Centrifugal			Centrifugal		
Static range	Std	Med	High	Std	Med	High
Motor sheave	1VL44	1VL44	1VL50	1VL44	1VL50	1VL60
Blower sheave	1B5V90	1B5V74	1B5V66	1B5V86	1B5V74	1B5V74
Belt	AX41	AX41	BX40	AX41	BX43	BX43
Motor HP each	2.9	3.7	5.25	3.7	5.25	7.5
RPM	1745	1750	1750	1750	1750	1760
Frame size	56	56	145T	56	145T	213T
Filters						
Quantity, size	6 - (20 x 25 x 2)[3,4,5]			6 - (20 x 25 x 2)[3,4,5]		
	6 - (20 x 25 x 4)[6]			6 - (20 x 25 x 4)[6]		

Note:

1. Cooling only unit or cooling unit with electric heat
2. Cooling unit with gas heat
3. 2 in. throwaway, standard, Minimum Efficiency Reporting Value (MERV)
4. Optional 2 in. pleated, MERV 8
5. Optional 2 in. pleated, MERV 13
6. Optional 4 in. pleated, MERV 13

Table 8: KD20 to KD28 physical data

Component	Models								
	KD20			KD25			KD28		
Nominal tonnage	20			25			27.5		
ARI cooling performance	2 Stage		4 Stage	2 Stage		4 Stage	2 Stage		4 Stage
Gross Capacity at ARI A point, Btu	245,000		247,000	298,000		291,000	333,000		333,000
ARI net capacity, Btu	238,000		240,000	286,000		280,000	320,000		320,000
EER	11.0[1] / 10.8[2]		11.0[1] / 10.8[2]	10.2[1] / 10.0[2]		10.2[1] / 10.0[2]	10.4[1] / 10.2[2]		10.2[1] / 10.0[2]
IEER with Intellispeed	14.2[1] / 14.0[2]		14.4[1] / 14.2[2]	14.0[1] / 13.8[2]		14.4[1] / 14.2[2]	13.4[1] / 13.2[2]		14.4[1] / 14.2[2]
IEER with VAV	NA		14.2[1] / 14.0[2]	NA		14.2[1] / 14.0[2]	NA		14.2[1] / 14.0[2]
CFM	6300		6500	8250		8100	8900		9100
System power, kW	21.94		22.22	28.60		27.79	31.18		31.75
Refrigerant type	R-454B		R-454B	R-454B		R-454B	R-454B		R-454B
Refrigerant charge, lb-oz									
System 1	10		9-12	13-15		13-3	14-4		13-4
System 2	10-12		9-12	14-6		14-6	14-8		14-8
ARI Heating Performance									
Heating Model	N(S)1	N(S)3	T3	N(S)1	N(S)3	T3	N(S)1	N(S)3	T3
Heating type	Stg. Low	Stg. High	Mod. High	Stg. Low	Stg. High	Mod. High	Stg. Low	Stg. High	Mod. High
First stage heat input, K Btu	165	300	140	165	300	140	165	300	140
Second stage heat input, K Btu	220	400	400	220	400	400	220	400	400
First stage heat output, K Btu	134	243	113	134	243	113	134	243	113
Second stage heat output, K Btu	178	324	324	178	324	324	178	324	324
AFUE, %	-	-	-	-	-	-	-	-	-
Steady state efficiency, %	81	81	81	81	81	81	81	81	81
Number of burners	5	9	9	5	9	9	5	9	9
Number of stages or turn down	2	2	2.85 to 1	2	2	2.85 to 1	2	2	2.85 to 1
Temperature Rise Range, °F	15-45	30-65	30-65	10-40	20-55	20-55	10-40	20-55	20-55
Gas Limit Setting, °F	130	130	135	130	130	135	130	130	135
Gas piping connection, in.	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Dimensions in.									
Length	143-13/16"			143-13/16"			160-1/16"		
Width	88-3/4"			88-3/4"			88-3/4"		
Height	48-9/16"			56-9/16"			56-9/16"		
Operating weight, lb	1930			2090			2170		
Compressors	2 Stage		4 Stage	2 Stage		4 Stage	2 Stage		4 Stage
Type	Scroll		Scroll	Scroll		Scroll	Scroll		Scroll
Quantity	2		2	2		3	2		3
Unit Capacity Steps, %	46 / 100		31/46/85/100	50 / 100		25/50/75/100	50 / 100		25/50/75/100
Condenser coil data									
Face area, sq ft	25.1			30.8			35.4		
Type	MCHX			MCHX			MCHX		
Thickness,mm	25			25			25		
FPI	23			23			23		
Circuitry type	2-Pass			2-Pass			2-Pass		
Evaporator coil data									
Face area, sq ft	22.0			26.0			26.0		
Rows	4			4			4		
Fins per in.	15			15			15		
Tube diameter	3/8			3/8			3/8		
Circuitry type	Intertwined			Intertwined			Intertwined		
Refrigerant control	TXV			TXV			TXV		
Condenser Fan Data									
Quantity	4			4			4		
Fan diameter, in.	24			24			30		
Type	Prop			Prop			Prop		
Drive type	Direct			Direct			Direct		
Number of motors	4			4			4		
Motor HP each	1/2			1/2			1/2		
RPM	1120			1120			850		
Nominal total CFM	15,800			16,900			21,400		
Belt drive evap fan data									
Quantity	2			2			2		
Fan size, in.	15x15			15x15			15x15		
Type	Centrifugal			Centrifugal			Centrifugal		
Static range	Std	Med	High	Std	Med	High	Std	Med	High

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Table 8: KD20 to KD28 physical data

Component	Models								
	KD20			KD25			KD28		
Motor sheave	1VM50	1VM50	1VP60	1VM50	1VP60	1VP60	1VP71	1VP65	1VP71
Blower sheave	1B5V90	1B5V74	1B5V80	1B5V80	1B5V80	1B5V70	1B5V110	1B5V86	1B5V86
Belt	BX43	BX40	BX43	BX43	BX43	5VX450	BX50	BX43	5VX450
Motor HP each	5.25	5.25	7.5	5.25	7.5	10	7.5	10	12
RPM	1750	1750	1765	1750	1760	1765	1760	1765	1765
Frame size	145T	145T	213T	145T	213T	215T	213T	215T	215T
Filters									
Quantity, size	6 - (20 x 25 x 2)[3,4,5]			9 - (16 x 25 x 2)[3,4,5]			9 - (16 x 25 x 2)[3,4,5]		
	6 - (20 x 25 x 4)[6]			9 - (16 x 25 x 4)[6]			9 - (16 x 25 x 4)[6]		

Note:

1. Cooling only unit or cooling unit with electric heat
2. Cooling unit with gas heat
3. 2 in. throwaway, standard, Minimum Efficiency Reporting Value (MERV)
4. Optional 2 in. pleated, MERV 8
5. Optional 2 in. pleated, MERV 13
6. Optional 4 in. pleated, MERV 13

Unit limitations

Table 9: KD15 to KD28 unit limitations

Unit voltage	Applied voltage		Outdoor DB temperature
	Minimum	Maximum	Maximum (°F)
208/230-3-60	180	254	125
460-3-60	416	508	125
575-3-60	520	635	125

Capacity performance tables

The following tables show the capacity performance for the units. The total capacities (TC) and sensible capacities (SC) are gross ratings. For net capacity, deduct the air blower motor, MBH = 3.412 x kW. See the appropriate blower performance table for the kW of the supply air blower motor.

KD15 cooling capacity performance

Table 10: KD15 cooling performance, 75°F to 85°F

Air on evap. coil		Temperature of air on condenser coil																					
		Return dry bulb temperature (°F)												Return dry bulb temperature (°F)									
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		75°F												85.0°F									
3750	77	216.0	115.7	215.7	96.6	215.6	77.7	-	-	-	-	-	-	207.2	111.0	207.1	92.8	206.7	74.5	-	-	-	-	-	-
	72	199.8	134.3	199.6	116.7	199.3	97.1	199.0	79.5	-	-	-	-	191.4	130.5	191.3	111.8	191.2	95.0	190.8	76.2	-	-	-	-
	67	184.5	152.7	184.3	134.6	183.9	116.5	183.6	98.4	183.2	80.3	-	-	176.4	149.5	176.2	130.4	176.0	113.2	175.6	94.1	175.2	76.8	-	-
	62	171.6	167.2	169.2	153.3	169.1	135.1	168.8	116.7	168.3	98.3	167.7	80.1	165.3	161.0	161.9	148.2	161.8	130.9	161.4	113.2	160.8	94.0	160.3	76.5
	57	171.5	167.1	163.1	158.9	155.2	151.1	154.5	134.0	154.1	115.6	153.5	98.7	165.2	161.0	157.2	153.1	149.0	145.1	147.1	130.4	146.6	111.4	146.1	93.9
4500	77	224.1	124.4	224.0	102.5	224.0	80.7	-	-	-	-	-	-	214.7	121.3	214.6	100.3	214.5	79.4	-	-	-	-	-	-
	72	208.1	147.9	207.9	125.5	207.5	105.1	207.1	82.7	-	-	-	-	199.1	143.5	198.9	122.0	198.5	100.6	198.3	79.2	-	-	-	-
	67	192.0	170.2	191.9	147.7	191.7	127.0	191.4	104.4	190.8	83.7	-	-	183.3	166.1	183.2	144.5	183.0	123.0	182.7	101.4	182.1	79.8	-	-
	62	184.2	179.4	177.0	170.7	176.7	148.1	176.3	127.1	175.6	106.1	174.8	83.4	177.2	172.6	168.5	164.1	168.4	144.4	168.0	122.7	167.4	101.1	166.7	79.6
	57	184.0	179.3	175.4	170.9	166.3	162.0	161.7	148.0	161.1	127.1	160.4	104.7	177.1	172.5	168.4	164.0	159.8	155.6	153.5	143.6	153.3	122.5	152.6	101.1
5250	77	230.8	134.9	230.3	109.9	230.4	85.3	-	-	-	-	-	-	220.7	131.1	220.6	105.3	220.5	81.6	-	-	-	-	-	-
	72	213.9	160.4	213.7	135.3	213.5	110.2	213.1	85.1	-	-	-	-	204.2	157.2	204.2	131.3	204.0	107.3	203.5	81.3	-	-	-	-
	67	198.0	185.1	198.0	162.0	197.7	136.7	197.3	111.5	196.5	86.1	-	-	187.4	180.7	188.9	156.4	188.6	132.3	187.9	108.0	187.1	82.0	-	-
	62	194.8	189.7	185.1	180.3	182.3	161.6	181.9	136.4	181.5	111.4	180.5	86.1	187.0	182.2	177.6	173.0	173.2	156.9	172.8	133.0	172.4	107.4	172.5	84.0
	57	194.7	189.6	185.1	180.3	175.9	171.3	166.0	161.7	166.3	136.1	165.5	111.2	187.0	182.2	177.6	173.0	168.3	164.0	158.9	154.8	157.8	132.2	157.1	107.1
6000	77	235.6	144.6	235.3	114.6	235.2	87.1	-	-	-	-	-	-	225.2	140.4	224.7	111.6	225.1	83.3	-	-	-	-	-	-
	72	218.8	172.7	218.6	144.8	218.3	116.9	218.0	89.2	-	-	-	-	208.8	168.8	208.6	140.2	208.4	111.6	207.6	85.0	-	-	-	-
	67	203.5	198.2	202.7	173.8	202.3	145.8	201.4	117.7	200.8	90.0	-	-	195.3	190.2	193.0	169.2	192.5	140.7	192.0	112.2	191.1	85.6	-	-
	62	203.2	197.9	193.4	188.4	186.9	172.9	186.2	146.9	185.5	117.4	184.5	89.8	195.3	190.2	185.2	180.4	176.9	168.9	176.7	141.2	175.9	113.1	174.9	85.2
	57	203.4	198.1	193.2	188.2	183.3	178.6	173.1	168.6	170.3	146.0	169.7	117.3	195.2	190.2	185.3	180.5	175.4	170.8	165.4	161.2	161.5	140.0	160.8	112.8
6750	77	239.6	151.7	239.4	121.3	239.1	90.8	-	-	-	-	-	-	228.7	149.2	228.6	118.0	228.2	86.7	-	-	-	-	-	-
	72	222.8	184.5	222.5	153.9	222.3	121.3	221.5	90.6	-	-	-	-	212.1	179.7	212.0	148.7	211.7	117.5	210.9	86.3	-	-	-	-
	67	210.9	205.5	205.7	186.4	205.8	154.4	205.3	122.0	204.4	91.6	-	-	202.2	197.0	195.9	179.4	195.5	150.5	194.9	117.7	194.0	86.9	-	-
	62	210.9	205.5	200.4	195.2	189.9	184.9	189.7	155.2	189.1	123.4	187.8	91.5	202.2	197.0	192.1	187.1	181.4	176.7	180.0	149.1	179.1	118.6	177.8	86.6
	57	210.9	205.4	200.4	195.2	189.8	184.9	179.4	174.7	173.5	153.8	172.7	122.8	202.2	196.9	191.7	186.8	181.4	176.7	170.9	166.5	163.9	148.5	163.2	117.6
7500	77	242.8	160.8	242.6	127.6	242.9	92.3	-	-	-	-	-	-	231.3	157.7	231.4	121.7	231.1	87.8	-	-	-	-	-	-
	72	225.8	195.7	225.7	162.7	225.5	127.4	224.5	94.0	-	-	-	-	214.6	192.3	214.9	157.0	214.5	123.3	213.6	89.5	-	-	-	-
	67	217.5	211.8	210.4	196.7	209.0	162.8	208.3	127.8	207.4	92.9	-	-	208.2	202.8	197.4	192.3	198.3	158.4	197.7	123.2	196.4	89.9	-	-
	62	217.4	211.8	206.4	201.1	195.5	190.5	192.9	163.5	191.7	128.9	190.4	94.6	208.2	202.8	197.3	192.2	186.5	181.7	182.3	158.0	181.3	123.6	179.9	89.4
	57	217.4	211.7	206.4	201.0	195.5	190.4	184.5	179.7	176.3	161.5	175.3	128.0	208.1	202.8	197.3	192.2	186.5	181.6	175.6	171.1	166.1	156.9	165.5	122.5

Table 11: KD15 cooling performance, 95°F to 105°F

Air on evap. coil		Temperature of air on condenser coil																							
		Return dry bulb temperature (°F)												Return dry bulb temperature (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		95°F												105°F											
3750	77	197.8	107.9	197.8	90.6	197.4	71.2	-	-	-	-	-	-	187.5	104.1	187.5	85.9	187.3	67.5	-	-	-	-	-	-
	72	182.3	126.1	182.4	108.4	181.9	90.4	181.8	72.6	-	-	-	-	172.4	122.6	172.4	104.1	172.3	85.6	172.2	68.8	-	-	-	-
	67	168.1	144.1	167.7	127.4	167.4	109.2	167.0	91.1	166.5	73.0	-	-	158.6	140.6	158.3	121.8	158.1	104.7	157.7	86.0	157.2	68.9	-	-
	62	158.5	154.4	153.5	143.5	153.5	127.1	153.1	108.8	152.5	90.6	152.0	72.5	151.2	147.3	143.5	139.7	144.5	122.5	144.2	103.9	143.7	86.8	143.2	68.3
	57	158.4	154.3	150.6	146.7	142.7	139.0	139.6	125.1	139.0	108.3	138.4	90.3	151.1	147.2	143.4	139.6	135.5	132.0	130.9	121.2	130.6	103.0	130.3	85.0
4500	77	204.5	117.5	204.5	95.6	204.3	75.6	-	-	-	-	-	-	193.4	113.0	193.4	92.3	193.4	71.6	-	-	-	-	-	-
	72	189.3	140.1	189.1	117.9	188.9	97.5	188.5	75.3	-	-	-	-	178.8	135.8	178.6	113.1	178.3	92.1	178.0	71.1	-	-	-	-
	67	174.0	161.0	173.8	140.5	173.6	118.4	173.3	97.9	172.8	75.7	-	-	163.6	156.2	163.8	135.6	163.5	113.1	163.2	92.2	162.8	71.4	-	-
	62	169.7	165.3	161.1	156.9	159.4	139.8	159.0	117.7	158.4	97.2	157.7	75.3	161.7	157.5	153.1	149.2	149.4	133.9	149.3	113.5	148.7	92.7	148.1	70.7
	57	169.6	165.2	161.0	156.8	152.5	148.5	144.9	138.3	145.0	117.2	144.3	97.0	161.6	157.4	153.1	149.1	144.5	140.8	136.0	132.5	135.7	112.4	135.1	92.1
5250	77	209.8	126.7	209.8	102.2	209.7	77.6	-	-	-	-	-	-	198.2	121.7	198.1	98.4	197.9	73.3	-	-	-	-	-	-
	72	193.9	151.1	193.8	126.5	193.5	101.8	193.2	79.0	-	-	-	-	182.6	145.8	182.6	122.8	182.3	97.7	181.9	74.4	-	-	-	-
	67	178.8	174.2	179.2	151.9	178.6	127.0	178.0	102.3	177.3	77.7	-	-	170.1	165.7	168.0	147.3	167.9	122.6	167.4	97.8	166.7	74.7	-	-
	62	178.9	174.2	169.6	165.2	163.6	151.4	163.1	127.1	162.8	103.1	161.9	78.8	170.0	165.6	161.0	156.8	153.4	146.5	152.9	122.1	152.5	98.1	151.7	73.9
	57	178.7	174.1	169.6	165.2	160.3	156.2	151.0	147.1	148.9	126.2	148.2	102.5	170.0	165.6	160.9	156.7	151.7	147.8	142.6	138.9	139.0	120.5	138.3	97.0
6000	77	213.6	135.3	214.2	108.5	213.5	79.0	-	-	-	-	-	-	201.5	131.5	201.3	103.9	201.2	76.4	-	-	-	-	-	-
	72	197.9	163.9	198.0	137.0	197.5	107.7	196.8	80.5	-	-	-	-	185.7	159.2	185.9	130.4	185.9	103.2	185.3	75.8	-	-	-	-
	67	186.4	181.6	182.2	163.3	182.0	136.5	181.5	107.9	180.5	80.9	-	-	177.0	172.4	171.3	156.8	170.6	131.3	170.3	102.8	169.4	75.9	-	-
	62	186.4	181.6	176.6	172.0	166.8	162.5	166.6	136.3	165.9	108.3	164.8	80.3	176.9	172.3	167.2	162.9	157.7	153.6	156.0	130.7	155.2	102.8	154.1	76.5
	57	186.3	181.5	176.6	172.0	166.8	162.5	157.0	152.9	151.5	134.3	151.0	107.4	176.9	172.3	167.2	162.9	157.6	153.6	147.9	144.1	141.2	129.3	140.9	101.5
6750	77	216.9	143.6	216.9	112.0	216.5	82.3	-	-	-	-	-	-	204.0	139.1	204.0	109.3	203.7	77.4	-	-	-	-	-	-
	72	200.4	175.7	200.6	144.6	200.3	113.2	199.5	83.5	-	-	-	-	188.4	168.8	188.2	139.3	188.0	108.1	187.5	78.5	-	-	-	-
	67	192.8	187.8	184.5	174.4	184.5	143.8	183.8	112.8	183.0	83.8	-	-	182.7	178.0	172.7	168.2	172.9	138.1	172.2	109.0	171.3	78.4	-	-
	62	192.8	187.8	182.5	177.8	172.2	167.8	169.5	143.7	168.6	113.3	167.2	83.1	182.6	177.9	172.4	167.9	162.5	158.2	157.9	138.4	157.3	107.2	155.9	77.5
	57	192.8	187.8	182.4	177.7	172.2	167.7	161.9	157.7	154.2	142.7	153.0	111.8	182.6	177.9	172.6	168.2	162.6	158.3	152.3	148.4	142.8	136.4	142.2	106.7
7500	77	219.1	151.6	219.1	117.4	218.7	85.2	-	-	-	-	-	-	205.7	146.2	205.7	112.2	206.0	80.2	-	-	-	-	-	-
	72	202.8	185.7	202.5	151.9	202.6	118.4	201.8	84.5	-	-	-	-	189.3	178.9	190.3	146.4	189.9	112.9	189.1	81.1	-	-	-	-
	67	198.3	193.1	187.6	182.8	187.1	153.1	186.3	117.9	185.2	84.8	-	-	187.6	182.8	177.3	172.7	174.5	146.2	173.8	113.5	172.9	80.9	-	-
	62	198.3	193.2	187.6	182.7	176.8	172.2	171.1	151.7	170.2	117.7	168.8	83.9	187.6	182.8	177.2	172.6	166.6	162.3	159.8	144.7	158.5	112.7	157.1	79.6
	57	198.2	193.1	187.5	182.7	176.9	172.3	166.1	161.8	155.2	151.1	154.8	117.6	187.7	182.8	177.3	172.7	166.7	162.3	155.9	151.9	145.2	141.5	143.5	110.4

BHC Residential & Light Commercial LLC

Table 12: KD15 cooling performance, 115°F to 125°F

Air on evap. coil		Temperature of air on condenser coil																							
		Return dry bulb temperature (°F)												Return dry bulb temperature (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		115°F												125°F											
3750	77	176.4	99.7	176.9	82.7	176.5	63.6	-	-	-	-	-	-	164.3	94.4	164.6	76.9	164.5	60.9	-	-	-	-	-	-
	72	162.0	116.8	161.7	99.3	161.8	82.0	161.6	64.5	-	-	-	-	150.5	112.9	150.6	95.3	150.3	77.6	150.4	60.1	-	-	-	-
	67	148.0	135.5	148.3	117.0	148.1	99.6	147.8	82.1	147.3	64.6	-	-	136.9	129.3	137.4	112.4	137.4	95.0	137.3	77.6	137.1	60.1	-	-
	62	143.5	139.7	135.7	132.2	135.0	117.1	134.7	99.8	134.4	81.1	133.7	63.8	134.9	131.4	127.5	124.2	124.7	111.8	124.7	94.7	124.3	76.3	123.6	59.0
	57	143.4	139.7	135.8	132.3	127.9	124.6	121.6	114.9	121.8	98.5	121.3	80.3	134.9	131.4	127.4	124.1	119.8	116.7	112.2	109.3	112.2	92.9	111.7	75.1
4500	77	181.3	109.5	181.5	88.4	181.6	67.2	-	-	-	-	-	-	168.6	103.5	169.1	84.0	168.7	62.4	-	-	-	-	-	-
	72	167.5	130.5	167.3	109.2	167.3	88.0	166.9	66.6	-	-	-	-	155.1	125.4	155.2	104.3	155.0	83.1	154.9	63.4	-	-	-	-
	67	153.0	149.0	153.2	129.8	152.7	108.6	152.3	87.5	152.0	66.6	-	-	143.5	139.8	141.3	123.9	141.3	103.2	141.0	82.4	140.6	63.0	-	-
	62	152.9	149.0	144.6	140.8	139.1	128.7	139.1	108.4	138.7	87.8	137.9	67.2	143.5	139.8	135.4	131.9	127.2	123.9	128.3	102.5	127.8	82.2	127.1	61.9
	57	152.9	148.9	144.6	140.8	136.2	132.6	127.7	124.4	125.9	106.7	125.4	86.7	143.5	139.8	135.2	131.7	127.1	123.8	118.9	115.8	115.5	101.3	115.1	80.7
5250	77	184.9	117.1	185.6	94.0	185.5	68.7	-	-	-	-	-	-	171.9	112.2	172.1	88.9	172.4	65.5	-	-	-	-	-	-
	72	170.8	141.4	170.6	118.0	170.4	92.9	170.1	69.6	-	-	-	-	157.6	136.6	157.7	112.1	157.6	89.1	157.5	64.4	-	-	-	-
	67	160.6	156.4	156.3	141.6	156.4	117.3	156.1	92.7	155.3	69.6	-	-	150.3	146.4	143.7	135.8	144.3	112.5	144.0	88.3	143.3	64.2	-	-
	62	160.5	156.3	151.6	147.7	142.4	138.7	142.0	116.2	141.5	92.3	140.7	68.5	150.2	146.3	141.5	137.9	133.0	129.5	130.7	110.7	130.0	87.4	129.2	64.2
	57	160.4	156.3	151.6	147.7	142.6	138.9	133.6	130.1	128.4	115.1	128.0	91.0	150.4	146.5	141.6	137.9	132.9	129.4	124.1	120.9	117.3	108.5	117.0	85.4
6000	77	188.2	126.5	188.3	99.1	188.1	71.5	-	-	-	-	-	-	174.0	120.3	174.4	93.4	174.4	67.9	-	-	-	-	-	-
	72	172.8	153.1	173.3	126.6	173.2	97.8	172.7	72.3	-	-	-	-	159.7	146.2	159.7	119.8	159.8	93.4	159.5	66.8	-	-	-	-
	67	166.7	162.3	157.1	153.1	158.8	125.3	158.3	98.7	157.6	72.1	-	-	155.7	151.7	146.6	142.8	146.3	119.7	145.6	92.2	144.9	66.3	-	-
	62	166.6	162.3	157.2	153.2	147.8	144.0	144.3	123.7	143.7	98.0	142.7	70.9	155.7	151.7	146.6	142.8	137.6	134.0	132.0	118.3	131.8	91.1	130.7	66.2
	57	166.7	162.3	157.2	153.2	148.0	144.1	138.3	134.7	130.7	123.5	129.7	96.0	155.7	151.6	146.5	142.7	137.4	133.8	128.1	124.8	118.8	115.7	117.8	89.5
6750	77	190.5	133.6	190.4	103.9	190.5	74.2	-	-	-	-	-	-	175.7	128.4	175.9	97.7	175.8	68.5	-	-	-	-	-	-
	72	174.3	163.0	175.1	133.0	174.9	103.9	174.7	73.2	-	-	-	-	160.1	156.0	161.1	127.1	161.6	97.6	160.6	68.8	-	-	-	-
	67	171.8	167.4	162.1	157.9	160.3	132.7	159.9	102.8	158.8	72.7	-	-	160.2	156.0	150.7	146.8	146.9	125.9	146.7	97.1	145.8	68.2	-	-
	62	171.9	167.4	162.0	157.8	152.1	148.2	145.9	132.2	145.2	101.8	144.1	73.0	160.2	156.0	150.5	146.6	141.0	137.4	132.8	125.5	132.8	95.7	131.8	66.8
	57	171.9	167.4	161.6	157.4	152.2	148.2	142.1	138.5	132.1	128.6	130.8	100.7	160.2	156.0	150.7	146.8	141.1	137.4	131.3	127.9	121.5	118.3	118.8	93.7
7500	77	191.3	141.6	191.9	108.4	191.5	74.6	-	-	-	-	-	-	176.4	134.1	176.6	103.2	177.3	70.8	-	-	-	-	-	-
	72	176.2	171.6	176.7	141.2	176.4	108.2	175.8	75.3	-	-	-	-	163.8	159.6	161.8	133.9	162.1	102.7	162.0	71.0	-	-	-	-
	67	176.1	171.5	165.9	161.6	161.4	139.9	161.2	106.8	160.3	75.0	-	-	163.8	159.5	153.9	149.9	147.6	132.3	147.6	100.7	146.4	69.9	-	-
	62	176.1	171.5	166.0	161.7	155.6	151.6	146.6	138.5	146.2	106.8	144.6	73.3	163.9	159.6	153.9	149.9	144.0	140.3	133.8	130.4	133.0	99.8	131.7	68.0
	57	176.1	171.5	166.0	161.6	155.6	151.6	145.2	141.4	134.7	131.2	131.7	103.9	163.8	159.5	154.0	150.0	143.9	140.2	133.9	130.4	123.6	120.4	119.3	97.6

KD18 cooling capacity performance

Table 13: KD18 cooling performance, 75°F to 85°F

Air on evap. coil		Temperature of air on condenser coil																					
		Return dry bulb temperature (°F)												Return dry bulb temperature (°F)									
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		75°F												85°F											
4375	77	255.2	133.8	255.3	114.0	255.6	91.8	-	-	-	-	-	-	243.7	130.2	244.0	109.0	243.9	87.6	-	-	-	-	-	-
	72	236.4	158.4	236.4	135.5	236.3	114.8	235.9	93.9	-	-	-	-	225.7	153.4	225.7	131.5	225.5	109.5	225.2	89.7	-	-	-	-
	67	218.3	180.2	218.3	159.0	217.9	137.5	217.4	116.1	216.9	94.8	-	-	208.7	174.3	208.4	153.8	208.1	131.4	207.8	111.0	207.5	90.7	-	-
	62	203.0	197.2	200.9	179.5	200.6	157.8	200.2	138.0	199.7	116.4	199.2	94.8	195.3	189.6	191.5	174.8	191.3	154.2	190.9	131.6	190.4	111.0	189.8	90.3
	57	202.9	197.1	193.6	188.0	183.8	178.5	183.4	158.5	182.9	136.8	182.3	115.1	195.3	189.6	185.9	180.6	176.6	171.5	175.0	152.9	174.5	132.2	173.6	111.3
5250	77	265.3	146.8	265.3	121.1	265.8	95.5	-	-	-	-	-	-	252.6	142.3	252.9	117.9	252.9	93.3	-	-	-	-	-	-
	72	245.9	174.4	246.0	148.1	246.0	121.8	245.6	97.8	-	-	-	-	234.4	168.5	234.4	143.4	234.3	118.3	234.3	93.3	-	-	-	-
	67	227.4	198.8	227.5	174.5	227.3	147.9	227.0	123.4	226.5	99.0	-	-	216.6	193.5	216.5	168.2	216.3	142.9	216.7	120.0	215.9	94.4	-	-
	62	217.8	211.5	209.0	199.0	209.7	175.1	209.1	150.2	208.6	123.6	207.9	98.9	209.0	203.0	199.1	193.4	199.6	168.6	198.9	144.9	198.3	119.4	197.7	94.1
	57	217.7	211.4	207.4	201.4	197.1	191.4	192.3	173.6	191.6	148.9	190.9	124.2	209.0	203.0	199.0	193.3	188.7	183.2	182.4	168.3	182.1	143.3	181.4	118.0
6125	77	272.8	159.0	272.9	129.8	273.5	100.9	-	-	-	-	-	-	259.4	153.7	259.5	123.5	259.7	95.8	-	-	-	-	-	-
	72	253.5	189.6	253.5	160.0	253.2	130.4	253.0	100.7	-	-	-	-	240.9	182.5	240.9	154.4	240.8	123.9	240.8	95.9	-	-	-	-
	67	234.1	218.3	234.6	189.1	234.0	159.1	234.0	131.8	233.6	102.1	-	-	221.6	210.9	222.8	183.9	222.6	155.7	222.4	125.3	221.9	97.0	-	-
	62	230.0	223.4	218.9	212.6	215.9	188.7	215.7	161.3	215.2	131.7	214.4	102.0	220.4	214.1	209.7	203.6	205.0	183.2	204.9	155.2	204.5	127.1	203.5	96.8
	57	229.8	223.2	218.9	212.6	207.8	201.8	197.9	188.4	198.2	159.8	197.3	132.2	220.2	213.9	209.6	203.5	198.8	193.1	187.7	182.3	187.8	155.0	186.8	125.2
7000	77	278.5	167.7	278.7	135.3	279.4	103.1	-	-	-	-	-	-	264.4	161.8	264.7	131.1	265.0	97.8	-	-	-	-	-	-
	72	259.0	203.7	259.0	171.0	259.0	135.8	258.7	105.5	-	-	-	-	245.9	198.2	245.7	164.7	245.8	131.3	245.6	100.2	-	-	-	-
	67	240.4	233.5	240.4	203.1	240.0	170.2	239.7	137.3	239.2	104.5	-	-	229.7	223.0	227.8	196.9	227.6	165.8	227.3	132.4	226.8	101.3	-	-
	62	240.3	233.3	228.8	222.2	221.0	203.9	220.8	171.6	220.2	139.0	219.4	106.5	229.6	223.0	218.4	212.1	209.2	197.1	209.4	164.7	208.9	131.9	207.8	100.9
	57	240.2	233.3	228.6	222.1	216.8	210.6	205.0	199.1	202.9	171.4	202.1	137.4	229.5	222.9	218.3	212.0	207.0	201.0	195.3	189.7	191.7	163.8	190.9	131.6
7875	77	283.4	178.9	283.6	143.2	284.4	104.9	-	-	-	-	-	-	268.7	172.2	268.9	135.8	269.2	102.0	-	-	-	-	-	-
	72	263.5	217.5	263.8	179.3	263.6	143.4	263.3	107.4	-	-	-	-	249.9	211.2	249.8	174.7	249.9	138.3	249.8	101.9	-	-	-	-
	67	249.0	241.8	244.6	218.5	244.2	180.3	243.9	144.5	243.4	108.8	-	-	237.6	230.7	231.1	211.0	231.2	175.2	230.9	139.1	230.4	102.9	-	-
	62	249.0	241.8	236.9	230.0	225.1	216.4	225.6	181.8	224.6	144.0	223.6	108.6	237.7	230.8	225.9	219.4	214.0	207.8	213.2	176.0	212.6	138.3	211.6	102.8
	57	249.0	241.8	236.8	230.0	224.7	218.2	212.1	206.0	206.7	180.6	205.9	143.9	237.6	230.7	225.9	219.4	214.0	207.8	201.8	196.0	195.0	174.2	194.1	137.6
8750	77	287.1	189.6	287.5	148.0	289.0	109.4	-	-	-	-	-	-	271.7	182.1	272.2	142.7	272.7	103.3	-	-	-	-	-	-
	72	267.2	230.9	267.5	189.6	267.3	150.6	267.1	108.9	-	-	-	-	252.5	223.1	253.1	184.4	253.1	145.0	252.7	105.5	-	-	-	-
	67	256.7	249.2	247.5	230.7	247.9	190.2	247.5	151.5	247.5	110.5	-	-	244.5	237.5	233.1	224.1	234.4	184.4	234.0	145.4	233.4	106.5	-	-
	62	256.6	249.2	243.9	236.9	231.1	224.4	229.1	191.3	228.5	150.9	227.1	112.5	244.6	237.5	232.3	225.6	219.9	213.6	216.2	184.8	215.6	144.5	214.4	106.2
	57	256.6	249.2	244.0	236.9	231.3	224.6	218.2	211.9	209.9	189.6	208.9	150.1	244.5	237.5	232.4	225.7	220.1	213.7	207.5	201.5	197.5	184.2	196.8	143.4

Table 14: KD18 cooling performance, 95°F to 105°F

Air on evap. coil		Temperature of air on condenser coil																							
		Return dry bulb temperature (°F)												Return dry bulb temperature (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		95°F												105°F											
4375	77	231.4	125.9	231.7	105.8	231.7	83.2	-	-	-	-	-	-	218.3	120.8	218.6	99.8	218.7	78.6	-	-	-	-	-	-
	72	214.1	147.6	214.2	126.9	214.2	106.1	214.1	85.2	-	-	-	-	201.7	143.0	201.9	121.6	202.1	100.1	202.1	80.5	-	-	-	-
	67	197.9	169.1	197.8	147.9	197.5	126.6	197.2	107.3	196.9	86.1	-	-	186.3	162.8	185.9	142.7	186.2	121.2	186.0	101.2	185.6	81.1	-	-
	62	187.0	181.6	181.3	169.0	181.7	148.2	181.2	126.7	180.8	107.1	180.1	85.7	177.9	172.8	170.3	162.1	171.0	142.9	170.6	122.6	170.3	100.9	169.8	80.8
	57	186.8	181.4	177.9	172.8	168.7	163.8	165.8	148.1	165.3	126.8	164.5	105.4	177.9	172.7	169.1	164.3	160.4	155.8	155.9	142.3	155.5	120.8	155.0	100.8
5250	77	239.2	137.1	239.5	111.6	239.7	88.5	-	-	-	-	-	-	224.9	131.1	225.3	107.2	225.8	83.3	-	-	-	-	-	-
	72	221.9	161.6	221.9	137.9	221.9	112.1	221.7	88.3	-	-	-	-	208.5	155.9	208.6	131.7	208.6	107.4	208.7	83.1	-	-	-	-
	67	204.3	188.5	204.7	163.1	204.7	139.2	204.6	113.2	204.3	89.3	-	-	191.5	182.3	192.3	156.9	192.1	132.5	192.2	108.3	192.0	83.9	-	-
	62	199.6	193.9	189.8	184.4	188.6	163.0	188.3	139.0	187.8	113.1	187.2	89.1	189.4	183.9	180.0	174.8	176.8	156.2	176.7	132.2	176.3	107.8	175.6	83.6
	57	199.5	193.7	189.8	184.3	180.1	174.9	171.9	161.9	171.9	136.9	171.2	113.1	189.5	184.0	180.0	174.8	170.5	165.6	161.4	156.7	161.5	131.7	160.6	107.6
6125	77	245.0	147.5	245.4	119.2	245.8	90.7	-	-	-	-	-	-	229.8	140.6	230.4	114.1	230.8	85.2	-	-	-	-	-	-
	72	227.5	176.8	227.5	148.0	227.6	119.3	227.5	92.8	-	-	-	-	213.1	169.7	213.3	142.9	213.4	114.0	213.6	87.1	-	-	-	-
	67	209.9	203.9	210.3	177.7	210.2	149.0	209.9	120.3	209.5	91.6	-	-	198.8	193.1	196.9	170.2	196.9	143.5	196.8	114.7	196.5	87.8	-	-
	62	209.9	203.8	199.5	193.7	193.1	176.3	193.2	148.2	192.8	119.8	192.1	93.3	198.8	193.1	188.6	183.2	180.5	170.0	180.7	142.1	180.4	113.9	179.9	87.3
	57	209.8	203.7	199.5	193.7	188.9	183.5	178.2	173.1	176.8	147.7	176.0	119.7	198.7	192.9	188.7	183.2	178.5	173.4	168.4	163.5	165.4	141.3	164.6	113.5
7000	77	249.4	157.4	249.8	126.1	250.2	92.3	-	-	-	-	-	-	233.3	151.8	234.0	120.4	234.6	88.9	-	-	-	-	-	-
	72	231.6	191.1	231.7	157.5	231.8	126.1	231.8	94.5	-	-	-	-	216.2	182.7	216.8	151.6	217.0	120.1	217.1	88.5	-	-	-	-
	67	218.4	212.1	214.2	191.4	214.5	158.3	214.2	126.9	213.7	95.4	-	-	206.3	200.4	199.8	184.3	200.5	151.8	200.3	120.6	199.7	89.2	-	-
	62	218.3	212.0	207.5	201.5	196.6	190.9	197.0	158.8	196.4	125.9	195.6	95.0	206.3	200.4	195.8	190.2	184.6	179.2	184.0	151.9	183.4	121.1	182.7	88.7
	57	218.4	212.1	207.4	201.5	196.4	190.7	185.2	179.9	180.3	157.6	179.3	125.4	206.3	200.4	195.8	190.1	185.1	179.8	174.4	169.4	167.9	150.0	167.4	120.3
7875	77	253.0	167.1	253.7	130.6	253.9	96.2	-	-	-	-	-	-	236.4	160.7	236.8	124.2	237.7	90.0	-	-	-	-	-	-
	72	234.6	202.8	235.0	168.9	235.1	132.4	235.2	95.9	-	-	-	-	218.4	197.3	219.5	162.0	219.7	125.9	219.9	91.8	-	-	-	-
	67	225.5	219.0	216.9	204.3	217.3	168.8	217.1	132.9	216.7	96.8	-	-	212.8	206.6	201.7	195.9	202.8	161.5	202.5	125.9	202.3	92.4	-	-
	62	225.6	219.0	214.2	208.0	202.6	196.8	200.2	167.2	199.6	131.8	198.7	98.4	212.6	206.5	201.7	195.9	190.6	185.1	186.4	161.1	185.9	126.4	185.4	91.8
	57	225.6	219.0	214.1	207.9	202.6	196.8	191.0	185.5	182.8	166.9	181.9	132.5	212.7	206.5	201.7	195.8	190.6	185.1	179.4	174.2	169.8	159.9	169.2	124.9
8750	77	255.4	176.1	256.1	136.8	256.7	97.2	-	-	-	-	-	-	238.2	168.9	238.9	129.9	239.9	93.2	-	-	-	-	-	-
	72	237.0	216.4	237.7	177.8	237.8	138.6	237.8	99.3	-	-	-	-	219.2	208.6	221.5	169.9	221.9	131.4	222.0	92.7	-	-	-	-
	67	231.7	225.1	219.9	213.5	219.7	177.1	219.6	138.6	219.1	100.0	-	-	218.2	211.9	206.7	200.7	204.6	170.9	204.6	131.2	204.1	93.2	-	-
	62	231.7	225.0	220.3	213.9	208.0	202.0	202.6	177.1	201.7	139.1	200.9	99.5	218.1	211.8	206.7	200.7	195.2	189.6	187.9	169.7	187.8	131.3	186.8	94.4
	57	231.6	225.0	220.1	213.8	207.9	201.9	195.9	190.2	184.6	175.7	184.3	137.8	218.1	211.8	206.7	200.8	195.1	189.5	183.6	178.3	171.7	166.7	171.0	129.6

Table 15: KD18 cooling performance, 115°F to 125°F

Air on evap. coil		Temperature of air on condenser coil																					
		Return dry bulb temperature (°F)												Return dry bulb temperature (°F)									
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		115°F												125°F									
4375	77	204.2	115.0	204.7	95.4	205.0	75.7	-	-	-	-	-	-	189.4	110.4	190.0	90.4	190.6	70.3	-	-	-	-	-	-
	72	188.7	135.6	188.8	115.5	189.0	95.5	189.2	75.3	-	-	-	-	174.9	130.8	175.1	110.5	175.4	90.3	175.5	69.9	-	-	-	-
	67	173.8	157.0	174.2	137.0	174.2	116.7	174.1	96.4	173.7	75.9	-	-	160.3	151.0	161.3	130.0	161.4	109.7	161.4	90.9	161.2	70.4	-	-
	62	168.3	163.4	159.9	155.3	160.1	136.8	159.6	116.2	159.2	95.9	158.8	75.5	158.0	153.4	149.9	145.6	147.9	130.7	147.9	110.6	147.6	90.3	147.1	70.0
	57	168.2	163.3	159.9	155.2	151.4	147.0	145.3	135.5	145.4	115.8	144.9	95.7	158.1	153.5	149.9	145.6	141.7	137.7	134.1	128.9	134.5	109.7	133.9	89.8
5250	77	210.1	126.5	210.2	102.1	210.9	77.8	-	-	-	-	-	-	193.9	120.5	194.6	96.4	196.5	72.5	-	-	-	-	-	-
	72	194.4	151.0	194.6	126.6	194.8	102.2	195.0	77.7	-	-	-	-	179.5	144.7	179.8	120.5	180.3	96.3	180.4	73.6	-	-	-	-
	67	178.4	173.2	179.1	151.3	179.1	127.0	179.2	102.7	179.1	78.3	-	-	167.1	162.2	165.2	144.4	165.4	120.4	165.3	96.3	165.5	73.9	-	-
	62	178.6	173.4	169.5	164.6	164.3	150.0	164.5	126.2	164.2	102.0	163.6	79.4	167.0	162.2	158.4	153.8	151.0	143.7	151.7	119.4	151.5	95.7	151.1	73.4
	57	178.6	173.4	169.5	164.6	160.3	155.7	151.2	146.8	150.1	125.4	149.6	101.7	166.7	161.9	158.4	153.8	149.6	145.3	140.8	136.7	138.2	118.1	137.8	95.0
6125	77	213.8	135.0	214.5	108.3	215.3	79.5	-	-	-	-	-	-	197.0	128.2	197.9	101.9	198.9	75.3	-	-	-	-	-	-
	72	198.2	163.6	198.3	136.7	198.6	108.0	198.9	81.1	-	-	-	-	182.3	155.8	182.7	129.5	183.0	101.3	183.6	74.9	-	-	-	-
	67	186.8	181.4	182.5	163.1	183.1	136.9	182.9	108.4	182.7	81.6	-	-	174.2	169.1	167.4	156.1	168.6	129.3	168.5	101.5	168.5	75.3	-	-
	62	186.7	181.3	177.2	172.1	167.5	162.6	167.6	135.1	167.4	108.9	166.9	81.0	174.1	169.0	165.0	160.3	155.7	151.2	154.1	128.7	153.8	101.6	153.6	74.6
	57	186.8	181.4	177.2	172.0	167.4	162.6	157.6	153.1	153.1	135.3	152.6	106.7	174.2	169.2	165.0	160.3	155.7	151.2	146.3	142.1	140.1	127.9	140.0	100.6
7000	77	216.7	145.2	217.5	114.0	218.3	82.7	-	-	-	-	-	-	199.2	137.4	200.2	106.9	202.5	76.7	-	-	-	-	-	-
	72	200.3	177.0	201.4	144.7	202.0	113.8	201.7	84.2	-	-	-	-	183.3	169.1	184.6	138.1	185.5	108.1	186.3	77.8	-	-	-	-
	67	193.4	187.9	184.1	177.0	185.7	146.1	185.8	113.7	185.4	82.8	-	-	179.9	174.8	170.2	165.3	170.5	137.4	170.6	107.7	170.4	77.8	-	-
	62	193.4	187.9	183.2	177.9	173.4	168.4	170.3	143.9	169.8	113.8	169.2	83.8	179.9	174.7	170.1	165.2	160.6	156.0	155.8	136.2	155.8	107.4	155.1	76.8
	57	193.4	187.8	183.4	178.1	173.2	168.2	162.9	158.2	154.8	142.8	154.6	112.6	179.9	174.7	170.4	165.5	160.5	155.8	150.7	146.4	141.0	135.6	141.3	105.6
7875	77	218.9	153.1	219.3	119.3	220.8	85.8	-	-	-	-	-	-	200.8	146.3	203.3	112.5	203.0	78.9	-	-	-	-	-	-
	72	201.2	189.5	203.0	153.8	203.6	118.6	203.8	85.1	-	-	-	-	184.4	179.1	185.8	146.2	186.8	112.5	186.9	79.9	-	-	-	-
	67	199.4	193.6	188.5	183.0	187.5	154.7	187.4	120.1	187.1	85.4	-	-	184.4	179.1	174.6	169.6	171.6	146.6	172.0	111.9	171.1	79.8	-	-
	62	199.0	193.3	188.5	183.1	177.8	172.7	171.8	153.5	171.8	118.5	171.0	84.7	184.4	179.1	174.6	169.5	164.5	159.8	156.3	145.7	157.0	111.3	156.3	78.9
	57	199.0	193.2	188.5	183.1	177.9	172.8	167.2	162.4	156.4	151.9	155.9	118.1	184.6	179.3	174.6	169.6	164.5	159.7	154.3	149.8	143.8	139.7	142.0	110.3
8750	77	220.2	162.5	221.2	124.6	222.4	86.4	-	-	-	-	-	-	201.5	154.6	202.8	118.2	204.0	81.2	-	-	-	-	-	-
	72	203.5	197.7	204.6	162.9	205.1	125.5	205.4	87.8	-	-	-	-	188.4	183.0	186.8	154.2	187.8	116.7	188.3	80.5	-	-	-	-
	67	203.6	197.7	192.7	187.1	188.8	161.3	188.9	124.7	188.7	88.0	-	-	188.4	183.0	178.2	173.1	171.9	153.6	172.5	117.3	172.4	80.4	-	-
	62	203.7	197.8	192.8	187.2	181.9	176.6	172.5	160.8	172.9	124.3	172.0	86.9	188.5	183.1	178.2	173.0	167.7	162.8	157.0	152.4	157.6	116.3	156.9	80.7
	57	203.6	197.8	192.9	187.3	181.8	176.6	170.6	165.7	159.2	154.6	156.9	121.9	188.6	183.1	178.3	173.1	167.8	163.0	157.1	152.5	146.2	142.0	142.4	114.8

BHC Residential & Light Commercial LLC

KD20 cooling capacity performance

Table 16: KD20 cooling performance, 75°F to 85°F

Air on evap. coil		Temperature of air on condenser coil																							
		Return dry bulb temperature (°F)												Return dry bulb temperature (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		75°F												85°F											
5000	77	303.0	148.0	302.4	123.1	302.0	101.1	-	-	-	-	-	-	290.6	142.0	290.3	120.8	289.5	96.9	-	-	-	-	-	-
	72	279.7	169.6	279.1	149.0	278.5	126.0	277.7	103.0	-	-	-	-	268.3	165.1	267.7	142.9	267.0	120.8	266.1	98.7	-	-	-	-
	67	257.8	193.6	257.1	172.2	256.4	148.5	255.3	124.8	254.4	103.6	-	-	247.0	187.8	246.4	165.0	245.5	144.4	244.5	121.7	243.5	99.2	-	-
	62	237.1	214.6	236.1	194.5	235.3	170.4	234.1	148.3	233.1	126.5	232.0	102.9	228.9	207.2	226.1	188.2	225.3	165.1	224.2	144.1	223.1	121.2	221.9	98.4
	57	237.0	214.4	225.5	204.0	215.2	192.8	214.4	170.7	213.2	146.6	212.1	124.8	228.8	207.1	217.3	196.7	205.9	186.3	204.8	164.9	203.8	142.0	202.7	119.2
6000	77	315.2	159.7	314.4	133.7	314.2	105.2	-	-	-	-	-	-	301.7	155.6	301.3	128.1	300.6	100.6	-	-	-	-	-	-
	72	291.6	187.4	291.0	160.7	290.5	134.1	289.4	107.4	-	-	-	-	279.2	182.0	278.6	156.3	277.8	128.2	276.7	102.6	-	-	-	-
	67	269.0	214.2	268.4	187.0	267.7	159.9	266.7	135.1	265.4	108.1	-	-	257.2	209.5	256.5	183.4	255.8	155.1	254.8	129.1	253.6	103.3	-	-
	62	255.0	230.7	246.7	214.3	241.5	185.8	245.0	161.8	243.8	134.6	242.6	107.6	245.5	222.2	235.6	208.9	234.9	182.8	234.0	154.6	233.0	128.6	231.5	102.6
	57	254.8	230.6	242.3	219.3	229.5	207.7	224.7	187.0	223.7	159.9	222.4	132.8	245.5	222.2	233.2	211.0	220.6	199.6	214.3	180.4	213.2	154.3	211.8	128.4
7000	77	324.4	170.3	323.5	140.5	323.5	111.2	-	-	-	-	-	-	310.1	165.6	309.6	134.5	308.8	106.2	-	-	-	-	-	-
	72	300.5	203.9	299.9	171.0	299.2	140.8	298.1	110.6	-	-	-	-	287.2	197.5	286.6	166.0	285.7	137.1	284.4	105.5	-	-	-	-
	67	277.9	233.9	277.2	203.2	276.3	172.5	275.2	142.0	273.9	111.5	-	-	265.0	227.8	264.5	198.7	263.6	167.0	262.3	137.7	261.1	106.3	-	-
	62	269.6	244.0	256.3	231.9	254.2	202.5	253.2	171.9	252.0	141.4	250.3	111.0	259.4	234.7	246.2	222.8	242.2	197.2	241.3	165.9	240.1	136.9	238.5	105.8
	57	269.5	243.9	256.1	231.7	242.5	219.4	232.1	201.6	231.2	171.6	229.8	141.4	259.3	234.7	246.1	222.7	232.9	210.7	221.0	196.0	220.1	165.3	218.6	136.5
8000	77	331.6	183.0	330.8	146.7	330.7	113.7	-	-	-	-	-	-	316.4	177.5	316.0	143.0	315.1	108.4	-	-	-	-	-	-
	72	307.5	217.1	306.8	183.3	306.0	149.6	304.8	113.1	-	-	-	-	293.5	212.5	292.8	177.5	291.9	142.6	290.5	110.4	-	-	-	-
	67	284.2	252.0	284.1	218.5	283.1	184.5	281.8	150.5	280.2	114.1	-	-	271.3	245.5	270.8	213.2	269.7	178.1	268.4	143.3	266.9	108.7	-	-
	62	281.9	255.1	267.8	242.3	260.9	219.6	259.6	183.3	258.2	149.5	256.6	116.1	270.9	245.2	257.0	232.6	248.0	211.0	246.9	178.8	245.6	144.5	243.8	110.3
	57	281.9	255.1	267.7	242.3	253.5	229.4	239.1	216.4	237.1	182.4	235.6	149.3	270.8	245.1	256.9	232.5	242.9	219.8	228.8	207.0	225.3	177.4	223.8	141.8
9000	77	337.4	192.4	336.6	155.4	336.4	115.7	-	-	-	-	-	-	321.7	186.3	321.3	148.3	320.2	110.1	-	-	-	-	-	-
	72	313.2	232.4	312.5	192.3	311.7	155.2	310.3	117.9	-	-	-	-	298.5	226.9	297.9	188.7	296.9	150.5	295.3	112.2	-	-	-	-
	67	292.7	264.9	289.4	233.1	288.2	195.6	287.0	155.8	285.4	118.8	-	-	280.7	254.0	275.4	226.8	274.2	188.6	272.9	150.7	271.4	113.0	-	-
	62	292.6	264.8	277.6	251.2	266.0	233.5	264.9	194.1	263.4	154.9	261.6	118.4	280.7	254.0	266.2	240.9	252.8	226.5	251.6	189.0	250.2	149.5	248.2	112.3
	57	292.5	264.7	277.6	251.2	262.7	237.7	247.6	224.1	241.8	192.6	240.3	154.4	280.6	254.0	266.1	240.8	251.4	227.5	236.6	214.1	229.5	187.0	227.9	148.5
10000	77	342.0	204.3	341.3	160.6	341.1	120.4	-	-	-	-	-	-	325.7	197.5	325.3	156.0	324.2	114.4	-	-	-	-	-	-
	72	317.8	247.3	317.1	203.8	316.3	163.1	314.5	119.6	-	-	-	-	302.6	241.0	302.0	196.8	300.9	155.2	299.3	113.8	-	-	-	-
	67	301.8	273.1	293.7	247.2	292.9	204.1	291.4	163.5	289.7	120.6	-	-	289.3	261.8	279.0	239.9	278.2	198.9	276.8	155.3	275.1	114.5	-	-
	62	301.7	273.1	286.2	259.0	271.0	245.3	269.1	204.6	267.6	162.2	265.5	120.1	289.2	261.7	274.0	248.0	258.8	234.2	255.3	198.7	253.8	156.2	251.6	116.1
	57	301.7	273.0	286.0	258.9	270.7	245.0	255.0	230.8	245.7	204.6	244.2	161.3	289.2	261.7	274.0	248.0	258.8	234.2	243.3	220.2	233.1	196.2	231.2	154.9

Table 17: KD20 cooling performance, 95°F to 105°F

Air on evap. coil		Temperature of air on condenser coil																							
		Return dry bulb temperature (°F)												Return dry bulb temperature (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		95°F												105°F											
5000	77	277.5	138.1	277.0	115.3	276.3	92.5	-	-	-	-	-	-	263.1	133.3	262.7	109.4	262.0	87.7	-	-	-	-	-	-
	72	255.8	159.8	255.3	138.6	254.5	115.2	253.6	94.1	-	-	-	-	242.5	155.8	242.0	133.6	241.3	111.4	240.6	89.3	-	-	-	-
	67	235.4	183.2	234.7	161.4	233.9	137.6	233.0	116.0	231.9	94.4	-	-	223.1	177.7	222.4	155.0	221.7	132.4	220.8	111.9	219.8	89.5	-	-
	62	220.1	199.2	215.1	183.0	214.5	161.1	213.6	137.2	212.5	115.4	211.2	93.7	210.5	190.5	203.3	176.6	203.1	154.4	202.2	131.8	201.1	111.0	199.9	88.6
	57	219.9	199.0	208.7	188.9	197.4	178.7	194.9	158.8	193.9	136.9	192.8	115.2	210.4	190.4	199.5	180.5	188.5	170.6	184.4	153.5	183.5	131.2	182.4	108.9
6000	77	287.4	148.2	286.9	122.0	286.1	98.4	-	-	-	-	-	-	272.3	142.9	271.4	117.9	270.6	93.1	-	-	-	-	-	-
	72	265.8	175.6	265.1	151.1	264.1	124.3	263.2	97.6	-	-	-	-	251.4	170.6	250.7	145.2	249.9	117.6	248.9	92.3	-	-	-	-
	67	244.6	203.6	243.8	176.5	243.0	149.6	242.2	125.0	241.0	98.1	-	-	231.0	196.5	230.3	170.9	229.7	143.4	228.9	118.0	227.7	92.7	-	-
	62	235.7	213.3	224.2	200.9	223.2	175.8	222.3	150.9	221.1	124.1	219.6	97.4	225.1	203.8	213.1	192.9	210.7	169.7	209.9	144.3	208.7	119.0	207.2	91.9
	57	235.6	213.2	223.4	202.1	211.2	191.2	203.2	174.7	202.4	148.4	201.0	121.9	224.9	203.5	213.0	192.8	201.1	182.0	191.5	168.1	190.9	143.4	189.5	116.6
7000	77	294.8	160.1	294.2	130.4	293.4	100.9	-	-	-	-	-	-	278.4	153.7	277.9	125.8	277.2	95.3	-	-	-	-	-	-
	72	272.7	192.5	272.2	160.1	271.4	130.2	270.2	100.3	-	-	-	-	257.4	184.0	256.7	155.6	256.0	125.1	255.1	97.0	-	-	-	-
	67	251.2	220.5	251.0	190.8	250.0	160.6	249.0	130.7	247.6	100.8	-	-	237.4	212.7	236.7	184.2	235.8	155.8	234.8	125.4	233.4	95.0	-	-
	62	248.5	224.9	235.5	213.1	229.5	191.1	228.6	161.4	227.4	131.7	225.8	100.1	236.6	214.1	224.1	202.8	216.1	183.8	215.3	153.9	214.2	124.1	212.5	96.2
	57	248.3	224.7	235.4	213.0	222.3	201.2	209.7	189.8	208.3	160.3	206.9	129.2	236.7	214.2	224.0	202.7	211.3	191.2	198.8	179.9	195.9	152.5	194.6	123.3
8000	77	300.4	171.3	300.0	135.7	298.9	102.8	-	-	-	-	-	-	283.3	164.1	282.7	130.5	281.7	96.9	-	-	-	-	-	-
	72	278.3	206.5	277.8	170.9	276.7	137.7	275.5	104.7	-	-	-	-	262.2	199.3	261.5	165.7	260.8	132.2	259.6	98.7	-	-	-	-
	67	259.2	234.6	256.1	206.3	255.4	171.0	254.3	138.1	252.7	105.2	-	-	246.6	223.2	241.3	198.7	240.4	165.3	239.3	132.1	237.7	98.9	-	-
	62	259.2	234.6	245.6	222.2	234.5	205.9	233.6	171.2	232.2	136.6	230.4	104.2	246.5	223.0	233.3	211.1	220.7	197.7	219.6	165.0	218.2	130.3	216.4	97.9
	57	259.0	234.4	245.4	222.1	231.6	209.6	217.9	197.2	212.7	169.4	211.3	135.8	246.6	223.1	233.2	211.0	219.7	198.8	206.3	186.7	199.6	162.5	198.2	129.2
9000	77	305.1	182.3	304.6	143.4	303.4	107.1	-	-	-	-	-	-	287.2	174.1	286.6	137.5	285.8	100.9	-	-	-	-	-	-
	72	282.6	219.9	282.0	181.2	281.0	145.0	279.7	106.3	-	-	-	-	265.9	211.7	265.2	175.2	264.4	138.8	263.1	100.0	-	-	-	-
	67	268.2	242.7	260.2	219.0	259.3	180.7	258.1	144.8	256.5	106.8	-	-	254.8	230.6	244.5	212.4	243.7	174.2	242.6	138.3	240.8	100.3	-	-
	62	268.1	242.6	253.9	229.8	239.6	216.8	237.7	180.7	236.2	143.2	234.2	106.0	254.6	230.4	240.8	217.9	226.7	205.2	223.0	173.6	221.6	136.4	219.6	101.3
	57	268.0	242.6	253.8	229.7	239.4	216.6	225.0	203.6	216.4	180.2	214.6	141.8	254.5	230.3	240.7	217.9	226.7	205.2	212.8	192.6	202.6	172.4	201.0	136.4
10000	77	308.6	189.9	308.0	150.5	306.8	108.3	-	-	-	-	-	-	290.0	183.7	289.4	144.1	288.8	101.9	-	-	-	-	-	-
	72	286.2	233.1	285.6	191.2	284.5	149.3	282.6	110.0	-	-	-	-	268.5	226.0	268.2	184.4	267.3	142.7	265.9	103.5	-	-	-	-
	67	276.0	249.8	263.5	231.3	262.7	190.2	261.5	149.1	259.7	110.5	-	-	261.9	237.0	247.5	224.0	246.6	185.2	245.4	144.3	243.5	103.6	-	-
	62	276.0	249.7	261.2	236.4	246.1	222.7	240.9	191.9	239.3	149.4	237.1	109.4	261.7	236.8	247.3	223.8	232.8	210.6	225.8	183.9	224.1	141.9	222.0	102.5
	57	276.0	249.7	261.1	236.3	246.1	222.7	231.1	209.2	219.3	188.6	217.5	147.7	261.5	236.6	247.3	223.8	232.7	210.6	218.2	197.5	205.0	181.8	203.4	141.7

Table 18: KD20 cooling performance, 115°F to 125°F

Air on evap. coil		Temperature of air on condenser coil																					
		Return dry bulb temperature (°F)												Return dry bulb temperature (°F)									
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		115°F												125°F									
5000	77	248.0	127.9	247.6	105.3	246.9	82.7	-	-	-	-	-	-	231.8	121.7	231.4	100.5	231.1	79.5	-	-	-	-	-	-
	72	228.3	148.8	227.8	127.8	227.3	104.9	226.6	84.1	-	-	-	-	213.4	142.9	212.9	121.4	212.4	99.9	211.7	78.6	-	-	-	-
	67	209.8	170.9	209.3	149.7	208.7	126.6	207.9	105.4	206.8	84.2	-	-	195.7	164.7	195.5	143.3	194.9	121.7	194.2	100.2	193.2	78.7	-	-
	62	200.3	181.3	191.3	169.7	191.1	148.7	190.3	127.4	189.2	104.4	187.9	83.3	189.4	171.4	179.2	162.2	178.3	142.0	177.5	120.5	176.6	99.1	175.4	77.8
	57	200.3	181.3	189.6	171.6	179.1	162.1	173.2	147.3	172.5	124.9	171.2	103.8	189.3	171.3	179.1	162.1	169.0	152.9	161.0	141.3	160.7	119.2	159.6	98.2
6000	77	255.4	138.7	255.0	113.1	254.4	87.5	-	-	-	-	-	-	237.9	131.4	237.8	107.6	236.2	81.2	-	-	-	-	-	-
	72	235.9	164.4	235.4	138.5	234.9	112.7	233.9	86.8	-	-	-	-	219.9	157.2	219.4	133.0	218.9	107.0	217.9	80.9	-	-	-	-
	67	216.4	189.9	216.2	164.4	215.5	138.5	214.7	112.7	213.6	87.0	-	-	201.5	182.4	201.4	156.7	200.7	132.6	199.9	106.7	198.8	80.9	-	-
	62	213.6	193.3	202.0	182.8	197.5	162.6	196.7	137.1	195.7	111.6	194.2	86.1	201.1	182.0	190.2	172.2	183.3	156.0	182.9	130.8	182.0	105.4	180.5	81.7
	57	213.4	193.1	201.9	182.8	190.5	172.4	179.6	160.9	178.6	135.8	177.4	110.8	201.2	182.1	190.2	172.1	179.2	162.1	168.0	152.1	165.9	129.1	164.8	104.4
7000	77	261.0	148.8	260.7	118.0	259.9	89.4	-	-	-	-	-	-	242.4	142.6	242.4	111.9	241.9	83.2	-	-	-	-	-	-
	72	241.1	178.9	240.6	148.0	240.0	119.5	238.9	90.8	-	-	-	-	224.0	170.3	223.6	141.6	223.0	113.0	222.1	84.4	-	-	-	-
	67	224.3	203.0	221.5	178.4	220.9	148.0	219.9	119.4	218.5	90.9	-	-	210.8	190.7	205.5	171.1	205.1	141.1	204.2	112.7	202.9	84.5	-	-
	62	224.2	202.9	211.9	191.8	202.0	177.3	201.2	147.5	200.2	117.8	198.7	89.9	210.7	190.7	199.1	180.1	187.6	169.7	186.6	140.2	185.6	112.5	184.2	83.3
	57	224.1	202.8	211.9	191.8	199.6	180.7	187.4	169.6	182.9	145.7	181.6	116.7	210.7	190.6	199.0	180.1	187.3	169.5	175.5	158.8	169.2	139.3	168.1	111.0
8000	77	265.2	158.4	264.8	124.6	264.0	93.2	-	-	-	-	-	-	245.9	151.3	245.8	117.9	246.2	86.9	-	-	-	-	-	-
	72	245.1	190.8	244.6	159.4	244.0	125.8	242.8	92.3	-	-	-	-	227.0	184.9	226.8	151.9	226.3	118.8	225.2	87.6	-	-	-	-
	67	233.0	210.9	225.0	191.4	224.6	158.6	223.6	125.5	222.1	92.4	-	-	218.7	197.9	208.0	184.4	207.9	150.5	207.1	118.1	205.7	87.5	-	-
	62	232.8	210.7	220.1	199.1	207.2	187.5	204.9	157.6	203.6	125.3	201.9	91.3	218.5	197.7	206.2	186.6	193.8	175.4	189.5	149.2	188.4	117.6	186.7	86.2
	57	232.8	210.7	220.1	199.1	207.1	187.4	194.2	175.8	185.8	156.4	184.5	123.6	218.6	197.8	206.2	186.6	193.8	175.4	181.4	164.2	171.5	147.4	170.3	115.6
9000	77	268.3	167.5	267.9	130.9	267.2	94.3	-	-	-	-	-	-	248.4	161.9	248.4	123.6	247.9	89.7	-	-	-	-	-	-
	72	247.8	204.1	247.5	168.0	246.8	131.8	245.7	95.6	-	-	-	-	228.8	196.7	229.1	159.7	228.5	124.1	227.5	88.5	-	-	-	-
	67	240.3	217.4	227.8	204.1	227.3	168.7	226.2	131.0	224.6	95.5	-	-	225.0	203.6	212.2	192.0	210.1	159.7	209.2	124.9	207.6	88.3	-	-
	62	240.4	217.6	227.0	205.4	213.4	193.1	207.8	167.4	206.4	130.7	204.4	94.4	224.9	203.6	212.1	192.0	199.3	180.3	191.5	159.4	190.5	122.4	188.6	88.8
	57	240.2	217.4	226.9	205.3	213.4	193.1	199.9	180.9	188.3	165.3	186.8	128.5	224.9	203.5	212.1	191.9	199.3	180.3	186.3	168.6	173.5	157.0	172.0	121.4
10000	77	270.5	176.3	270.4	137.0	269.5	97.5	-	-	-	-	-	-	250.0	169.7	249.9	128.9	249.9	90.5	-	-	-	-	-	-
	72	249.8	217.0	250.0	176.5	249.3	137.6	248.0	96.5	-	-	-	-	230.7	208.8	230.8	169.2	230.5	129.3	229.5	91.4	-	-	-	-
	67	246.5	223.1	232.7	210.6	229.6	176.6	228.6	136.5	226.8	96.5	-	-	230.4	208.5	217.2	196.5	211.9	168.7	210.8	129.7	209.3	90.9	-	-
	62	246.5	223.1	232.7	210.6	218.7	197.9	209.4	174.4	208.2	135.7	206.1	97.0	230.3	208.4	217.1	196.5	203.8	184.5	192.9	167.6	191.7	128.4	189.9	89.3
	57	246.6	223.1	232.6	210.5	218.6	197.9	204.6	185.2	190.7	172.6	188.6	133.1	230.3	208.4	217.1	196.5	203.8	184.5	190.3	172.2	176.8	160.0	173.3	125.4

KD25 cooling capacity performance

Table 19: KD25 cooling performance, 75°F to 85°F

Air on evap. coil		Temperature of air on condenser coil																					
		Return dry bulb temperature (°F)												Return dry bulb temperature (°F)									
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		75°F												85°F									
6250	77	369.9	188.3	368.6	159.8	367.9	128.3	-	-	-	-	-	-	353.9	183.5	353.0	153.0	351.6	122.6	-	-	-	-	-	-
	72	341.6	218.9	340.6	189.4	339.4	159.9	338.2	130.7	-	-	-	-	326.7	212.5	325.6	184.2	324.4	152.9	323.1	124.9	-	-	-	-
	67	314.9	249.3	313.8	218.9	312.7	188.6	311.3	161.4	309.9	131.4	-	-	301.0	241.1	299.9	212.0	298.7	183.0	297.2	154.1	295.8	125.5	-	-
	62	291.3	274.6	288.6	247.5	287.3	219.4	285.7	188.5	283.9	160.6	282.4	130.4	280.7	264.5	275.7	241.7	274.4	212.1	272.9	182.7	271.4	153.5	269.8	124.6
	57	291.1	274.4	276.5	260.6	263.3	245.7	261.2	216.7	259.9	188.6	258.3	158.2	280.5	264.4	266.2	250.9	251.7	237.3	249.3	211.5	247.8	182.2	246.0	153.0
7500	77	383.6	202.5	382.5	169.5	382.2	133.3	-	-	-	-	-	-	366.5	196.9	365.6	162.0	364.4	127.1	-	-	-	-	-	-
	72	355.7	241.4	354.8	204.0	353.8	170.1	351.7	135.9	-	-	-	-	339.8	233.8	338.7	197.9	337.3	165.3	335.9	129.8	-	-	-	-
	67	328.2	275.3	327.1	240.5	325.9	205.8	324.5	171.3	323.0	137.0	-	-	313.2	268.6	312.0	232.3	310.8	199.2	309.5	163.4	308.0	130.6	-	-
	62	312.7	294.7	301.2	275.4	300.0	240.3	298.5	205.4	296.9	170.7	295.3	136.4	300.8	283.5	287.7	265.8	285.9	231.7	284.6	198.5	282.8	165.3	281.3	129.9
	57	312.5	294.6	296.7	279.7	281.0	264.9	273.7	239.9	272.3	205.3	270.6	170.9	300.6	283.3	285.3	268.9	269.9	254.4	260.6	230.9	259.3	198.0	257.4	162.5
8750	77	394.4	219.3	393.5	178.0	392.7	140.7	-	-	-	-	-	-	376.5	212.9	375.4	173.4	374.3	134.1	-	-	-	-	-	-
	72	365.5	258.4	364.6	220.0	363.6	181.6	362.2	140.0	-	-	-	-	348.5	253.0	347.6	213.0	346.6	173.1	345.2	133.4	-	-	-	-
	67	337.9	299.4	337.4	260.8	336.2	221.8	334.9	179.9	333.1	141.3	-	-	322.4	291.8	321.6	254.6	320.4	214.4	318.9	174.3	317.1	134.5	-	-
	62	330.1	311.1	313.6	295.6	309.7	259.8	308.2	220.8	306.8	182.2	304.9	140.8	317.2	299.0	300.9	283.7	295.0	253.0	293.3	212.9	291.8	173.3	290.0	133.9
	57	329.9	311.0	313.4	295.4	296.6	279.6	282.8	258.6	281.5	220.3	279.8	179.3	317.3	299.1	300.7	283.5	284.5	268.2	269.8	249.2	267.5	211.8	266.0	173.0
10000	77	402.4	231.4	401.4	189.2	401.0	143.6	-	-	-	-	-	-	383.9	224.4	383.0	180.5	381.5	136.6	-	-	-	-	-	-
	72	373.6	278.2	372.9	235.5	371.7	189.2	369.9	146.5	-	-	-	-	356.2	272.0	355.3	227.7	354.0	183.5	352.4	139.5	-	-	-	-
	67	347.1	320.6	345.4	280.0	344.1	236.8	342.7	190.6	340.6	144.5	-	-	331.1	312.1	328.7	272.7	327.4	228.4	326.0	184.4	324.1	140.5	-	-
	62	344.9	325.1	327.2	308.4	317.3	281.1	315.9	235.2	314.4	189.7	312.3	147.2	331.0	312.0	313.9	295.9	301.6	270.1	300.2	226.4	298.6	183.0	296.4	139.7
	57	344.6	324.8	327.1	308.3	309.8	292.0	292.1	275.3	288.5	233.9	286.8	189.2	330.9	311.9	313.8	295.8	296.7	279.7	279.6	263.5	274.2	227.5	272.5	182.4
11250	77	409.1	246.8	408.3	196.3	407.5	146.0	-	-	-	-	-	-	389.8	238.8	389.1	190.7	387.8	142.6	-	-	-	-	-	-
	72	380.2	297.5	379.3	246.7	378.2	199.6	376.4	149.0	-	-	-	-	362.0	290.0	360.8	241.5	359.8	189.9	358.3	141.8	-	-	-	-
	67	357.3	336.8	351.3	298.0	350.0	247.4	348.6	200.5	346.8	150.4	-	-	342.6	322.9	334.0	289.6	332.7	241.5	331.5	190.6	329.6	142.9	-	-
	62	357.2	336.7	338.9	319.5	323.5	298.8	322.3	249.1	320.6	199.5	318.5	150.1	342.7	323.0	324.8	306.2	308.2	287.6	306.4	239.7	304.5	192.3	302.1	142.4
	57	357.1	336.6	338.8	319.3	320.7	302.3	302.6	285.2	294.5	247.1	292.7	198.6	342.6	322.9	324.8	306.1	306.9	289.3	289.1	272.5	279.4	239.7	277.6	191.0
12500	77	413.9	257.5	413.4	206.5	413.0	151.8	-	-	-	-	-	-	394.2	252.6	393.7	196.7	392.4	144.2	-	-	-	-	-	-
	72	385.4	316.0	384.5	260.9	383.2	205.9	381.8	151.1	-	-	-	-	366.5	307.4	366.0	251.8	364.8	199.5	363.1	147.2	-	-	-	-
	67	368.0	346.8	356.1	315.5	355.3	261.2	354.0	206.9	352.0	152.6	-	-	352.7	332.5	338.7	306.4	337.8	254.7	336.1	199.6	334.3	145.0	-	-
	62	367.9	346.8	348.8	328.8	330.3	311.4	327.3	262.2	325.4	208.6	323.2	152.3	352.6	332.4	334.5	315.3	315.9	297.8	310.6	254.7	308.8	200.8	306.2	147.2
	57	367.7	346.6	348.9	328.9	330.2	311.3	311.5	293.6	299.3	262.3	297.6	207.6	352.6	332.4	334.4	315.2	315.9	297.8	297.4	280.4	283.8	254.1	282.0	199.4

Table 20: KD25 cooling performance, 95°F to 105°F

Air on evap. coil		Temperature of air on condenser coil																							
		Return dry bulb temperature (°F)												Return dry bulb temperature (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		95°F												105°F											
6250	77	337.0	174.7	335.6	145.5	334.4	116.6	-	-	-	-	-	-	318.2	168.0	317.1	140.5	316.0	110.2	-	-	-	-	-	-
	72	310.6	204.9	309.6	175.1	308.3	148.2	306.9	118.6	-	-	-	-	293.3	196.3	292.4	168.1	291.1	140.0	289.8	112.0	-	-	-	-
	67	286.0	234.5	285.0	204.1	283.6	176.4	282.3	146.4	280.8	119.1	-	-	270.0	226.5	269.0	197.8	267.7	169.1	266.3	140.6	264.8	112.3	-	-
	62	269.0	253.5	261.1	233.8	260.4	203.7	259.0	175.8	257.4	148.0	255.7	118.1	256.5	241.8	246.1	225.0	245.4	196.6	244.2	168.0	242.4	139.3	240.7	111.2
	57	268.8	253.4	254.9	240.3	240.9	227.1	236.6	202.9	234.9	175.0	233.4	145.2	256.2	241.5	242.6	228.7	229.0	215.9	222.6	195.2	221.3	166.9	219.6	138.7
7500	77	348.2	190.3	347.0	157.0	346.0	123.9	-	-	-	-	-	-	328.3	182.6	327.5	148.2	326.3	116.9	-	-	-	-	-	-
	72	322.4	224.9	321.4	190.8	320.2	157.0	318.3	123.0	-	-	-	-	304.3	218.0	303.1	182.8	301.8	150.8	300.3	116.0	-	-	-	-
	67	297.0	260.3	295.8	225.8	294.7	191.7	293.4	157.6	291.8	123.8	-	-	279.6	250.3	278.6	218.0	277.5	183.1	276.2	151.0	274.7	116.5	-	-
	62	287.9	271.4	272.8	257.2	270.7	224.6	269.5	190.5	267.9	156.6	266.0	122.9	274.1	258.3	259.4	244.5	254.6	216.0	253.3	183.8	252.0	149.6	250.0	115.5
	57	287.8	271.3	272.7	257.0	257.7	242.9	246.7	223.2	245.6	189.8	243.8	156.3	274.1	258.3	259.3	244.4	244.6	230.6	231.9	214.2	230.5	182.5	228.8	148.8
8750	77	357.1	205.3	356.2	164.5	355.2	127.2	-	-	-	-	-	-	336.3	196.6	335.5	158.1	334.3	119.7	-	-	-	-	-	-
	72	330.6	246.2	329.5	205.0	328.4	167.1	327.1	126.4	-	-	-	-	311.1	237.5	310.4	198.9	309.0	160.2	307.6	121.8	-	-	-	-
	67	306.0	282.7	304.4	243.9	303.3	205.9	301.9	167.9	300.0	127.2	-	-	288.5	271.9	286.3	237.5	285.2	199.0	283.9	160.5	282.0	122.3	-	-
	62	303.2	285.8	287.5	271.0	278.3	244.0	277.3	206.5	275.9	166.4	273.9	129.1	288.5	272.0	272.7	257.0	261.7	234.3	260.4	196.3	258.9	158.6	257.1	121.2
	57	303.3	285.9	287.4	270.9	271.3	255.8	255.3	240.7	253.0	205.1	251.1	165.7	288.3	271.7	272.8	257.2	257.3	242.5	241.8	228.0	237.1	194.5	235.4	157.5
10000	77	363.8	219.5	362.9	174.5	361.6	129.5	-	-	-	-	-	-	342.4	209.8	341.6	167.4	340.3	125.1	-	-	-	-	-	-
	72	337.4	264.0	336.5	218.8	335.3	173.8	333.7	132.1	-	-	-	-	317.1	254.0	316.3	211.7	315.3	166.4	313.7	124.2	-	-	-	-
	67	316.3	298.1	310.9	263.8	309.6	218.8	308.3	174.4	306.3	132.8	-	-	300.4	283.2	291.9	255.9	290.6	210.9	289.6	166.5	287.5	124.7	-	-
	62	316.2	298.1	299.5	282.3	285.2	263.4	283.6	219.2	282.0	175.4	279.8	131.9	300.2	282.9	284.1	267.8	268.5	250.5	266.5	211.0	264.5	167.0	262.2	123.6
	57	316.2	298.0	299.3	282.2	282.7	266.4	266.0	250.7	258.5	216.9	257.0	174.4	300.1	282.9	284.0	267.7	267.8	252.4	251.6	237.1	242.1	207.6	240.5	165.5
11250	77	369.3	233.2	368.4	184.0	367.2	135.0	-	-	-	-	-	-	347.1	222.5	346.3	176.3	345.4	127.0	-	-	-	-	-	-
	72	342.6	280.9	341.7	231.9	340.5	183.0	338.6	134.1	-	-	-	-	321.1	272.4	320.6	223.6	320.0	174.9	317.9	128.8	-	-	-	-
	67	327.1	308.3	315.9	279.9	314.4	231.1	313.2	183.0	311.2	134.9	-	-	310.5	292.6	296.4	271.0	295.2	222.6	293.8	174.5	291.7	129.2	-	-
	62	327.1	308.3	309.7	291.9	292.4	275.6	289.0	231.5	287.3	184.1	284.8	136.9	310.3	292.5	293.5	276.7	276.6	260.7	270.6	224.4	269.1	175.0	266.8	128.2
	57	326.9	308.2	309.6	291.8	292.3	275.5	275.0	259.2	263.3	230.8	261.4	182.3	310.3	292.5	293.5	276.7	276.5	260.7	259.7	244.8	246.3	220.6	244.4	172.8
12500	77	373.0	242.6	372.3	189.5	371.5	136.6	-	-	-	-	-	-	350.2	234.4	349.8	181.3	349.0	131.6	-	-	-	-	-	-
	72	346.3	297.0	345.9	244.5	345.1	191.9	342.9	139.0	-	-	-	-	324.6	287.6	324.8	235.8	323.7	183.1	322.2	130.6	-	-	-	-
	67	336.5	317.1	320.6	296.1	319.1	246.7	317.7	191.6	315.3	139.7	-	-	318.9	300.6	301.7	284.4	299.0	236.8	297.8	182.5	295.7	131.0	-	-
	62	336.7	317.4	318.5	300.2	300.5	283.2	293.0	245.8	291.0	192.0	288.6	138.8	318.8	300.5	301.6	284.3	284.1	267.8	274.2	235.2	272.4	182.3	269.9	132.3
	57	336.4	317.1	318.4	300.1	300.5	283.2	282.6	266.4	267.2	244.3	265.4	190.1	318.7	300.4	301.6	284.3	284.1	267.8	266.8	251.5	250.1	233.4	248.2	182.5

Table 21: KD25 cooling performance, 115°F to 125°F

Air on evap. coil		Temperature of air on condenser coil																							
		Return dry bulb temperature (°F)												Return dry bulb temperature (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		115°F												125°F											
6250	77	298.5	160.4	297.4	131.8	296.4	103.4	-	-	-	-	-	-	277.5	154.3	276.7	125.2	275.7	98.7	-	-	-	-	-	-
	72	274.8	189.1	274.1	160.2	272.8	133.7	271.6	105.0	-	-	-	-	255.6	180.7	254.7	153.6	253.3	126.6	252.2	97.5	-	-	-	-
	67	252.9	216.9	251.8	189.9	250.8	160.8	249.4	134.0	247.8	105.1	-	-	234.2	207.5	233.7	180.7	232.8	153.6	231.5	124.4	229.9	97.5	-	-
	62	243.0	229.0	231.3	213.7	229.7	188.4	228.4	159.3	226.7	132.5	224.9	103.9	228.7	215.6	216.0	203.6	212.9	178.6	211.7	151.7	210.3	124.9	208.5	96.3
	57	243.0	229.0	229.7	216.5	216.5	204.1	207.6	185.9	206.7	157.8	205.0	129.5	228.6	215.5	215.8	203.5	203.1	191.4	192.3	175.8	191.3	149.6	189.6	121.5
7500	77	307.2	176.7	306.5	141.5	305.3	109.3	-	-	-	-	-	-	285.0	166.6	284.2	134.0	283.4	101.5	-	-	-	-	-	-
	72	284.4	209.1	283.5	176.4	282.6	143.8	281.1	108.6	-	-	-	-	263.7	201.3	263.0	168.6	262.0	135.8	260.9	103.3	-	-	-	-
	67	261.9	241.9	260.6	208.8	259.3	176.0	258.1	143.5	256.6	108.9	-	-	243.6	229.6	241.3	200.2	240.4	167.7	239.0	135.1	237.2	102.9	-	-
	62	259.3	244.4	245.2	231.2	237.3	208.1	236.6	173.9	235.1	141.8	233.1	109.9	243.5	229.5	229.8	216.6	219.6	198.7	218.7	164.9	217.3	133.2	215.4	101.5
	57	259.2	244.3	244.8	230.8	230.8	217.5	216.6	204.2	214.9	172.1	213.2	140.7	243.4	229.5	229.6	216.5	216.1	203.7	202.4	190.8	198.8	163.0	196.7	131.6
8750	77	314.3	189.6	313.6	150.7	312.6	112.0	-	-	-	-	-	-	291.1	181.1	290.2	142.3	289.5	106.4	-	-	-	-	-	-
	72	290.5	227.3	289.7	188.4	288.7	152.4	287.2	113.7	-	-	-	-	268.8	217.9	268.1	179.4	267.2	143.6	265.8	105.2	-	-	-	-
	67	272.4	256.8	267.1	226.5	266.2	188.2	264.8	152.3	263.2	114.1	-	-	255.4	240.7	246.5	218.4	246.0	180.9	245.0	143.2	243.2	105.5	-	-
	62	272.4	256.8	257.4	242.6	244.4	225.7	242.6	187.5	241.1	150.0	239.4	112.8	255.4	240.7	241.0	227.1	226.6	213.5	224.1	179.5	222.5	140.5	220.7	104.0
	57	272.3	256.7	257.2	242.5	242.3	228.4	227.4	214.4	220.4	187.0	218.9	148.6	255.3	240.7	240.9	227.1	226.5	213.5	211.9	199.8	203.2	176.2	201.5	140.6
10000	77	319.5	201.8	318.9	159.3	317.8	116.8	-	-	-	-	-	-	295.6	192.3	295.2	150.2	294.4	108.2	-	-	-	-	-	-
	72	295.6	245.2	295.2	203.1	294.1	160.8	292.6	115.8	-	-	-	-	272.8	236.6	272.9	192.9	272.0	151.3	270.7	109.7	-	-	-	-
	67	283.5	267.2	272.1	243.6	271.1	201.9	269.7	160.2	267.8	116.1	-	-	265.1	249.9	251.5	232.4	250.4	193.6	249.1	150.3	247.2	109.5	-	-
	62	283.2	267.0	267.7	252.3	251.9	237.5	247.7	200.8	246.2	157.8	243.9	117.3	265.0	249.8	250.1	235.8	235.2	221.7	228.2	191.4	226.9	149.7	224.7	108.0
	57	283.2	266.9	267.6	252.3	251.9	237.4	236.2	222.6	224.7	199.1	223.2	157.8	265.0	249.8	250.0	235.7	235.2	221.7	220.0	207.4	206.7	189.0	205.1	146.9
11250	77	323.6	213.5	323.0	167.5	322.1	118.4	-	-	-	-	-	-	298.9	205.7	298.7	157.7	297.4	112.1	-	-	-	-	-	-
	72	299.1	262.2	298.8	214.1	297.8	168.4	297.1	120.4	-	-	-	-	276.2	252.5	276.0	205.5	275.2	158.2	273.8	113.5	-	-	-	-
	67	292.2	275.4	276.9	258.4	274.8	215.0	273.6	167.6	271.5	120.3	-	-	273.5	257.8	257.9	243.1	253.3	205.3	252.4	159.4	250.3	113.3	-	-
	62	292.3	275.5	276.2	260.4	260.0	245.1	251.1	213.0	250.1	167.4	247.8	119.1	273.3	257.6	257.9	243.1	242.2	228.3	231.5	202.9	230.3	156.3	228.0	111.8
	57	292.4	275.6	276.2	260.4	260.0	245.0	243.7	229.7	228.9	211.4	226.8	164.6	273.3	257.6	257.9	243.1	242.4	228.5	226.6	213.6	211.1	199.0	208.4	155.1
12500	77	326.5	227.8	326.0	175.1	325.2	122.6	-	-	-	-	-	-	301.2	218.6	301.7	164.9	300.6	116.2	-	-	-	-	-	-
	72	302.8	276.9	302.3	228.0	301.3	176.1	300.2	124.5	-	-	-	-	280.2	264.1	278.7	218.1	278.2	165.2	276.9	114.8	-	-	-	-
	67	300.1	282.9	283.5	267.2	278.1	228.0	277.0	174.9	274.9	124.4	-	-	280.2	264.1	264.5	249.3	256.0	217.2	255.2	166.0	253.2	114.5	-	-
	62	300.2	283.0	283.5	267.3	266.8	251.5	254.5	225.5	252.9	174.0	250.6	122.8	280.3	264.2	264.9	249.7	248.4	234.2	234.3	214.3	232.6	164.4	230.3	115.1
	57	300.2	283.0	283.6	267.3	266.8	251.5	249.9	235.6	233.3	219.9	229.9	173.4	280.3	264.2	264.4	249.2	248.4	234.2	232.3	219.0	216.2	203.8	211.1	163.1

BHC Residential & Light Commercial LLC

KD28 cooling capacity performance

Table 22: KD28 cooling performance, 75°F to 85°F

Air on evap. coil		Temperature of air on condenser coil																					
		Return dry bulb temperature (°F)												Return dry bulb temperature (°F)									
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		75°F												85°F									
6875	77	408.7	213.5	407.9	177.6	407.5	145.8	-	-	-	-	-	-	392.5	205.0	391.3	174.1	390.2	139.7	-	-	-	-	-	-
	72	377.3	244.5	376.5	214.9	375.4	181.6	374.4	148.5	-	-	-	-	361.6	237.9	361.0	206.0	359.9	174.1	358.7	142.3	-	-	-	-
	67	347.3	278.9	346.4	248.0	345.5	213.9	344.1	183.1	343.0	149.3	-	-	332.6	273.5	331.9	240.8	330.8	208.0	329.7	175.4	328.5	143.0	-	-
	62	320.2	309.8	318.3	280.2	317.2	245.5	316.0	214.0	314.7	182.7	313.3	148.5	308.8	298.7	304.6	271.0	303.7	238.0	302.2	207.6	301.0	174.7	299.8	142.1
	57	319.6	309.1	304.0	294.1	290.1	277.8	288.8	245.9	287.5	211.4	286.3	180.1	308.5	298.4	293.2	283.6	278.5	269.4	276.5	238.0	275.4	205.1	274.1	172.4
8250	77	426.3	231.0	425.0	193.2	424.0	151.8	-	-	-	-	-	-	407.8	224.9	406.7	184.9	405.7	145.2	-	-	-	-	-	-
	72	394.1	270.7	393.2	232.0	392.1	193.4	390.7	154.9	-	-	-	-	377.3	262.8	376.4	225.8	375.2	185.1	373.7	148.2	-	-	-	-
	67	363.2	309.2	362.2	269.8	361.3	234.2	360.0	195.0	358.5	156.1	-	-	347.4	302.4	346.4	264.7	345.3	223.8	344.2	186.4	342.6	149.2	-	-
	62	344.2	333.0	333.0	309.2	332.1	269.8	331.0	233.7	329.6	194.5	327.8	155.4	331.9	321.0	318.3	301.8	317.2	263.9	316.1	226.3	314.9	185.8	313.2	148.4
	57	344.0	332.8	327.1	316.4	310.1	300.0	303.8	270.4	302.4	231.1	300.5	191.9	331.7	320.9	315.0	304.7	298.2	288.5	289.8	260.7	288.7	223.4	287.0	186.0
9625	77	438.8	246.2	437.8	203.3	437.8	160.9	-	-	-	-	-	-	419.8	239.6	419.0	194.6	417.4	153.5	-	-	-	-	-	-
	72	406.3	294.8	405.3	247.0	404.4	203.4	402.8	159.7	-	-	-	-	388.2	285.4	387.3	239.8	386.4	198.1	384.3	152.4	-	-	-	-
	67	375.7	338.0	374.5	293.4	373.6	249.4	372.2	205.2	370.3	161.2	-	-	358.4	329.4	357.7	287.2	356.7	241.6	354.9	199.1	353.4	153.8	-	-
	62	364.2	352.3	346.2	334.9	343.6	292.5	342.2	248.3	341.0	204.5	339.2	160.8	351.0	339.5	333.1	322.2	327.5	285.1	326.5	243.2	325.1	198.1	323.2	153.2
	57	364.0	352.1	346.0	334.8	328.0	317.3	314.3	291.9	313.0	248.3	311.3	204.8	350.8	339.4	332.9	322.1	315.1	304.8	299.5	283.9	298.1	242.2	296.7	198.1
11000	77	448.9	264.9	447.9	212.3	446.9	164.3	-	-	-	-	-	-	428.9	257.2	428.0	207.0	426.3	156.7	-	-	-	-	-	-
	72	416.1	314.0	415.1	265.1	414.1	216.3	412.4	163.6	-	-	-	-	397.1	307.3	396.4	256.9	395.4	206.6	393.5	159.9	-	-	-	-
	67	384.7	364.7	383.9	315.7	382.8	266.6	381.4	217.7	379.3	165.1	-	-	368.2	352.6	366.4	308.4	365.0	257.8	363.6	207.5	361.6	157.4	-	-
	62	381.3	368.9	362.1	350.3	352.8	314.0	351.3	265.1	349.8	216.5	347.8	168.2	366.8	354.8	348.0	336.6	335.4	304.9	334.8	259.1	333.1	209.4	330.9	160.1
	57	381.2	368.8	362.0	350.2	342.8	331.7	324.0	313.4	321.1	264.0	319.9	216.6	366.7	354.8	347.9	336.5	329.0	318.3	310.3	300.2	305.7	257.3	304.3	209.0
12375	77	457.1	278.6	456.1	225.0	455.0	167.2	-	-	-	-	-	-	436.0	269.9	435.6	214.9	433.8	159.5	-	-	-	-	-	-
	72	424.0	336.3	423.1	278.3	421.9	224.5	420.1	170.7	-	-	-	-	404.3	328.6	403.4	273.2	402.5	218.0	400.5	162.7	-	-	-	-
	67	395.9	383.0	391.0	336.6	390.2	283.1	388.8	225.7	386.7	172.1	-	-	380.5	368.1	373.1	328.4	371.6	273.2	370.2	218.4	368.1	163.8	-	-
	62	395.8	382.8	375.6	363.3	360.4	334.7	358.8	281.2	357.1	228.0	354.9	171.7	380.3	367.9	360.9	349.1	343.2	325.3	341.7	274.3	339.9	217.0	337.5	163.2
	57	395.7	382.8	375.7	363.4	355.5	343.9	335.5	324.6	328.2	279.4	326.5	224.2	380.3	367.9	360.8	349.0	341.0	329.9	321.3	310.8	311.8	271.5	310.2	216.1
13750	77	463.4	291.4	462.2	232.5	461.6	174.2	-	-	-	-	-	-	441.6	286.2	441.2	226.2	439.6	165.8	-	-	-	-	-	-
	72	431.0	354.4	429.4	295.0	428.5	236.3	426.5	173.3	-	-	-	-	410.2	345.3	409.6	285.3	408.2	225.1	406.2	165.0	-	-	-	-
	67	408.5	395.1	397.9	354.1	396.5	295.4	395.0	236.9	392.9	174.8	-	-	392.3	379.5	378.7	348.1	377.4	288.4	376.1	225.6	373.8	166.3	-	-
	62	408.3	395.0	387.4	374.8	367.6	352.1	364.7	296.4	362.9	235.2	360.5	174.4	392.3	379.5	371.8	359.6	351.4	339.9	346.9	288.6	344.9	226.9	342.6	169.0
	57	408.2	394.9	387.3	374.7	366.6	354.6	345.7	334.4	334.1	294.1	332.1	234.5	392.1	379.4	371.7	359.6	351.2	339.8	330.9	320.1	317.2	285.4	315.3	225.7

Table 23: KD28 cooling performance, 95°F to 105°F

Air on evap. coil		Temperature of air on condenser coil																							
		Return dry bulb temperature (°F)												Return dry bulb temperature (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		95°F												105°F											
6875	77	374.3	199.2	373.5	166.2	372.3	133.3	-	-	-	-	-	-	355.3	192.5	354.2	161.0	353.1	126.4	-	-	-	-	-	-
	72	345.0	230.3	344.2	199.8	343.1	165.9	341.8	135.6	-	-	-	-	327.2	224.7	326.3	192.5	325.3	160.5	324.0	128.5	-	-	-	-
	67	317.2	263.9	316.3	232.5	315.5	198.4	314.2	167.2	312.8	136.2	-	-	300.6	255.9	299.8	223.3	299.0	190.9	297.8	161.3	296.5	129.1	-	-
	62	296.9	287.2	289.9	263.6	289.3	232.3	288.1	200.6	286.8	166.4	285.2	135.2	284.3	275.0	274.6	255.0	273.5	222.3	272.9	192.7	271.6	160.3	270.1	128.0
	57	296.8	287.1	281.7	272.5	266.5	257.8	263.3	229.3	262.1	197.8	260.7	166.5	284.1	274.8	269.4	260.6	254.9	246.5	249.2	221.8	248.1	189.6	246.8	157.6
8250	77	388.4	214.2	387.4	176.1	386.1	138.2	-	-	-	-	-	-	367.6	209.8	366.4	170.1	365.4	134.3	-	-	-	-	-	-
	72	359.1	253.6	358.4	218.5	357.0	179.6	355.6	141.0	-	-	-	-	339.8	246.5	338.9	209.8	338.0	170.0	336.4	133.4	-	-	-	-
	67	330.4	294.1	329.3	254.8	328.4	216.0	327.3	180.4	325.6	141.7	-	-	312.3	284.0	311.4	247.0	310.5	210.2	309.5	170.6	307.9	134.0	-	-
	62	318.5	308.1	303.6	290.8	301.5	253.8	300.5	218.0	299.2	179.4	297.4	141.0	304.6	294.6	288.5	279.1	285.3	245.6	284.0	208.8	282.7	172.3	280.9	133.2
	57	318.4	308.0	302.2	292.3	285.9	276.6	275.0	252.7	274.1	214.8	272.4	179.2	304.5	294.5	288.4	279.0	272.5	263.6	259.6	243.6	258.8	207.8	257.3	169.3
9625	77	399.2	231.7	398.3	188.8	396.8	145.9	-	-	-	-	-	-	377.0	222.5	376.5	182.1	375.1	137.9	-	-	-	-	-	-
	72	368.8	278.3	368.0	235.0	367.1	188.2	365.4	144.9	-	-	-	-	348.0	269.3	347.6	225.3	346.7	181.1	345.1	140.2	-	-	-	-
	67	340.7	319.7	339.9	276.2	338.7	232.6	337.4	189.3	335.5	146.1	-	-	322.4	308.8	320.8	270.0	319.7	225.8	318.5	181.8	316.7	137.9	-	-
	62	336.5	325.5	319.0	308.5	310.8	276.6	309.6	233.6	308.3	190.9	306.5	148.2	320.9	310.5	304.0	294.1	293.1	266.5	292.0	226.0	290.8	182.9	288.9	139.8
	57	336.3	325.3	318.7	308.3	301.4	291.5	284.7	272.6	282.5	232.3	281.1	190.4	320.9	310.4	304.0	294.1	287.0	277.6	270.1	261.3	266.4	224.2	264.8	179.3
11000	77	407.5	248.3	406.9	196.8	405.0	148.9	-	-	-	-	-	-	384.3	237.9	383.7	189.3	382.2	140.5	-	-	-	-	-	-
	72	376.9	298.9	376.4	247.6	375.4	199.7	373.6	151.8	-	-	-	-	355.8	289.1	355.0	240.4	354.2	191.9	352.2	143.1	-	-	-	-
	67	351.3	339.9	347.5	299.2	346.4	248.0	344.8	200.1	342.8	152.5	-	-	335.1	324.2	327.5	288.3	326.2	239.8	325.1	191.9	323.2	143.8	-	-
	62	351.3	339.8	332.8	321.9	318.5	295.8	317.1	248.5	315.7	201.5	313.4	151.6	334.8	323.9	316.9	306.5	300.4	287.7	298.8	239.9	297.3	192.7	295.5	142.9
	57	351.2	339.7	332.9	322.1	314.4	304.1	296.2	286.5	289.4	246.3	287.9	200.5	334.7	323.8	316.8	306.4	298.9	289.2	281.1	272.0	272.1	239.5	270.8	191.2
12375	77	414.0	264.3	413.3	207.9	411.6	155.3	-	-	-	-	-	-	390.3	253.0	389.7	199.8	388.1	146.4	-	-	-	-	-	-
	72	383.4	319.0	382.8	262.9	381.5	210.4	379.5	154.2	-	-	-	-	361.3	307.6	360.3	254.5	359.4	201.6	357.6	148.7	-	-	-	-
	67	364.0	352.2	353.5	318.0	351.9	265.6	350.7	210.4	348.7	155.2	-	-	346.5	335.2	332.6	308.9	331.5	253.4	330.1	201.2	328.2	146.0	-	-
	62	364.0	352.1	344.8	333.5	325.6	315.0	323.6	262.9	321.6	208.4	319.3	154.4	346.3	335.0	327.7	317.1	309.2	299.1	304.2	253.1	302.7	202.1	300.3	148.1
	57	363.9	352.0	344.7	333.5	325.4	314.8	306.3	296.3	295.0	262.5	293.1	209.8	346.3	335.0	327.7	317.0	309.1	299.0	290.5	281.0	277.0	251.9	275.3	199.7
13750	77	418.8	275.5	418.2	218.5	416.8	157.2	-	-	-	-	-	-	394.3	267.0	393.8	209.5	392.6	148.1	-	-	-	-	-	-
	72	388.7	338.4	388.0	277.8	386.8	217.0	384.7	160.0	-	-	-	-	365.6	328.9	365.1	268.4	364.2	207.8	362.2	150.7	-	-	-	-
	67	375.0	362.7	358.5	336.4	357.6	276.7	355.8	220.3	353.8	160.9	-	-	356.6	345.0	338.0	323.7	336.0	269.8	334.9	210.6	332.9	151.4	-	-
	62	375.0	362.7	355.0	343.4	334.9	324.0	327.9	279.1	326.0	217.6	323.7	159.7	356.5	344.9	336.9	325.9	317.8	307.4	308.5	268.6	306.4	210.4	304.0	150.0
	57	374.9	362.7	354.8	343.3	335.1	324.1	315.0	304.8	299.4	275.2	297.7	218.9	356.5	344.8	337.1	326.1	317.7	307.4	298.6	288.8	281.9	267.2	279.4	208.1

Table 24: KD28 cooling performance, 115°F to 125°F

Air on evap. coil		Temperature of air on condenser coil																							
		Return dry bulb temperature (°F)												Return dry bulb temperature (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		115°F												125°F											
6875	77	334.5	184.4	333.7	151.7	332.6	119.1	-	-	-	-	-	-	312.7	175.4	312.0	144.9	310.9	114.3	-	-	-	-	-	-
	72	307.9	214.5	307.2	184.3	306.3	151.1	305.1	121.0	-	-	-	-	287.9	206.1	287.3	175.1	286.2	144.0	285.1	113.1	-	-	-	-
	67	282.9	246.3	282.3	215.8	281.2	185.0	280.5	151.9	279.1	121.5	-	-	264.0	237.5	263.6	206.6	263.1	175.6	262.1	144.5	260.8	113.5	-	-
	62	270.8	262.0	258.7	245.3	258.0	214.6	256.9	183.9	255.7	153.4	254.1	120.4	256.3	248.0	242.8	234.9	241.0	205.1	240.0	174.2	238.8	143.2	237.4	112.5
	57	270.7	261.9	256.5	248.1	242.3	234.4	234.1	212.9	233.4	182.9	232.1	150.4	256.3	248.0	242.5	234.6	228.8	221.4	218.5	205.0	217.8	172.8	216.6	142.5
8250	77	345.3	200.4	344.6	163.3	343.5	126.3	-	-	-	-	-	-	321.9	189.9	321.4	155.5	320.2	117.7	-	-	-	-	-	-
	72	319.4	237.9	318.6	200.3	317.6	162.8	316.1	125.4	-	-	-	-	297.5	230.2	297.0	192.5	296.2	154.7	294.9	119.8	-	-	-	-
	67	293.2	275.2	292.8	237.9	291.6	200.3	290.6	163.0	289.1	125.9	-	-	274.0	262.4	272.8	229.6	271.9	192.0	271.0	154.6	269.4	117.3	-	-
	62	289.3	279.9	274.0	265.1	267.4	237.9	266.5	201.1	265.3	164.3	263.7	125.0	273.2	264.3	258.5	250.1	248.7	228.6	248.1	192.0	247.0	155.3	245.4	118.7
	57	289.3	279.8	273.8	264.8	258.6	250.2	244.1	233.7	242.8	199.6	241.5	161.2	273.2	264.3	258.4	250.0	243.6	235.7	229.0	221.5	226.0	190.2	224.4	151.9
9625	77	353.7	215.6	353.2	174.2	351.9	129.3	-	-	-	-	-	-	329.1	206.9	328.8	165.4	327.7	123.6	-	-	-	-	-	-
	72	326.7	259.1	326.1	217.7	325.2	173.0	323.7	131.5	-	-	-	-	303.8	249.8	303.3	208.3	302.5	163.9	301.3	122.4	-	-	-	-
	67	304.6	294.7	300.5	258.7	299.8	217.5	298.7	173.4	296.9	132.1	-	-	286.8	277.5	279.4	248.7	278.8	207.6	278.0	164.0	276.2	122.9	-	-
	62	304.6	294.6	288.2	278.8	274.7	257.8	273.6	214.4	272.2	173.8	270.5	130.8	286.8	277.4	271.1	262.3	256.1	245.3	254.5	206.8	253.1	164.1	251.3	121.6
	57	304.5	294.5	287.7	278.3	271.7	262.8	255.4	247.1	249.2	214.5	247.9	172.7	286.7	277.4	271.1	262.3	255.5	247.1	239.9	232.1	231.3	203.6	230.1	162.5
11000	77	360.1	229.9	359.6	180.9	358.4	135.2	-	-	-	-	-	-	334.3	219.9	334.4	174.7	333.2	125.7	-	-	-	-	-	-
	72	332.9	280.2	332.6	231.7	331.7	182.9	330.2	134.2	-	-	-	-	308.8	268.9	308.8	221.1	308.3	173.0	306.8	127.6	-	-	-	-
	67	317.1	306.8	306.2	278.4	305.3	230.3	304.2	182.5	302.4	134.6	-	-	298.2	288.5	284.3	266.8	283.7	222.3	282.2	174.7	280.9	127.7	-	-
	62	317.1	306.7	299.8	290.0	282.6	273.4	279.6	229.9	278.1	183.0	276.1	136.2	298.1	288.3	281.5	272.3	265.3	256.6	259.1	220.6	258.1	172.3	256.2	126.4
	57	316.9	306.6	299.6	289.9	282.6	273.3	265.5	256.8	254.4	228.8	252.9	181.0	298.0	288.3	281.6	272.4	265.2	256.6	248.8	240.7	235.6	218.8	234.2	172.2
12375	77	365.0	243.7	364.9	190.6	363.5	137.1	-	-	-	-	-	-	338.6	235.8	338.5	183.4	337.3	130.5	-	-	-	-	-	-
	72	337.6	297.2	336.9	244.5	336.2	191.9	334.6	139.2	-	-	-	-	312.2	286.9	312.6	235.9	311.8	181.0	310.5	129.2	-	-	-	-
	67	327.6	316.9	311.3	295.1	310.2	246.0	308.8	191.2	306.8	139.5	-	-	307.5	297.5	290.5	281.0	287.4	233.6	286.4	182.9	284.6	129.4	-	-
	62	327.6	316.9	309.7	299.6	291.8	282.3	284.1	244.6	282.7	191.5	280.4	138.3	307.7	297.7	290.4	280.9	273.2	264.3	263.1	234.2	262.0	182.5	259.9	130.7
	57	327.5	316.8	309.6	299.5	291.6	282.1	273.9	264.9	258.6	242.6	256.9	188.9	307.6	297.5	290.4	280.9	273.3	264.4	256.4	248.0	239.6	229.4	237.7	179.4
13750	77	368.3	256.6	368.4	199.6	367.7	142.3	-	-	-	-	-	-	341.4	247.7	341.4	191.5	340.8	131.9	-	-	-	-	-	-
	72	341.2	316.9	341.2	257.5	340.4	200.9	338.6	140.9	-	-	-	-	316.1	302.7	315.9	247.6	315.7	192.4	314.2	133.8	-	-	-	-
	67	336.9	325.9	318.2	307.8	313.7	258.0	312.8	199.7	310.9	141.3	-	-	315.4	305.1	298.0	288.2	290.6	247.4	289.8	190.7	288.3	133.9	-	-
	62	336.7	325.7	318.1	307.8	299.5	289.7	287.7	258.9	285.8	199.1	283.6	142.7	315.5	305.2	298.0	288.2	280.3	271.2	265.8	246.8	264.3	189.2	262.4	132.0
	57	336.4	325.4	318.1	307.7	299.4	289.7	281.1	271.9	262.7	254.1	260.4	199.0	315.4	305.1	297.9	288.2	280.2	271.1	262.7	254.1	245.1	237.1	240.6	188.6

KD15 hot gas reheat capacity performance

Table 25: KD15 HGRH capacity performance, 35°F to 45°F

Air on evap. coil		Temperature Of Air On Condenser Coil																					
		Return Dry Bulb Temp (°F)												Return Dry Bulb Temp (°F)									
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		35 (°F)												45 (°F)									
3750	77	108.3	57.9	108.0	49.2	107.7	39.5	-	-	-	-	-	-	104.0	55.6	103.4	47.1	102.9	37.7	-	-	-	-	-	-
	72	100.3	67.5	99.8	58.3	99.3	49.1	98.8	40.1	-	-	-	-	95.9	64.6	95.5	55.8	95.1	47.1	94.5	38.3	-	-	-	-
	67	93.2	76.6	92.7	67.9	92.2	58.4	91.8	49.1	91.5	40.7	-	-	88.6	73.7	88.0	64.5	87.2	55.3	87.2	47.5	86.8	38.7	-	-
	62	85.6	83.9	85.7	76.3	85.2	67.5	84.8	58.8	84.3	49.2	83.8	40.7	81.3	79.7	81.1	73.1	81.0	64.2	80.4	55.7	79.9	47.5	79.4	38.5
	57	84.8	83.9	80.9	80.1	78.7	76.4	78.5	67.6	77.8	58.6	77.3	49.7	80.7	79.9	76.8	76.1	74.0	71.8	73.9	63.7	73.3	55.2	72.9	46.9
4500	77	115.6	64.1	114.1	53.1	114.0	41.8	-	-	-	-	-	-	110.6	61.3	109.9	51.1	109.3	40.0	-	-	-	-	-	-
	72	106.8	75.1	106.6	64.4	104.8	52.9	105.2	42.7	-	-	-	-	102.3	72.9	102.1	61.6	101.4	51.2	100.5	40.8	-	-	-	-
	67	99.5	86.7	96.7	73.7	97.7	64.8	97.9	54.3	96.9	43.2	-	-	94.3	82.1	94.2	72.7	93.4	61.9	92.2	51.1	91.6	40.8	-	-
	62	92.9	92.0	91.6	86.2	91.5	76.1	90.8	64.7	90.1	54.4	89.5	43.4	88.9	88.0	87.0	82.7	86.8	72.2	86.0	62.2	85.3	51.5	84.1	40.8
	57	93.8	92.9	89.0	88.1	84.7	83.9	84.1	75.8	83.3	64.3	82.9	54.2	88.9	88.0	84.4	83.6	80.2	79.4	79.1	71.3	78.7	61.6	77.7	50.8
5250	77	121.6	71.0	120.4	57.2	119.6	45.0	-	-	-	-	-	-	114.9	67.1	114.9	54.6	114.0	42.9	-	-	-	-	-	-
	72	112.4	83.5	111.8	70.8	111.0	57.2	110.1	44.7	-	-	-	-	107.7	80.0	107.4	68.0	106.3	55.8	105.3	42.8	-	-	-	-
	67	104.8	96.5	104.3	83.6	103.5	70.7	102.4	57.8	101.9	45.4	-	-	99.6	91.7	98.8	80.2	98.4	67.3	97.6	55.1	96.3	42.9	-	-
	62	100.9	99.9	96.7	94.8	95.1	82.9	95.5	70.9	94.7	58.1	94.0	45.6	96.2	95.3	91.6	90.7	91.0	79.3	90.5	67.2	89.7	55.0	88.8	43.1
	57	101.1	100.1	96.1	95.1	90.8	89.9	89.0	83.7	88.0	70.5	87.1	58.6	96.0	95.0	91.3	90.3	86.1	85.3	83.4	79.3	82.8	67.2	81.8	55.1
6000	77	126.4	76.4	125.2	60.8	124.3	46.8	-	-	-	-	-	-	120.3	72.7	119.3	59.0	118.1	44.4	-	-	-	-	-	-
	72	117.2	90.5	116.4	76.1	115.5	61.7	114.2	46.4	-	-	-	-	112.3	87.8	111.4	73.9	110.2	58.9	109.1	44.3	-	-	-	-
	67	109.4	105.1	108.5	91.3	107.9	77.0	107.0	62.5	105.9	47.2	-	-	103.6	100.5	101.9	85.7	101.5	72.4	100.6	58.8	100.3	44.7	-	-
	62	106.6	105.6	101.7	100.7	100.2	91.3	99.4	76.8	98.6	62.5	97.6	47.4	102.3	101.3	97.1	96.1	95.1	86.7	94.1	72.7	93.2	59.1	93.0	46.0
	57	107.9	106.8	102.1	101.0	97.1	96.1	93.0	91.1	91.8	76.4	90.9	62.1	102.2	101.1	96.9	96.0	91.7	90.8	86.8	85.1	86.3	72.6	85.3	58.3
6750	77	130.6	81.5	129.4	65.4	128.2	48.2	-	-	-	-	-	-	124.2	78.7	122.8	62.0	121.5	45.7	-	-	-	-	-	-
	72	121.4	98.5	120.4	82.3	119.3	65.0	117.9	49.0	-	-	-	-	115.5	94.9	115.1	78.6	113.7	61.9	112.4	46.8	-	-	-	-
	67	113.1	112.0	112.1	98.8	111.4	82.7	110.5	65.6	109.3	49.8	-	-	107.3	106.3	106.3	93.7	104.7	77.7	104.7	62.2	103.5	47.1	-	-
	62	111.4	110.3	106.9	105.8	103.9	98.8	102.7	82.4	101.6	65.4	100.6	49.8	108.3	107.2	101.7	100.7	97.9	94.0	97.5	78.2	96.3	62.9	94.8	46.9
	57	114.4	113.3	107.3	106.2	101.9	100.9	97.0	96.0	95.0	81.8	93.7	65.9	107.8	106.7	102.1	101.1	96.6	95.6	91.0	90.1	89.0	77.6	88.5	62.2
7500	77	134.4	87.8	132.9	68.4	131.5	50.8	-	-	-	-	-	-	127.4	83.2	125.9	66.1	123.8	47.8	-	-	-	-	-	-
	72	124.5	106.0	123.8	87.0	122.5	69.1	121.1	50.4	-	-	-	-	118.7	101.0	118.2	84.3	116.6	65.8	115.1	47.8	-	-	-	-
	67	118.6	117.4	115.9	105.6	115.0	87.6	113.7	69.8	112.3	51.1	-	-	112.6	111.5	109.3	100.6	108.2	83.6	107.6	66.0	106.1	48.3	-	-
	62	117.8	116.6	112.0	110.9	107.0	103.8	105.8	87.0	104.8	69.5	103.3	51.1	113.2	112.1	107.0	106.0	101.0	100.0	100.0	83.2	98.5	65.3	97.4	48.2
	57	119.3	118.1	112.6	111.4	106.8	105.8	101.2	100.2	97.7	87.1	96.8	70.0	112.8	111.7	106.8	105.7	100.6	99.6	94.6	93.7	91.9	82.8	90.6	65.5

Table 26: KD15 HGRH capacity performance, 55°F to 65°F

Air on evap. coil		Temperature Of Air On Condenser Coil																					
		Return Dry Bulb Temp (°F)												Return Dry Bulb Temp (°F)									
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		55 (°F)												65 (°F)									
3750	77	99.0	52.9	98.8	45.0	98.5	36.1	-	-	-	-	-	-	93.8	51.1	93.4	42.6	92.4	33.8	-	-	-	-	-	-
	72	91.0	61.3	90.5	52.9	92.2	45.6	90.2	36.6	-	-	-	-	85.2	58.2	85.7	50.9	85.2	42.2	84.4	34.3	-	-	-	-
	67	83.9	69.8	83.7	61.3	82.5	53.1	83.1	45.3	82.2	36.6	-	-	79.7	67.1	78.0	57.9	78.4	50.4	77.0	41.9	76.8	34.2	-	-
	62	77.2	76.4	76.5	69.0	76.8	61.6	75.8	52.5	75.0	44.5	74.3	36.0	72.4	71.7	72.2	65.8	71.0	57.6	71.2	50.1	70.3	41.7	69.8	33.9
	57	77.0	76.3	72.7	72.0	69.9	68.5	69.4	60.5	68.9	51.9	68.3	43.9	72.7	72.0	69.1	68.4	65.7	65.1	65.2	56.8	64.6	49.2	63.9	41.1
4500	77	105.2	59.4	104.9	48.8	104.5	38.3	-	-	-	-	-	-	99.9	56.4	98.9	46.0	98.2	36.0	-	-	-	-	-	-
	72	97.6	69.6	96.4	59.2	96.7	48.8	95.9	38.9	-	-	-	-	92.4	66.8	91.5	56.2	90.6	46.7	89.3	36.3	-	-	-	-
	67	88.0	78.4	89.5	69.1	88.7	58.8	89.0	49.3	88.2	39.3	-	-	84.0	74.8	84.3	66.0	82.9	55.8	82.8	45.9	81.4	36.3	-	-
	62	84.6	83.7	81.9	78.6	81.5	68.6	81.4	58.8	80.6	48.7	79.4	38.5	80.5	79.7	77.2	74.1	76.7	65.3	75.8	54.8	74.9	45.2	74.8	36.3
	57	85.0	84.1	80.1	79.3	74.9	74.2	74.2	67.6	73.8	57.7	72.9	47.6	80.5	79.7	76.1	75.3	71.6	70.9	69.8	64.3	68.6	54.3	68.1	45.2
5250	77	110.1	64.3	109.9	52.2	109.2	41.1	-	-	-	-	-	-	104.5	62.1	103.4	50.2	102.1	38.4	-	-	-	-	-	-
	72	102.4	77.1	101.1	64.1	101.2	53.1	100.2	40.7	-	-	-	-	97.4	74.2	95.7	61.6	93.9	49.2	93.5	38.0	-	-	-	-
	67	94.5	88.0	94.1	76.4	93.5	64.8	93.3	52.7	92.0	41.0	-	-	89.2	83.9	88.5	72.7	87.5	60.7	86.5	49.7	85.6	38.1	-	-
	62	91.5	90.6	86.5	85.7	85.6	75.4	84.9	63.9	83.5	52.1	83.0	40.3	87.0	86.1	82.0	81.2	80.5	71.7	79.8	60.0	78.9	49.2	77.7	37.7
	57	90.1	89.2	86.4	85.5	81.7	80.9	78.0	74.2	77.4	62.8	76.6	51.5	86.9	86.1	82.0	81.2	77.1	76.3	73.2	70.3	72.4	59.5	71.5	48.1
6000	77	113.6	69.8	114.2	56.5	113.1	42.6	-	-	-	-	-	-	108.2	66.4	107.2	53.1	105.5	39.7	-	-	-	-	-	-
	72	106.5	84.3	104.9	69.6	105.1	56.2	103.6	43.1	-	-	-	-	99.8	79.0	99.3	66.9	97.6	53.1	96.4	40.1	-	-	-	-
	67	98.6	96.6	97.6	83.1	97.5	70.4	97.1	56.7	95.9	42.7	-	-	92.9	92.0	91.9	79.2	90.9	65.7	89.7	52.4	88.1	39.3	-	-
	62	97.1	96.1	91.8	90.9	89.5	82.4	88.2	69.0	87.1	55.2	85.9	42.5	92.4	91.4	86.5	85.6	83.6	77.9	82.7	64.7	81.5	52.4	80.3	39.7
	57	97.9	96.9	91.9	91.0	85.7	84.9	81.2	80.4	80.3	68.3	79.3	55.0	91.6	90.7	87.0	86.2	81.9	81.1	76.5	75.8	74.9	63.8	74.0	51.3
6750	77	118.2	74.9	117.3	59.3	116.2	43.7	-	-	-	-	-	-	111.4	71.7	110.2	56.7	108.5	41.9	-	-	-	-	-	-
	72	109.0	89.6	106.2	73.6	108.3	60.1	106.8	44.4	-	-	-	-	103.5	86.0	102.4	71.0	100.9	56.0	99.1	41.2	-	-	-	-
	67	102.5	101.5	101.3	90.3	100.5	74.6	100.1	60.4	98.5	44.9	-	-	97.7	96.7	94.7	85.3	93.5	70.4	92.2	55.7	89.9	40.9	-	-
	62	102.4	101.4	96.8	95.8	92.6	88.9	91.0	73.9	89.6	58.6	88.4	43.8	97.3	96.4	91.8	90.9	86.7	84.1	85.2	70.0	84.1	54.9	82.6	40.9
	57	103.0	101.9	96.6	95.6	90.8	89.9	85.3	84.5	82.9	73.0	81.7	58.2	97.3	96.4	91.6	90.7	86.3	85.4	80.2	79.4	77.0	67.9	76.2	54.3
7500	77	121.2	80.4	120.0	63.0	119.2	46.0	-	-	-	-	-	-	114.2	75.8	112.9	59.2	110.9	42.8	-	-	-	-	-	-
	72	113.0	97.3	110.0	78.4	111.1	62.7	109.5	45.5	-	-	-	-	106.5	92.8	104.8	75.7	103.2	59.3	101.0	42.0	-	-	-	-
	67	106.8	105.7	104.0	96.8	103.2	79.7	103.0	63.3	101.4	46.2	-	-	102.0	100.9	97.3	91.6	96.1	75.2	94.3	58.8	92.8	42.3	-	-
	62	106.8	105.8	101.1	100.1	94.8	93.8	93.4	78.6	92.0	62.0	90.5	44.8	101.7	100.7	95.7	94.7	89.6	88.7	87.5	73.7	85.8	57.8	83.7	42.2
	57	107.9	106.8	100.9	99.9	94.7	93.8	88.7	87.8	84.2	76.7	83.6	60.5	101.7	100.7	95.5	94.5	89.4	88.6	83.5	82.7	79.2	72.9	77.8	57.0

Table 27: KD15 HGRH capacity performance, 75°F to 85°F

Air on evap. coil		Temperature Of Air On Condenser Coil																							
		Return Dry Bulb Temp (°F)												Return Dry Bulb Temp (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		75 (°F)												85 (°F)											
3750	77	88.3	48.1	87.6	39.9	87.5	32.1	-	-	-	-	-	-	82.8	45.1	81.3	37.0	81.5	29.9	-	-	-	-	-	-
	72	81.3	55.6	80.3	47.7	79.2	39.2	79.6	32.3	-	-	-	-	75.9	52.6	75.1	44.6	74.7	37.7	74.2	30.1	-	-	-	-
	67	74.6	63.5	74.1	55.0	73.5	47.3	72.9	39.7	71.7	31.9	-	-	69.3	59.1	68.9	51.9	68.4	44.7	66.9	36.4	67.1	29.9	-	-
	62	69.0	68.3	67.6	62.3	67.2	54.5	66.6	46.8	66.0	39.2	65.4	31.7	65.3	64.7	63.0	58.6	62.4	51.3	61.7	43.4	61.1	36.3	60.4	29.3
	57	68.7	68.0	65.1	64.4	61.2	60.6	60.4	53.2	60.0	45.8	59.3	38.2	64.7	64.1	60.9	60.3	57.0	56.4	55.9	49.8	55.2	42.6	54.5	35.6
4500	77	93.0	53.4	93.1	44.2	92.6	33.9	-	-	-	-	-	-	87.7	50.3	86.8	41.2	86.3	32.5	-	-	-	-	-	-
	72	86.6	62.6	85.8	53.5	84.9	43.7	84.3	34.2	-	-	-	-	80.7	59.1	79.6	49.6	79.3	40.8	78.4	31.8	-	-	-	-
	67	79.7	71.8	79.6	62.3	77.9	52.4	77.5	43.7	76.2	33.9	-	-	74.0	67.4	73.1	57.9	72.5	49.5	71.8	40.5	71.2	31.7	-	-
	62	76.1	75.3	72.2	70.1	71.5	60.9	71.0	52.0	70.2	43.1	69.8	33.9	71.4	70.7	67.1	66.4	67.0	57.7	65.6	48.7	64.8	39.8	64.0	31.0
	57	76.0	75.3	71.6	70.9	67.3	66.6	64.7	59.6	63.6	50.4	63.2	41.9	71.2	70.5	67.1	66.4	62.6	62.0	59.6	55.4	58.9	47.2	58.1	38.5
5250	77	98.3	58.4	97.3	47.2	96.5	36.3	-	-	-	-	-	-	91.6	55.3	90.5	43.9	89.7	33.7	-	-	-	-	-	-
	72	90.6	69.1	89.5	57.6	88.8	46.6	87.9	35.7	-	-	-	-	84.3	65.1	83.5	54.6	81.7	43.7	81.5	33.1	-	-	-	-
	67	83.7	79.5	82.6	68.7	82.0	57.6	80.9	46.5	80.0	35.6	-	-	77.8	74.7	76.8	64.7	75.9	54.1	74.9	43.0	73.9	32.9	-	-
	62	81.7	80.9	77.2	76.5	75.1	67.7	74.4	56.7	73.4	45.8	72.5	35.2	76.8	76.0	72.1	71.4	69.4	63.2	68.5	52.9	67.7	42.9	66.2	32.1
	57	81.9	81.1	77.3	76.5	73.0	72.3	67.8	65.8	67.2	55.9	66.0	45.1	76.3	75.5	71.1	70.4	67.0	66.3	61.4	60.1	61.4	51.1	60.6	41.4
6000	77	101.5	63.3	100.4	50.7	99.6	37.5	-	-	-	-	-	-	94.5	58.9	93.4	47.2	92.2	34.7	-	-	-	-	-	-
	72	93.8	75.3	93.0	62.6	91.9	50.0	90.7	37.7	-	-	-	-	87.3	70.9	86.4	59.0	85.2	46.4	84.2	35.0	-	-	-	-
	67	87.4	86.5	85.9	74.8	84.2	61.7	83.7	49.7	82.5	37.6	-	-	81.6	80.8	79.6	70.1	78.3	58.1	77.2	45.9	76.0	34.6	-	-
	62	87.2	86.3	82.0	81.2	77.9	73.3	76.9	60.9	75.9	48.8	74.3	36.8	81.6	80.8	76.3	75.6	71.9	68.4	70.6	56.6	69.5	44.7	68.4	33.9
	57	87.3	86.4	82.1	81.2	76.6	75.8	71.4	70.6	69.4	59.7	68.3	48.0	81.4	80.6	76.4	75.6	71.0	70.3	66.7	66.0	63.6	55.4	62.3	43.8
6750	77	103.8	67.8	102.9	53.0	102.1	39.4	-	-	-	-	-	-	97.0	63.4	95.9	50.3	94.4	36.4	-	-	-	-	-	-
	72	96.9	81.5	95.6	67.2	94.3	53.2	92.9	38.6	-	-	-	-	88.9	75.7	89.3	62.8	87.4	49.3	85.7	35.7	-	-	-	-
	67	91.6	90.7	88.5	80.6	87.4	66.6	85.9	51.9	84.4	38.5	-	-	85.4	84.6	81.6	75.1	80.2	61.9	79.1	48.6	77.6	35.3	-	-
	62	91.6	90.7	85.8	84.9	80.5	78.9	78.9	64.9	77.9	51.7	76.4	37.8	85.7	84.9	80.1	79.3	74.4	73.6	72.7	60.5	71.4	47.4	69.9	34.6
	57	91.2	90.3	86.0	85.1	80.4	79.6	74.8	74.1	70.5	62.8	70.1	50.0	85.6	84.8	80.1	79.3	74.6	73.8	69.0	68.4	65.1	58.6	63.1	45.6
7500	77	106.7	71.8	105.3	56.3	104.3	40.3	-	-	-	-	-	-	99.0	67.6	97.8	52.3	96.1	37.1	-	-	-	-	-	-
	72	99.2	87.4	97.9	71.7	96.4	55.4	94.7	40.3	-	-	-	-	91.8	81.8	90.5	66.3	88.9	51.9	87.3	37.2	-	-	-	-
	67	95.6	94.7	90.7	86.2	89.1	70.5	87.9	54.8	86.1	39.2	-	-	89.4	88.5	83.6	80.3	82.1	65.8	80.7	51.1	79.0	36.8	-	-
	62	95.7	94.8	89.3	88.4	83.4	82.6	81.0	69.0	79.4	54.3	77.9	39.3	89.2	88.3	82.7	81.9	77.3	76.6	74.1	63.9	72.4	49.5	71.0	35.9
	57	95.4	94.4	89.6	88.7	83.5	82.7	77.7	76.9	72.9	67.2	71.2	52.2	89.2	88.3	83.1	82.3	77.4	76.6	71.4	70.7	66.6	62.0	64.8	48.1

BHC Residential & Light Commercial LLC

KD18 hot gas reheat capacity performance

Table 28: KD18 HGRH capacity performance, 35°F to 45°F

Air on evap. coil		Temperature Of Air On Condenser Coil																							
		Return Dry Bulb Temp (°F)												Return Dry Bulb Temp (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		35 (°F)												45 (°F)											
4375	77	121.6	62.5	121.6	53.3	120.8	43.7	-	-	-	-	-	-	115.5	59.4	114.4	50.1	112.6	39.7	-	-	-	-	-	-
	72	112.3	71.7	111.4	61.5	110.8	52.8	110.2	43.0	-	-	-	-	106.8	69.2	105.0	59.0	103.4	49.2	103.7	40.5	-	-	-	-
	67	103.9	81.1	103.5	72.0	102.5	62.5	101.6	52.2	101.3	43.4	-	-	98.2	77.6	97.3	67.7	96.1	58.6	95.5	49.1	94.3	40.4	-	-
	62	94.8	88.5	93.4	79.1	94.0	70.7	93.3	61.3	92.9	52.2	92.1	43.0	89.4	84.3	89.4	76.6	88.8	67.6	87.9	58.6	87.5	49.2	86.1	40.2
	57	93.7	89.3	88.5	84.3	86.5	79.1	86.2	70.6	85.0	60.7	84.5	52.3	89.3	85.1	83.5	79.5	82.3	76.1	80.7	66.9	79.8	57.8	77.8	48.2
5250	77	131.8	70.3	130.6	58.5	129.7	46.9	-	-	-	-	-	-	124.5	66.4	123.3	55.2	122.0	43.0	-	-	-	-	-	-
	72	120.9	80.6	120.7	69.0	119.5	58.1	118.6	46.3	-	-	-	-	112.8	76.3	114.0	66.2	112.0	54.4	111.5	43.6	-	-	-	-
	67	112.3	93.1	110.2	79.7	110.6	69.5	110.0	57.6	109.2	46.8	-	-	106.2	88.0	104.8	76.8	103.5	65.0	103.0	54.9	102.0	43.7	-	-
	62	103.5	98.6	102.4	90.7	101.9	80.5	101.2	68.5	100.2	57.3	99.5	46.4	100.4	95.7	96.5	87.3	96.3	77.1	95.4	65.4	94.1	54.7	92.3	43.1
	57	104.7	99.7	98.7	94.0	93.9	89.4	93.6	80.2	92.3	68.6	91.6	57.6	97.8	93.1	92.2	87.8	87.7	83.5	87.7	76.0	86.6	64.3	84.2	52.9
6125	77	138.8	76.7	137.8	63.0	136.6	49.4	-	-	-	-	-	-	131.7	72.7	130.5	59.7	127.6	46.2	-	-	-	-	-	-
	72	128.1	89.1	127.5	75.3	125.4	62.1	124.9	48.8	-	-	-	-	119.9	84.5	120.8	72.5	119.4	59.1	117.8	46.0	-	-	-	-
	67	117.5	101.9	117.5	89.5	117.4	76.0	116.4	63.2	114.8	49.2	-	-	112.5	98.6	110.4	85.2	109.6	72.0	109.2	59.3	107.2	45.9	-	-
	62	112.3	106.9	108.6	101.4	107.2	87.8	107.3	75.6	105.8	61.4	105.1	49.0	107.2	102.1	102.3	96.5	102.2	84.7	101.1	72.2	99.9	59.0	99.1	46.2
	57	113.8	108.4	106.8	101.7	101.8	96.9	99.7	88.3	98.2	74.8	97.4	62.2	106.6	101.6	101.1	96.3	95.0	90.5	92.8	83.9	92.2	71.1	90.8	57.9
7000	77	145.3	83.0	144.0	67.2	142.3	51.5	-	-	-	-	-	-	136.1	79.1	135.7	63.3	133.9	48.5	-	-	-	-	-	-
	72	133.8	98.1	133.0	82.3	131.8	66.5	129.9	52.0	-	-	-	-	126.0	93.6	126.4	79.5	123.8	63.7	123.0	48.0	-	-	-	-
	67	124.5	112.6	123.7	97.8	122.7	81.8	121.7	67.2	120.0	51.4	-	-	117.4	108.5	116.1	92.9	115.8	78.3	114.0	63.0	112.4	48.2	-	-
	62	120.5	114.7	114.5	109.0	113.6	97.3	113.3	82.0	111.5	66.9	110.2	52.5	114.3	108.8	108.3	103.1	106.7	92.5	105.8	77.6	104.6	62.7	102.9	48.0
	57	121.9	116.1	113.8	108.4	108.8	103.6	104.3	96.4	103.0	81.4	102.0	66.1	113.8	108.3	108.1	103.0	101.4	96.6	97.2	90.7	96.5	77.2	95.1	62.5
7875	77	150.7	89.0	149.2	71.1	147.1	53.2	-	-	-	-	-	-	141.3	84.8	140.5	68.2	138.5	50.1	-	-	-	-	-	-
	72	139.0	105.9	137.9	88.0	136.7	70.3	134.4	53.8	-	-	-	-	131.7	101.6	131.2	84.9	129.4	67.8	127.4	51.0	-	-	-	-
	67	129.1	120.5	128.6	105.3	127.6	87.5	126.2	70.9	124.3	54.5	-	-	121.6	114.7	120.8	101.2	117.9	83.1	118.4	67.6	116.1	50.9	-	-
	62	127.0	121.0	120.0	114.3	117.8	104.4	116.8	87.9	114.5	69.8	113.6	54.1	120.6	114.9	115.0	109.5	110.3	99.8	109.5	83.5	108.4	67.1	106.6	50.8
	57	128.9	122.7	121.6	115.8	114.5	109.1	109.3	103.0	107.2	86.7	106.0	70.6	120.9	115.1	114.7	109.2	107.9	102.7	100.6	95.8	100.2	83.0	98.7	66.8
8750	77	155.4	94.7	153.8	74.7	151.3	56.2	-	-	-	-	-	-	146.5	90.7	144.6	71.6	142.1	52.8	-	-	-	-	-	-
	72	143.8	113.7	142.2	93.4	140.7	75.1	138.4	55.4	-	-	-	-	136.8	109.4	134.1	90.7	133.2	71.0	131.0	52.4	-	-	-	-
	67	134.2	127.8	132.9	112.6	131.5	93.9	130.1	74.4	127.9	56.0	-	-	126.9	120.9	122.5	107.3	122.0	88.3	122.4	71.1	120.1	52.6	-	-
	62	133.7	127.3	125.4	119.4	121.8	111.3	120.6	93.0	119.1	74.8	116.9	55.7	127.6	121.5	120.3	114.6	112.4	104.9	113.1	89.4	112.0	70.4	109.9	52.3
	57	134.8	128.4	127.8	121.7	121.2	115.4	113.9	108.5	110.6	92.7	109.4	74.0	127.0	121.0	119.7	114.0	112.6	107.2	105.9	100.9	102.7	88.0	101.8	69.8

Table 29: KD18 HGRH capacity performance, 55°F to 65°F

Air on evap. coil		Temperature Of Air On Condenser Coil																					
		Return Dry Bulb Temp (°F)												Return Dry Bulb Temp (°F)									
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		55 (°F)												65 (°F)									
4375	77	110.0	56.6	108.9	47.7	108.0	38.1	-	-	-	-	-	-	102.3	52.6	101.3	44.4	100.1	35.3	-	-	-	-	-	-
	72	100.5	65.1	98.6	55.4	99.2	47.2	97.1	37.9	-	-	-	-	93.7	61.6	92.7	52.1	91.0	43.3	90.8	35.4	-	-	-	-
	67	92.3	73.9	90.1	63.5	89.9	54.8	90.8	47.6	89.7	38.5	-	-	86.5	69.2	85.4	60.2	84.4	52.3	83.4	43.7	82.3	35.3	-	-
	62	82.7	78.0	84.0	72.8	82.8	63.1	82.0	54.7	81.8	46.7	79.4	37.0	77.1	73.4	77.4	67.8	77.1	59.5	76.2	50.8	75.6	43.2	74.3	34.7
	57	83.6	79.6	79.9	76.1	75.4	70.4	74.1	61.4	74.3	53.8	74.5	46.1	78.2	74.5	73.4	69.9	70.1	66.1	70.1	58.8	69.0	50.0	68.0	42.1
5250	77	117.1	62.4	116.9	52.3	116.0	40.9	-	-	-	-	-	-	110.0	59.7	108.9	48.7	107.3	37.8	-	-	-	-	-	-
	72	108.6	73.4	106.8	62.0	106.4	51.7	105.4	41.2	-	-	-	-	101.5	69.6	100.3	59.2	98.9	48.1	97.5	38.1	-	-	-	-
	67	99.5	83.4	99.4	73.9	97.3	62.1	98.2	52.4	97.0	41.6	-	-	93.4	79.1	91.5	68.0	91.2	58.2	89.9	48.0	88.5	37.9	-	-
	62	92.5	88.1	90.4	82.6	89.9	71.9	88.3	61.4	86.7	50.4	86.2	40.2	87.1	83.0	84.5	78.1	83.4	67.5	82.7	57.5	81.4	47.3	79.9	37.3
	57	93.9	89.4	87.3	83.1	82.4	78.5	81.6	70.7	80.4	60.5	78.6	49.4	85.9	81.8	80.5	76.7	77.4	73.7	75.7	66.3	73.5	55.3	73.5	46.2
6125	77	124.0	69.7	123.3	56.4	122.4	44.3	-	-	-	-	-	-	114.9	64.6	114.7	52.5	113.0	40.9	-	-	-	-	-	-
	72	115.2	82.3	112.5	68.6	113.0	56.0	111.7	43.6	-	-	-	-	107.3	77.7	105.1	64.0	104.4	52.7	102.7	40.1	-	-	-	-
	67	105.2	93.1	105.7	81.6	104.4	68.6	102.6	55.7	102.6	44.0	-	-	99.0	88.6	97.1	75.8	96.1	64.1	95.1	51.6	93.2	39.9	-	-
	62	100.5	95.7	95.9	91.4	94.7	79.4	93.9	67.1	92.9	54.8	91.0	42.5	95.0	90.5	89.4	85.2	87.8	74.4	87.3	63.2	85.7	50.6	84.1	39.3
	57	101.5	96.7	94.9	90.4	88.9	84.7	86.2	78.8	84.1	65.6	83.9	54.3	94.8	90.3	88.8	84.5	83.7	79.7	80.5	73.6	79.4	62.0	77.8	50.4
7000	77	129.2	75.1	127.7	60.8	126.9	45.9	-	-	-	-	-	-	119.9	70.8	119.5	56.9	116.9	42.3	-	-	-	-	-	-
	72	121.0	89.9	117.9	74.1	117.7	60.6	116.0	45.3	-	-	-	-	111.2	83.7	110.7	70.6	108.2	55.7	106.8	42.7	-	-	-	-
	67	110.0	101.6	110.2	89.2	107.7	73.8	108.9	61.2	107.2	45.9	-	-	103.5	96.6	102.5	83.9	101.1	69.3	99.1	55.7	97.2	41.7	-	-
	62	106.9	101.8	101.7	96.9	98.4	86.2	98.6	73.3	96.5	58.8	95.0	45.2	100.3	95.5	94.8	90.3	92.5	81.9	92.0	68.3	89.4	54.5	87.8	41.8
	57	108.3	103.2	101.6	96.8	96.0	91.4	89.7	84.5	89.2	71.4	86.3	56.7	101.6	96.8	94.8	90.3	89.3	85.0	83.7	79.8	82.1	66.5	80.5	53.6
7875	77	134.1	80.5	133.3	64.7	132.1	47.8	-	-	-	-	-	-	125.1	76.2	123.4	59.9	121.1	43.8	-	-	-	-	-	-
	72	124.6	97.3	122.1	80.3	122.4	64.1	120.3	48.1	-	-	-	-	115.5	91.3	115.4	75.8	112.3	59.9	109.9	44.0	-	-	-	-
	67	114.2	108.8	113.7	96.3	112.5	79.3	111.8	63.9	111.0	48.6	-	-	107.9	102.8	105.6	89.5	104.2	74.4	102.7	58.7	100.5	44.0	-	-
	62	113.1	107.7	106.9	101.8	103.4	94.5	102.0	78.7	99.7	61.7	98.3	46.8	107.3	102.2	100.3	95.5	96.4	89.0	94.7	73.0	92.4	58.1	90.8	43.2
	57	114.1	108.7	107.4	102.3	101.0	96.2	94.4	89.9	92.4	76.5	90.3	61.1	105.7	100.7	100.8	96.0	94.2	89.7	89.2	85.0	85.4	71.6	83.1	56.2
8750	77	136.8	86.0	137.3	68.0	135.3	50.3	-	-	-	-	-	-	128.9	81.0	126.2	63.7	124.2	46.1	-	-	-	-	-	-
	72	126.6	102.5	125.8	85.1	126.0	68.4	123.8	49.5	-	-	-	-	118.4	97.0	116.7	80.0	115.6	62.7	113.1	45.2	-	-	-	-
	67	119.2	113.5	117.0	102.5	117.4	86.1	116.7	67.8	114.3	50.1	-	-	112.5	107.1	108.5	96.1	107.3	79.7	105.4	62.2	103.2	45.2	-	-
	62	119.4	113.8	112.3	107.0	106.3	100.3	104.9	83.0	103.1	65.8	100.6	47.9	112.7	107.3	105.4	100.3	98.5	93.8	97.4	77.9	95.3	60.8	92.7	44.1
	57	120.7	114.9	111.7	106.4	105.1	100.1	98.3	93.6	95.0	81.4	93.2	64.8	111.0	105.8	105.1	100.1	98.4	93.7	91.5	87.2	87.6	75.9	86.1	59.9

BHC Residential & Light Commercial LLC

Table 30: KD18 HGRH capacity performance, 75°F to 85°F

Air on evap. coil		Temperature Of Air On Condenser Coil																							
		Return Dry Bulb Temp (°F)												Return Dry Bulb Temp (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		75 (°F)												85 (°F)											
4375	77	93.6	49.0	93.7	41.0	93.1	32.8	-	-	-	-	-	-	86.8	45.5	86.0	37.7	85.2	30.0	-	-	-	-	-	-
	72	86.7	57.0	86.1	49.2	85.4	40.6	84.4	32.9	-	-	-	-	80.5	52.9	77.8	44.4	76.3	37.1	77.0	30.1	-	-	-	-
	67	80.3	65.0	79.0	56.4	78.1	48.3	76.9	40.3	75.8	32.5	-	-	73.5	60.2	71.9	52.0	72.3	44.7	70.7	37.0	70.5	30.2	-	-
	62	72.1	68.7	72.2	63.3	71.6	55.2	70.5	47.7	69.1	39.5	68.1	31.8	66.7	63.6	65.6	58.1	65.0	50.8	64.2	43.4	62.7	35.9	61.9	28.9
	57	73.3	69.8	68.5	65.3	64.9	61.2	64.5	54.0	62.8	46.1	62.3	38.6	67.0	63.8	62.4	59.4	58.7	55.9	58.7	49.8	56.6	41.5	56.4	34.9
5250	77	102.5	55.6	100.6	45.0	99.9	35.2	-	-	-	-	-	-	93.5	51.6	92.6	42.3	89.8	32.5	-	-	-	-	-	-
	72	93.9	65.3	92.9	54.8	91.5	45.3	90.4	35.3	-	-	-	-	86.2	60.0	85.2	51.1	83.9	41.5	82.7	32.3	-	-	-	-
	67	86.4	74.1	85.3	64.2	82.9	52.9	82.8	44.2	81.5	34.9	-	-	79.4	68.8	77.7	59.2	77.6	50.3	75.8	40.4	74.4	31.9	-	-
	62	81.2	77.3	78.1	72.1	77.4	62.7	75.9	52.7	73.7	42.8	73.1	34.1	74.9	71.4	71.1	66.4	70.6	57.8	69.2	48.7	67.9	39.5	66.1	30.9
	57	80.9	77.1	76.5	72.8	71.6	68.2	69.3	61.4	65.8	50.1	66.3	42.3	75.0	71.5	70.0	66.7	65.4	62.3	61.3	54.3	61.9	47.1	60.7	38.7
6125	77	107.8	61.6	106.0	49.5	105.1	38.0	-	-	-	-	-	-	97.1	55.5	97.2	45.4	95.2	34.5	-	-	-	-	-	-
	72	99.0	71.7	97.9	60.6	96.6	48.8	95.2	37.2	-	-	-	-	91.1	66.8	89.8	55.6	88.3	44.6	86.8	33.9	-	-	-	-
	67	91.8	83.1	90.5	71.6	89.0	59.3	85.8	47.4	86.0	36.9	-	-	83.7	76.5	82.7	65.3	80.9	54.7	80.6	44.5	78.3	33.6	-	-
	62	88.3	84.1	82.7	78.8	81.1	69.5	81.4	58.9	78.9	47.3	78.0	36.4	80.7	76.9	75.3	71.8	74.2	63.6	72.8	53.4	71.3	42.8	68.8	32.1
	57	88.1	83.9	82.8	78.9	77.1	73.4	73.3	67.8	72.3	57.2	70.9	45.9	79.9	76.1	74.4	70.9	70.5	67.1	65.9	61.5	65.4	51.7	63.5	41.7
7000	77	111.8	66.0	110.3	52.5	109.0	39.4	-	-	-	-	-	-	102.3	61.4	101.1	48.1	99.2	35.9	-	-	-	-	-	-
	72	102.4	78.0	101.7	64.9	100.5	51.7	98.8	39.5	-	-	-	-	95.0	73.3	93.3	60.4	90.9	47.6	92.1	36.8	-	-	-	-
	67	94.7	89.3	94.3	77.2	92.9	64.6	91.5	51.4	89.5	38.4	-	-	87.2	83.1	85.8	71.1	84.6	58.8	83.1	46.7	81.2	35.6	-	-
	62	96.1	91.6	88.4	84.2	84.9	76.0	83.6	62.9	81.4	49.6	80.2	38.2	86.8	82.7	80.7	76.9	78.4	70.2	76.6	58.3	74.6	46.2	71.8	34.2
	57	94.2	89.7	88.7	84.5	82.6	78.7	76.4	72.8	75.4	61.7	73.6	49.1	87.3	83.1	81.3	77.5	75.1	71.5	70.1	66.8	67.8	56.2	66.3	44.2
7875	77	115.5	71.5	113.1	56.0	112.7	40.8	-	-	-	-	-	-	105.6	65.4	103.9	51.5	102.1	37.9	-	-	-	-	-	-
	72	107.0	85.6	105.6	70.4	103.6	55.2	102.0	40.8	-	-	-	-	95.7	77.5	95.6	64.6	93.7	50.0	92.7	37.1	-	-	-	-
	67	99.7	95.0	98.5	84.5	94.7	68.6	93.6	54.4	92.3	40.5	-	-	91.5	87.1	88.6	76.8	87.0	63.0	85.3	49.5	83.6	36.6	-	-
	62	99.9	95.2	93.3	88.9	87.8	82.0	86.9	67.9	85.0	53.4	82.9	39.5	91.2	86.9	85.5	81.5	80.0	75.4	78.7	62.2	76.7	48.2	76.1	36.3
	57	99.9	95.1	93.4	89.0	87.0	82.9	81.9	78.0	77.5	65.7	76.0	52.1	91.8	87.5	85.6	81.5	79.1	75.3	72.8	69.3	70.1	59.4	67.1	46.0
8750	77	118.6	75.7	116.8	58.9	115.4	42.9	-	-	-	-	-	-	108.4	70.2	106.6	53.8	103.7	38.5	-	-	-	-	-	-
	72	109.9	91.0	108.5	74.4	106.2	57.7	104.3	41.7	-	-	-	-	99.2	83.1	97.6	67.9	96.8	53.5	94.7	38.8	-	-	-	-
	67	102.6	97.7	100.5	90.0	98.7	73.3	96.7	57.1	94.1	41.2	-	-	95.9	91.3	91.1	83.3	88.3	66.5	87.3	52.4	85.4	37.4	-	-
	62	104.5	99.5	97.7	93.0	89.8	85.5	89.2	72.2	87.4	56.6	85.1	40.5	95.2	90.7	89.1	84.9	83.0	79.0	80.4	65.8	78.6	50.9	76.5	37.2
	57	100.1	95.3	97.6	93.0	90.9	86.5	83.9	79.9	79.4	69.5	78.0	54.2	96.0	91.4	90.7	86.4	82.7	78.8	76.0	72.4	71.3	63.2	69.6	49.0

KD20 hot gas reheat capacity performance

Table 31: KD20 HGRH capacity performance, 35°F to 45°F

Air on evap. coil		Temperature Of Air On Condenser Coil																							
		Return Dry Bulb Temp (°F)												Return Dry Bulb Temp (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		35 (°F)												45 (°F)											
5000	77	156.9	73.7	155.4	62.1	155.2	49.9	-	-	-	-	-	-	150.2	70.5	149.0	59.6	147.9	47.6	-	-	-	-	-	-
	72	144.4	84.1	141.6	71.4	141.9	61.7	141.4	50.4	-	-	-	-	137.9	80.3	137.2	70.4	136.4	59.3	135.0	48.1	-	-	-	-
	67	133.9	95.4	132.8	84.3	131.3	73.1	130.6	61.3	127.7	50.0	-	-	127.4	91.9	126.0	80.0	124.8	69.5	123.8	58.1	123.2	48.2	-	-
	62	121.9	103.9	122.6	94.9	121.0	83.1	120.2	72.1	118.5	60.8	118.2	50.4	115.8	98.7	116.8	91.4	114.1	79.4	114.4	69.6	113.7	58.4	113.0	48.1
	57	121.4	105.5	114.1	99.2	112.8	94.1	111.7	83.6	110.1	71.8	108.9	61.5	112.9	98.2	107.0	93.1	105.2	88.7	105.3	79.7	104.6	69.1	102.8	58.1
6000	77	169.1	82.4	167.9	68.6	166.6	53.6	-	-	-	-	-	-	160.9	78.4	159.7	65.3	158.3	50.9	-	-	-	-	-	-
	72	154.5	94.1	153.8	81.6	152.7	67.7	152.0	54.2	-	-	-	-	147.5	91.1	147.9	78.4	146.2	64.8	145.3	51.8	-	-	-	-
	67	144.3	109.2	143.3	94.7	141.7	81.3	139.3	66.6	138.6	54.3	-	-	136.9	103.6	135.4	90.7	132.4	76.0	133.9	64.0	132.2	51.7	-	-
	62	132.1	114.9	131.1	107.2	131.4	94.8	129.6	81.2	128.8	67.2	127.5	54.3	127.5	110.9	125.6	103.8	125.2	90.3	123.7	77.5	122.3	64.9	119.3	50.8
	57	134.0	116.6	125.5	109.1	119.6	104.0	121.0	94.7	119.0	80.7	118.0	67.7	126.5	110.0	118.0	102.6	113.9	99.0	113.6	88.9	112.0	76.0	111.3	63.9
7000	77	178.6	90.1	175.4	73.2	175.8	58.1	-	-	-	-	-	-	168.4	84.9	167.1	69.7	166.2	54.9	-	-	-	-	-	-
	72	165.0	104.7	162.4	88.9	161.6	73.1	159.6	56.9	-	-	-	-	157.1	101.1	154.9	84.8	154.8	70.0	153.2	54.6	-	-	-	-
	67	152.6	120.8	151.9	105.7	150.1	88.8	147.2	72.9	146.9	57.5	-	-	145.0	116.0	144.1	100.3	142.6	84.3	140.2	69.5	139.2	54.5	-	-
	62	143.1	124.4	139.1	117.3	138.7	103.7	137.6	88.6	135.3	73.0	134.3	57.2	136.3	118.5	132.0	112.5	132.3	100.1	131.0	84.3	129.5	69.8	127.8	54.5
	57	144.6	125.8	135.3	117.6	129.7	112.7	128.3	104.8	126.3	87.9	125.0	72.8	136.9	119.1	130.1	113.1	122.3	106.4	120.2	99.3	120.8	85.1	118.2	68.9
8000	77	186.4	97.3	184.7	78.7	183.1	60.5	-	-	-	-	-	-	175.4	91.5	175.3	74.7	172.8	57.1	-	-	-	-	-	-
	72	172.4	115.4	170.5	96.3	168.7	77.7	167.6	59.7	-	-	-	-	163.7	109.6	162.7	92.0	161.7	74.5	159.4	56.8	-	-	-	-
	67	158.3	130.8	158.6	114.4	155.7	96.1	155.4	78.4	153.4	60.0	-	-	150.8	125.9	150.1	109.7	148.2	91.5	147.6	74.5	146.1	57.2	-	-
	62	152.2	132.4	145.3	126.3	145.1	113.5	143.6	96.1	142.1	77.8	139.8	59.6	146.9	127.8	139.3	121.2	138.2	109.4	135.7	90.8	135.2	74.1	133.7	57.0
	57	154.9	134.7	145.7	126.7	138.2	120.2	132.5	111.7	131.4	94.9	130.8	77.3	146.8	127.7	138.7	120.6	130.6	113.6	125.8	107.2	124.9	91.2	123.1	73.9
9000	77	193.5	104.3	190.8	83.0	189.2	62.5	-	-	-	-	-	-	183.0	98.7	181.0	78.7	178.7	59.1	-	-	-	-	-	-
	72	178.6	124.2	174.4	101.6	174.0	81.7	172.7	63.1	-	-	-	-	168.0	118.3	168.8	99.8	166.1	79.5	164.7	60.2	-	-	-	-
	67	164.8	140.4	164.0	124.1	163.0	103.5	161.0	82.6	159.0	63.6	-	-	155.2	132.3	155.5	117.6	153.8	97.6	152.8	78.4	150.7	60.3	-	-
	62	161.4	140.3	153.2	133.2	151.0	123.4	149.2	102.5	146.9	81.7	145.6	63.3	155.1	134.9	146.9	127.7	142.8	117.9	142.1	97.6	140.6	79.5	137.9	60.0
	57	161.8	140.7	153.6	133.6	145.8	126.8	138.7	119.4	137.1	102.5	135.5	82.5	154.6	134.5	146.6	127.5	138.0	120.0	130.4	113.4	129.2	96.6	127.7	77.7
10000	77	199.0	110.8	196.9	87.3	194.4	64.2	-	-	-	-	-	-	187.6	106.0	185.7	84.0	183.5	62.2	-	-	-	-	-	-
	72	182.3	131.5	182.1	109.3	181.8	88.5	177.4	64.8	-	-	-	-	175.9	128.5	172.3	104.9	171.5	83.5	169.1	61.8	-	-	-	-
	67	170.6	148.4	169.4	132.6	166.6	108.7	164.1	87.0	163.7	65.5	-	-	161.9	140.8	159.9	126.5	158.7	104.9	157.4	83.5	155.1	62.0	-	-
	62	168.7	146.7	158.9	138.1	154.7	130.5	153.0	109.1	150.9	86.6	149.9	65.2	160.2	139.3	153.5	133.5	147.5	124.4	145.9	104.0	143.7	82.5	141.9	61.7
	57	170.9	148.6	160.8	139.8	152.4	132.5	144.5	125.6	141.3	108.1	139.7	87.5	160.7	139.7	153.0	133.1	144.3	125.5	135.8	118.1	133.2	103.1	130.5	81.7

Table 32: KD20 HGRH capacity performance, 55°F to 65°F

Air on evap. coil		Temperature Of Air On Condenser Coil																							
		Return Dry Bulb Temp (°F)												Return Dry Bulb Temp (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		55 (°F)												65 (°F)											
5000	77	142.8	67.0	142.9	57.2	141.0	45.4	-	-	-	-	-	-	134.6	63.2	133.7	53.5	132.1	42.5	-	-	-	-	-	-
	72	130.5	77.2	129.7	66.6	129.7	56.4	127.8	45.6	-	-	-	-	123.8	73.2	121.9	62.6	120.9	52.5	121.1	43.2	-	-	-	-
	67	120.4	86.9	120.0	77.2	118.4	65.9	119.6	57.2	117.7	46.1	-	-	113.5	82.9	111.8	72.0	111.0	61.8	110.8	53.0	108.6	42.5	-	-
	62	109.2	94.0	109.6	85.7	108.4	75.4	107.3	65.3	105.2	54.9	104.9	44.7	99.1	85.3	103.4	81.8	101.8	71.7	100.7	61.3	99.2	51.8	98.0	41.8
	57	106.3	92.5	102.1	88.7	98.8	84.2	97.1	73.5	97.2	64.2	95.7	54.1	102.2	88.9	96.2	83.6	92.8	79.1	92.4	69.9	90.9	60.1	89.3	50.5
6000	77	153.3	74.7	152.5	62.3	151.7	48.8	-	-	-	-	-	-	145.4	70.8	142.2	58.1	140.6	45.2	-	-	-	-	-	-
	72	141.8	87.5	139.6	74.1	138.8	61.6	138.4	49.4	-	-	-	-	131.7	82.5	131.9	70.0	130.2	57.8	127.6	45.5	-	-	-	-
	67	129.7	99.2	128.3	85.9	128.7	73.8	128.2	62.4	126.9	49.7	-	-	122.0	93.3	121.8	82.6	119.8	69.8	118.5	57.7	117.0	45.8	-	-
	62	119.4	103.8	117.7	98.3	117.5	85.8	115.7	72.4	114.3	60.6	112.3	47.9	115.3	100.3	110.8	92.5	110.2	80.5	108.8	69.1	106.5	56.5	105.5	45.0
	57	122.6	106.6	113.2	98.4	107.0	93.1	106.7	84.5	105.2	71.3	103.7	59.5	114.2	99.3	104.2	90.7	100.7	87.6	99.4	78.6	99.1	68.1	97.0	55.7
7000	77	163.1	82.3	160.9	67.1	159.9	52.8	-	-	-	-	-	-	150.6	77.3	149.9	62.6	148.4	49.0	-	-	-	-	-	-
	72	147.9	95.2	147.2	80.7	147.6	66.7	145.8	52.0	-	-	-	-	141.0	92.0	139.2	77.5	136.8	61.8	135.4	48.3	-	-	-	-
	67	137.1	110.9	137.2	96.7	136.2	81.7	134.9	66.9	134.0	52.4	-	-	129.5	104.8	128.8	90.7	126.8	76.1	124.9	61.9	123.2	48.2	-	-
	62	128.3	111.5	124.8	107.5	123.8	93.7	122.6	80.0	119.0	64.1	118.8	50.6	123.6	107.5	117.3	101.0	116.6	89.3	115.0	75.0	112.4	60.6	111.2	47.4
	57	131.1	114.0	122.7	106.7	115.9	100.8	112.4	92.8	111.2	78.3	109.6	63.9	123.5	107.4	116.3	101.1	108.3	94.1	105.6	88.1	104.3	74.3	102.4	60.6
8000	77	168.6	89.4	167.5	71.4	166.2	54.9	-	-	-	-	-	-	158.7	84.2	156.8	66.8	154.2	51.0	-	-	-	-	-	-
	72	153.8	104.3	153.5	88.1	152.1	71.4	151.9	54.2	-	-	-	-	147.1	99.7	145.2	83.3	142.3	66.8	140.7	50.2	-	-	-	-
	67	141.8	118.4	142.4	104.0	141.6	87.4	141.6	71.4	139.9	54.7	-	-	135.2	114.1	134.2	99.2	131.4	82.3	130.2	66.8	128.2	50.2	-	-
	62	136.6	118.8	131.4	114.2	129.4	102.4	129.5	86.7	126.6	69.3	123.4	52.6	132.1	114.8	123.4	107.3	121.7	97.4	120.6	81.8	117.9	65.6	115.2	50.1
	57	140.1	121.8	130.2	113.3	122.4	106.4	116.8	99.6	116.2	84.9	113.7	68.2	131.9	114.7	123.9	107.7	117.1	101.8	109.7	94.4	108.8	80.4	106.8	64.1
9000	77	173.1	94.8	173.1	75.3	171.7	56.7	-	-	-	-	-	-	163.9	89.8	161.7	71.7	159.6	52.7	-	-	-	-	-	-
	72	159.5	112.4	157.9	93.4	158.9	76.0	156.6	57.2	-	-	-	-	152.6	108.8	149.6	89.8	147.8	70.7	144.4	52.7	-	-	-	-
	67	146.0	125.7	146.6	112.2	145.9	93.9	146.9	76.6	144.0	57.6	-	-	140.1	121.8	138.2	105.7	136.7	88.0	134.6	70.2	132.2	52.9	-	-
	62	145.9	126.9	139.1	121.0	133.7	110.5	132.7	92.3	130.7	73.9	128.4	55.8	136.7	118.8	130.0	113.1	125.0	104.3	122.7	86.4	122.2	69.1	119.1	51.8
	57	148.7	129.3	137.3	119.4	129.8	112.9	121.8	105.9	119.3	90.2	119.0	73.5	138.2	120.2	129.8	112.9	122.5	106.5	113.0	98.3	112.3	84.9	109.1	67.4
10000	77	178.9	101.1	177.7	80.4	176.0	59.7	-	-	-	-	-	-	168.0	96.4	166.4	75.3	163.4	55.4	-	-	-	-	-	-
	72	166.2	121.4	163.3	99.4	163.6	79.7	161.1	58.8	-	-	-	-	156.1	115.4	154.2	95.2	151.6	75.1	148.6	54.3	-	-	-	-
	67	153.9	133.9	152.5	120.7	151.5	100.1	150.2	79.7	148.8	59.5	-	-	145.9	126.8	140.2	113.4	139.7	93.6	137.4	72.9	135.6	54.2	-	-
	62	153.4	133.4	143.9	125.1	137.9	117.5	136.5	98.5	136.2	78.1	131.9	57.3	145.3	126.3	136.8	119.0	128.7	110.8	128.0	92.4	125.6	73.2	123.0	53.5
	57	155.0	134.8	142.8	124.2	135.9	118.2	126.4	109.9	123.6	96.7	121.2	75.9	145.4	126.5	136.4	118.6	128.0	111.3	118.9	103.4	115.5	90.4	113.4	72.0

Table 33: KD20 HGRH capacity performance, 75°F to 85°F

Air on evap. coil		Temperature Of Air On Condenser Coil																							
		Return Dry Bulb Temp (°F)												Return Dry Bulb Temp (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		75 (°F)												85 (°F)											
5000	77	125.6	60.1	123.0	49.2	124.7	40.1	-	-	-	-	-	-	115.6	55.3	115.3	46.1	114.1	36.7	-	-	-	-	-	-
	72	114.7	68.8	113.8	58.4	112.9	49.1	112.0	39.9	-	-	-	-	106.8	64.1	105.4	55.0	102.2	44.4	103.1	36.8	-	-	-	-
	67	106.4	77.7	104.9	68.4	103.9	58.7	102.3	48.9	101.1	39.6	-	-	98.0	72.4	97.0	63.3	95.4	53.9	93.2	44.6	92.1	36.1	-	-
	62	96.4	83.8	95.9	75.9	94.8	66.8	92.9	56.5	92.2	48.1	91.1	38.8	88.6	77.0	86.4	69.1	87.2	62.1	86.1	53.2	84.3	44.0	83.3	35.5
	57	95.7	83.3	86.6	75.3	86.2	74.2	85.7	65.5	83.0	55.6	81.7	46.2	88.9	77.3	83.6	72.7	78.2	68.0	78.5	60.8	77.0	51.6	75.8	42.8
6000	77	135.0	66.9	133.3	54.5	132.2	42.5	-	-	-	-	-	-	123.6	61.2	122.2	50.0	122.3	40.4	-	-	-	-	-	-
	72	124.2	77.7	123.0	66.3	121.5	53.9	120.2	42.9	-	-	-	-	114.9	72.9	113.2	61.0	112.0	50.7	110.9	39.5	-	-	-	-
	67	114.1	88.3	112.8	76.5	109.9	64.0	110.7	53.9	108.7	42.5	-	-	101.9	79.8	104.3	71.6	102.2	60.5	100.6	49.0	100.1	39.2	-	-
	62	106.8	92.9	103.3	87.1	103.0	76.1	99.5	63.2	99.3	52.7	98.1	41.8	99.5	86.5	94.7	80.7	95.0	71.1	92.7	58.9	91.3	48.4	89.9	38.3
	57	106.9	92.9	100.4	87.3	94.3	82.0	92.2	73.8	91.1	62.6	89.5	51.4	99.2	86.3	92.2	80.1	86.7	75.4	84.5	68.4	83.5	58.1	81.7	47.6
7000	77	142.5	73.1	140.4	58.6	139.5	46.1	-	-	-	-	-	-	131.5	68.6	129.6	55.2	127.7	42.2	-	-	-	-	-	-
	72	132.0	87.3	129.5	72.1	127.8	58.9	126.4	45.1	-	-	-	-	121.3	80.2	120.9	68.3	118.0	54.4	116.5	41.5	-	-	-	-
	67	119.3	97.5	119.5	85.2	117.5	71.5	116.3	57.6	114.6	44.8	-	-	111.4	92.0	110.3	79.6	108.6	66.1	107.0	54.0	105.5	41.3	-	-
	62	115.8	100.7	109.3	95.0	108.3	83.8	106.8	70.6	104.9	57.5	103.6	44.1	106.4	92.6	101.0	87.8	100.1	78.3	98.0	64.7	96.2	52.7	94.3	40.2
	57	114.4	99.5	105.8	92.0	102.6	89.2	97.6	81.5	96.2	68.6	93.2	55.1	107.8	93.7	100.9	87.7	94.5	82.2	88.9	75.0	88.0	63.5	86.3	51.0
8000	77	147.8	79.7	146.1	63.5	143.8	47.5	-	-	-	-	-	-	136.8	73.7	134.7	58.6	132.6	43.8	-	-	-	-	-	-
	72	137.1	94.2	135.0	78.7	133.3	62.6	131.5	48.0	-	-	-	-	126.5	88.0	125.5	73.1	122.7	57.6	121.1	44.2	-	-	-	-
	67	124.7	106.3	124.6	93.2	121.7	76.2	121.1	62.1	119.2	46.6	-	-	116.2	100.0	114.5	86.7	113.7	72.2	111.9	57.4	109.4	42.8	-	-
	62	124.0	107.8	116.0	100.9	112.1	90.6	110.0	75.6	109.5	60.9	106.9	46.5	113.5	98.7	108.1	94.0	103.5	84.6	102.4	70.3	99.6	55.4	98.1	42.7
	57	123.8	107.7	116.1	100.9	108.0	93.9	101.1	87.9	99.3	73.4	98.4	59.9	114.9	99.9	107.6	93.6	100.6	87.5	93.4	81.2	91.8	68.6	88.6	53.9
9000	77	151.0	84.1	150.5	66.7	149.4	49.4	-	-	-	-	-	-	139.7	79.0	139.3	61.8	137.1	45.3	-	-	-	-	-	-
	72	139.0	100.3	140.3	84.2	137.5	65.8	135.3	49.4	-	-	-	-	130.4	95.2	128.9	78.5	126.7	61.7	124.5	45.5	-	-	-	-
	67	130.6	113.6	128.2	99.2	126.8	82.7	124.3	64.8	122.8	49.1	-	-	121.0	105.3	118.2	92.5	116.3	76.9	114.7	60.8	112.5	45.0	-	-
	62	130.6	113.6	122.4	106.4	116.6	98.4	115.2	81.2	113.1	64.9	110.9	48.2	123.1	107.1	113.3	98.5	106.0	90.3	105.7	75.3	104.1	59.8	101.3	44.0
	57	130.5	113.5	122.1	106.1	114.4	99.5	106.3	92.4	102.2	78.2	101.3	62.5	121.2	105.4	113.7	98.8	105.5	91.7	98.1	85.3	94.2	72.9	92.1	57.7
10000	77	156.8	90.0	154.0	71.0	153.0	51.9	-	-	-	-	-	-	144.7	84.3	141.6	65.3	140.2	47.5	-	-	-	-	-	-
	72	144.4	108.0	141.4	88.6	141.0	69.9	139.8	51.1	-	-	-	-	133.5	101.0	130.3	81.6	130.2	64.6	127.4	46.5	-	-	-	-
	67	136.5	118.7	132.0	106.7	130.2	88.3	128.2	69.1	125.8	50.3	-	-	126.0	109.5	121.8	99.5	119.8	81.2	117.5	63.3	114.9	46.0	-	-
	62	135.2	117.5	127.8	111.1	119.9	104.3	118.2	86.4	115.9	67.6	113.8	49.5	126.5	110.0	117.9	102.5	109.8	95.5	107.6	79.5	105.6	62.4	103.5	45.0
	57	135.8	118.1	127.0	110.4	118.1	102.7	110.8	96.3	106.1	84.0	104.0	66.0	126.5	110.0	117.9	102.5	111.6	97.0	101.6	88.3	96.6	77.3	94.6	60.1

BHC Residential & Light Commercial LLC

KD25 hot gas reheat capacity performance

Table 34: KD25 HGRH capacity performance, 35°F to 45°F

Air on evap. coil		Temperature Of Air On Condenser Coil																							
		Return Dry Bulb Temp (°F)												Return Dry Bulb Temp (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		35 (°F)												45 (°F)											
6250	77	208.4	102.3	207.2	84.8	204.8	68.9	-	-	-	-	-	-	199.6	98.0	197.9	82.7	196.3	66.0	-	-	-	-	-	-
	72	191.1	116.4	190.1	100.2	188.7	85.8	187.4	69.9	-	-	-	-	183.3	111.7	182.6	97.9	179.3	81.5	177.9	66.3	-	-	-	-
	67	178.8	133.3	176.2	117.0	175.1	101.9	173.8	85.3	172.4	70.5	-	-	168.9	127.4	167.5	111.2	165.9	96.5	164.9	80.9	163.9	67.0	-	-
	62	163.7	147.3	160.8	131.6	161.5	116.0	160.2	100.5	158.7	85.1	156.6	69.8	156.4	142.2	155.2	127.0	153.8	111.9	152.6	97.1	150.9	81.0	149.4	66.5
	57	165.1	150.1	156.1	141.9	150.3	132.5	148.8	116.4	145.2	100.3	145.6	86.0	156.0	141.8	148.4	134.9	141.3	125.9	140.2	110.9	138.9	96.0	137.5	81.3
7500	77	219.3	111.6	218.8	93.5	217.3	73.1	-	-	-	-	-	-	210.3	107.1	207.2	88.5	206.9	69.6	-	-	-	-	-	-
	72	202.6	128.9	200.1	110.9	199.5	92.5	198.0	73.8	-	-	-	-	193.8	125.1	193.0	107.1	191.7	88.9	189.9	70.8	-	-	-	-
	67	187.6	148.4	186.8	130.8	185.3	111.2	183.5	91.7	182.3	74.6	-	-	178.6	141.3	175.1	122.5	173.8	104.3	175.1	89.1	173.1	70.8	-	-
	62	177.6	161.4	172.6	147.5	170.9	129.0	170.0	111.3	168.5	91.9	165.7	73.8	170.5	155.0	164.4	142.0	163.3	124.7	161.5	105.7	160.4	88.9	157.3	70.1
	57	178.6	162.4	169.7	154.3	160.5	145.9	158.0	129.2	155.9	110.6	154.4	92.7	170.2	154.7	161.3	146.6	152.3	138.5	149.2	123.5	147.8	104.8	146.1	87.7
8750	77	227.5	120.0	225.4	98.3	225.2	77.8	-	-	-	-	-	-	218.9	115.4	215.3	94.0	215.0	74.3	-	-	-	-	-	-
	72	209.6	141.0	209.7	120.1	207.2	98.0	206.4	76.9	-	-	-	-	202.1	136.0	201.1	115.2	199.6	94.4	197.8	73.7	-	-	-	-
	67	196.5	164.3	194.7	141.6	191.6	118.5	190.6	98.7	190.2	77.8	-	-	187.1	156.5	185.2	134.7	184.0	115.4	182.9	94.8	181.1	74.1	-	-
	62	189.2	172.0	180.2	162.2	178.2	140.9	177.4	119.3	175.7	99.0	174.2	77.6	182.1	165.5	172.7	155.4	170.3	134.7	168.9	115.2	167.3	94.3	164.6	73.3
	57	190.9	173.6	179.1	162.8	171.3	155.7	165.3	141.3	163.1	120.1	161.4	98.3	181.5	165.0	171.8	156.2	162.6	147.8	155.9	134.6	154.3	113.6	152.7	93.0
10000	77	236.3	128.9	234.2	104.3	232.5	80.3	-	-	-	-	-	-	224.8	122.6	222.5	99.1	221.0	76.3	-	-	-	-	-	-
	72	218.0	152.6	215.9	127.6	213.7	102.9	213.0	79.4	-	-	-	-	208.4	147.8	208.1	124.9	205.8	99.2	203.9	76.0	-	-	-	-
	67	202.7	176.9	200.5	153.1	199.4	128.7	197.9	104.3	196.3	80.3	-	-	192.5	169.8	190.9	145.8	189.7	122.5	188.8	99.6	186.8	76.4	-	-
	62	198.8	180.8	188.8	171.7	183.9	152.1	182.9	128.0	181.5	103.9	179.4	79.9	191.9	174.4	181.4	164.9	176.0	145.6	174.4	122.1	173.1	99.2	171.0	76.2
	57	201.3	183.0	189.4	172.2	180.0	163.6	170.9	152.2	167.4	127.8	167.0	104.8	191.3	173.9	180.1	163.8	171.0	155.5	161.5	145.3	159.6	121.9	156.8	98.4
11250	77	240.8	135.7	239.8	109.0	237.8	82.2	-	-	-	-	-	-	230.4	132.0	228.4	103.8	226.0	78.1	-	-	-	-	-	-
	72	223.0	164.2	221.9	137.1	220.0	110.0	218.0	83.2	-	-	-	-	213.3	157.1	213.1	131.8	210.7	105.4	207.7	79.3	-	-	-	-
	67	208.2	189.3	206.2	163.1	204.8	135.9	203.2	109.0	201.1	84.1	-	-	200.3	182.1	196.6	157.3	194.6	130.9	192.3	104.9	191.3	80.0	-	-
	62	208.0	189.0	196.8	178.9	188.7	161.2	188.1	136.8	186.5	110.2	183.7	83.5	201.1	182.8	189.6	172.4	181.8	157.0	179.5	130.5	177.2	104.7	175.4	79.7
	57	209.6	190.6	198.0	180.0	187.0	170.0	177.2	161.1	171.7	135.8	171.0	108.8	199.7	181.5	188.9	171.8	178.0	161.8	168.1	152.8	164.4	130.1	162.5	104.9
12500	77	246.9	145.9	244.6	115.6	242.1	83.6	-	-	-	-	-	-	233.9	138.2	232.6	109.9	230.2	81.6	-	-	-	-	-	-
	72	227.9	174.0	226.3	144.0	224.1	114.1	221.5	84.6	-	-	-	-	217.7	166.3	217.2	138.2	215.0	109.5	212.3	81.1	-	-	-	-
	67	216.1	196.5	209.9	173.7	208.9	144.3	207.7	115.2	205.1	85.8	-	-	203.9	185.3	200.9	166.2	199.4	137.7	198.0	109.8	195.5	81.7	-	-
	62	214.6	195.1	204.2	185.7	193.6	172.4	191.7	142.9	190.3	114.2	188.0	85.4	206.8	188.0	196.4	178.5	185.5	165.3	183.0	138.1	181.5	108.9	179.3	81.5
	57	217.3	197.6	204.2	185.6	193.9	176.2	183.5	166.8	177.1	143.3	175.4	114.8	207.2	188.4	195.7	177.9	184.6	167.8	173.6	157.9	167.8	137.3	166.0	108.6

Table 35: KD25 HGRH capacity performance, 55°F to 65°F

Air on evap. coil		Temperature Of Air On Condenser Coil																							
		Return Dry Bulb Temp (°F)												Return Dry Bulb Temp (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		55 (°F)												65 (°F)											
6250	77	189.7	93.1	185.6	77.6	188.1	63.3	-	-	-	-	-	-	178.9	87.8	175.1	73.2	175.6	59.1	-	-	-	-	-	-
	72	174.8	108.1	172.2	92.4	173.1	78.7	169.9	63.3	-	-	-	-	164.9	101.9	162.5	87.2	161.1	73.2	159.2	59.4	-	-	-	-
	67	160.1	120.8	158.6	106.7	158.9	92.4	158.7	79.4	157.0	64.2	-	-	150.8	115.2	150.2	101.1	149.6	87.0	146.8	73.4	145.8	59.6	-	-
	62	148.9	135.3	146.3	119.7	143.9	104.7	143.1	91.1	141.6	77.2	139.2	62.0	141.7	128.8	137.9	114.1	136.9	100.8	134.6	85.7	132.8	72.4	130.9	58.3
	57	149.5	135.9	140.5	127.7	133.0	118.5	131.4	103.9	129.8	89.7	128.4	75.9	140.5	127.8	133.3	121.2	124.8	112.3	123.4	98.7	121.9	84.2	120.3	71.1
7500	77	200.1	101.9	199.1	85.1	198.3	66.7	-	-	-	-	-	-	188.7	97.8	187.3	80.0	185.1	62.3	-	-	-	-	-	-
	72	184.9	119.3	181.4	100.6	182.4	84.6	181.1	67.5	-	-	-	-	174.9	114.5	171.6	96.7	170.5	79.1	168.6	62.8	-	-	-	-
	67	169.7	135.7	169.6	118.7	168.6	102.7	168.3	85.7	166.6	68.1	-	-	161.2	130.5	159.2	112.9	157.2	95.7	155.4	79.1	153.6	62.8	-	-
	62	161.2	146.6	153.0	132.1	153.6	117.3	152.0	99.5	149.5	82.9	148.3	66.1	154.2	140.2	146.4	127.8	144.5	111.7	142.9	94.8	141.1	78.2	138.7	61.8
	57	162.8	148.0	152.0	138.2	144.3	131.2	140.0	115.8	138.4	99.4	134.9	80.9	153.2	139.3	145.3	132.1	136.7	124.3	128.8	107.7	130.0	93.4	127.8	76.7
8750	77	208.1	111.6	207.4	90.5	206.0	71.2	-	-	-	-	-	-	196.4	105.3	194.5	84.9	191.8	66.3	-	-	-	-	-	-
	72	191.0	130.2	189.2	110.1	190.2	89.9	188.1	70.1	-	-	-	-	181.8	123.9	179.9	104.7	177.5	85.5	174.2	64.9	-	-	-	-
	67	177.9	150.4	176.8	130.2	176.0	110.4	175.5	91.0	173.6	71.0	-	-	168.7	144.2	165.8	123.6	164.4	104.6	162.3	84.1	159.6	65.3	-	-
	62	172.9	157.2	163.7	148.9	160.4	128.3	158.6	108.1	156.9	88.4	154.6	68.9	164.4	149.5	155.4	141.3	152.4	123.3	149.1	103.0	146.7	82.7	145.3	64.7
	57	174.2	158.4	162.8	148.0	153.7	139.7	145.8	125.9	144.6	107.8	142.9	88.3	163.4	148.5	155.2	141.1	145.8	132.5	137.2	119.8	135.5	101.0	134.0	82.8
10000	77	214.3	118.8	213.3	95.0	212.0	73.2	-	-	-	-	-	-	202.1	112.1	200.3	91.0	197.4	68.2	-	-	-	-	-	-
	72	196.8	141.3	195.5	117.3	196.2	96.3	194.3	72.4	-	-	-	-	187.1	134.4	185.2	112.8	183.1	89.9	180.4	68.9	-	-	-	-
	67	183.2	161.6	180.7	139.6	181.7	118.9	180.9	95.4	179.3	73.3	-	-	174.2	155.2	171.9	132.8	169.7	111.1	167.4	89.8	164.9	67.5	-	-
	62	182.4	165.8	172.3	156.6	166.5	139.2	164.2	116.4	162.3	94.4	160.3	71.4	173.7	157.9	165.1	150.1	157.1	132.8	154.3	109.4	152.5	88.7	150.2	68.3
	57	182.5	165.9	171.9	156.3	161.8	147.1	152.2	137.0	149.0	115.2	147.7	92.7	173.6	157.8	163.4	148.5	153.6	139.6	144.0	129.6	138.5	107.0	138.3	88.0
11250	77	219.7	125.8	218.4	101.3	216.9	74.9	-	-	-	-	-	-	205.9	119.8	205.2	95.1	202.2	69.8	-	-	-	-	-	-
	72	203.5	151.7	200.9	124.2	201.3	100.6	198.5	75.8	-	-	-	-	192.2	145.0	190.0	119.2	187.6	93.8	184.8	70.6	-	-	-	-
	67	189.6	172.3	187.8	150.3	186.2	125.2	185.7	101.3	183.3	76.7	-	-	181.3	164.8	176.3	142.7	174.0	118.6	171.6	93.6	169.0	70.7	-	-
	62	190.2	172.9	179.8	163.4	170.7	149.0	168.4	124.0	166.8	98.5	164.3	74.7	179.1	162.8	169.2	153.9	161.2	140.7	158.4	116.6	156.6	94.0	153.8	69.9
	57	191.2	173.8	178.4	162.2	168.8	153.5	158.6	144.2	153.6	121.5	151.6	97.8	181.4	164.9	170.5	155.0	158.5	144.1	150.0	136.4	144.3	115.4	142.1	91.7
12500	77	223.8	134.3	221.7	104.8	220.8	78.3	-	-	-	-	-	-	210.7	126.4	207.7	98.2	204.9	72.6	-	-	-	-	-	-
	72	208.3	161.0	204.9	132.3	205.0	106.2	202.5	77.3	-	-	-	-	196.3	153.5	193.6	126.8	191.3	99.1	188.3	71.9	-	-	-	-
	67	197.3	179.3	192.4	160.9	188.7	132.1	189.1	104.9	187.3	78.3	-	-	186.7	169.7	180.5	152.6	176.2	125.0	175.4	98.9	172.8	72.3	-	-
	62	197.4	179.4	186.2	169.3	174.9	157.4	172.2	129.9	170.3	103.7	167.6	76.2	188.1	171.0	177.1	161.0	164.6	149.6	160.5	122.5	159.6	97.2	157.4	71.5
	57	196.3	178.5	186.1	169.2	175.2	159.2	163.6	148.7	157.1	128.5	154.9	102.8	188.1	171.0	176.7	160.6	165.8	150.7	153.5	139.6	147.7	122.2	145.1	96.3

BHC Residential & Light Commercial LLC

Table 36: KD25 HGRH capacity performance, 75°F to 85°F

Air on evap. coil		Temperature Of Air On Condenser Coil																							
		Return Dry Bulb Temp (°F)												Return Dry Bulb Temp (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		75 (°F)												85 (°F)											
6250	77	167.3	83.6	165.7	69.3	164.6	55.4	-	-	-	-	-	-	154.9	77.4	152.4	63.8	151.9	51.1	-	-	-	-	-	-
	72	153.7	96.4	152.0	82.9	150.5	68.4	149.2	55.6	-	-	-	-	142.7	89.5	138.9	75.8	137.5	62.5	137.5	51.2	-	-	-	-
	67	141.2	109.1	140.0	95.5	139.5	82.4	136.7	68.3	135.2	55.3	-	-	130.1	101.7	129.6	88.4	127.8	75.5	126.3	63.1	124.4	50.9	-	-
	62	133.2	121.1	128.7	107.6	127.1	93.6	125.4	81.0	123.5	67.4	120.6	53.7	124.3	113.0	119.0	100.6	118.6	88.4	115.6	74.6	113.6	61.9	112.3	50.0
	57	132.8	120.7	125.5	114.1	117.6	105.9	114.3	91.5	113.1	79.2	110.0	65.0	124.3	113.0	116.6	106.0	109.3	98.4	105.4	85.3	103.6	72.5	100.1	59.1
7500	77	176.3	91.3	174.5	74.6	173.8	58.5	-	-	-	-	-	-	161.6	85.2	161.8	70.6	160.2	53.9	-	-	-	-	-	-
	72	163.1	106.7	161.3	90.9	159.5	73.9	157.6	58.8	-	-	-	-	151.1	100.3	149.3	84.1	147.3	69.6	145.4	54.2	-	-	-	-
	67	150.3	123.0	148.5	106.6	146.5	89.2	144.6	73.6	143.2	58.6	-	-	139.1	115.0	136.9	98.4	134.9	83.4	134.0	68.2	132.0	54.0	-	-
	62	146.3	133.0	135.7	119.7	135.6	104.8	132.3	87.8	130.5	72.4	129.5	57.7	135.6	123.3	127.4	113.5	124.4	97.3	123.0	82.8	120.8	68.1	119.1	53.0
	57	145.3	132.0	136.6	124.2	128.8	117.1	122.2	102.2	120.4	87.5	118.5	72.2	135.3	123.0	127.2	115.7	117.7	107.0	111.9	94.6	110.5	80.4	107.9	65.7
8750	77	183.4	98.4	181.5	80.8	180.4	62.3	-	-	-	-	-	-	170.2	92.8	166.2	74.0	166.1	57.4	-	-	-	-	-	-
	72	168.5	116.4	166.3	98.3	165.9	79.9	163.1	60.8	-	-	-	-	156.8	109.8	155.4	91.8	154.3	74.3	151.4	56.4	-	-	-	-
	67	156.9	135.5	154.9	115.5	153.1	97.4	150.8	79.5	148.0	60.5	-	-	145.7	127.2	143.2	108.1	141.5	91.3	139.6	73.6	137.2	56.1	-	-
	62	154.9	140.8	145.9	132.6	141.2	114.2	138.8	95.9	137.2	78.6	135.4	60.3	144.8	131.6	135.7	123.4	130.5	106.8	127.9	89.6	126.2	72.3	124.1	55.3
	57	154.6	140.6	145.4	132.2	136.8	124.4	127.9	112.8	125.7	94.9	123.9	76.6	145.1	131.9	135.2	122.9	127.1	115.6	118.5	104.5	114.3	86.3	113.7	71.3
10000	77	189.0	106.5	186.8	84.9	185.6	64.1	-	-	-	-	-	-	174.7	100.0	173.1	78.7	170.7	59.0	-	-	-	-	-	-
	72	174.6	127.0	173.3	105.5	171.2	84.0	168.9	64.5	-	-	-	-	162.0	119.3	160.4	99.1	158.4	79.2	156.1	59.6	-	-	-	-
	67	164.0	147.6	160.2	125.3	156.6	103.9	156.1	83.7	153.7	62.9	-	-	153.0	137.7	148.2	117.2	144.4	97.1	144.0	78.6	140.6	58.8	-	-
	62	163.3	148.4	154.2	140.2	146.4	125.1	144.5	103.8	141.4	82.3	138.7	63.0	152.5	138.6	143.4	130.4	134.9	116.5	132.3	96.2	130.4	77.1	127.6	58.0
	57	162.1	147.4	153.5	139.5	145.4	132.2	134.7	122.4	129.9	101.6	128.2	81.6	152.8	138.9	143.4	130.4	133.5	121.4	124.6	113.3	119.3	94.3	117.7	74.9
11250	77	192.0	111.7	191.1	88.6	188.7	65.2	-	-	-	-	-	-	179.3	106.0	177.3	83.8	174.7	62.0	-	-	-	-	-	-
	72	179.5	135.5	177.2	112.8	175.0	89.1	172.7	65.9	-	-	-	-	166.0	128.3	164.1	104.4	160.9	81.9	159.3	60.8	-	-	-	-
	67	170.7	155.2	164.6	134.7	161.6	111.6	159.9	88.7	156.9	65.6	-	-	158.6	144.2	152.5	126.2	148.0	102.2	147.6	81.9	144.9	60.6	-	-
	62	171.0	155.4	160.6	146.0	150.7	132.9	147.7	110.1	145.8	87.5	143.1	65.0	159.0	144.5	147.2	133.8	139.6	124.4	134.8	101.7	133.4	80.1	131.8	59.9
	57	171.0	155.4	161.0	146.3	150.3	136.6	140.2	127.4	133.8	108.3	131.4	86.0	160.2	145.6	149.7	136.1	139.2	126.6	129.5	117.7	123.2	100.8	120.3	78.8
12500	77	197.4	120.2	194.3	93.6	193.1	68.4	-	-	-	-	-	-	182.3	112.7	180.5	87.0	177.5	62.9	-	-	-	-	-	-
	72	183.1	144.8	180.8	118.3	178.7	92.6	176.0	67.2	-	-	-	-	169.3	135.4	167.3	111.0	163.4	86.1	162.6	63.6	-	-	-	-
	67	177.1	161.0	167.2	142.9	165.2	117.2	163.3	92.1	160.7	67.2	-	-	164.8	149.8	155.6	134.4	153.1	110.0	150.5	86.2	148.1	61.9	-	-
	62	177.1	161.0	165.8	150.7	154.8	140.7	151.1	116.8	148.7	91.9	146.0	66.3	164.8	149.8	154.7	140.6	144.7	131.5	139.3	108.9	135.7	83.9	134.0	62.1
	57	176.0	160.0	165.6	150.5	155.6	141.5	145.1	131.9	137.1	114.7	134.8	89.5	165.3	150.2	155.1	141.0	144.4	131.3	134.5	122.2	125.8	106.3	122.3	82.3

KD28 hot gas reheat capacity performance

Table 37: KD28 HGRH capacity performance, 35°F to 45°F

Air on evap. coil		Temperature Of Air On Condenser Coil																							
		Return Dry Bulb Temp (°F)												Return Dry Bulb Temp (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		35 (°F)												45 (°F)											
6875	77	240.4	110.8	237.1	92.8	238.1	76.6	-	-	-	-	-	-	226.6	104.4	228.7	89.5	227.5	73.2	-	-	-	-	-	-
	72	221.1	128.8	219.3	110.6	215.7	93.8	216.5	77.2	-	-	-	-	211.9	123.5	211.5	106.7	210.2	91.4	208.9	74.5	-	-	-	-
	67	203.4	145.1	202.6	126.8	201.3	110.3	199.7	93.8	198.7	77.7	-	-	195.0	139.0	194.1	123.2	192.4	107.1	191.0	89.7	190.6	74.6	-	-
	62	187.1	159.5	186.3	144.2	185.5	127.4	184.6	110.8	183.3	94.0	181.9	77.5	179.3	154.4	178.4	138.1	177.4	121.9	176.2	105.7	175.0	89.8	173.9	74.1
	57	186.1	161.8	177.4	154.3	171.3	143.0	170.4	127.4	168.5	109.9	167.4	93.2	179.7	156.3	169.1	147.0	163.1	136.2	161.7	120.9	160.3	104.5	158.3	89.5
8250	77	255.1	122.0	253.1	101.2	251.9	81.1	-	-	-	-	-	-	242.3	115.9	239.7	95.9	238.9	76.9	-	-	-	-	-	-
	72	235.4	143.3	232.8	121.4	230.4	102.2	229.7	81.9	-	-	-	-	225.1	137.0	224.2	117.0	222.6	98.7	221.3	78.9	-	-	-	-
	67	215.8	161.4	215.0	142.1	213.7	120.8	212.5	101.6	210.9	82.5	-	-	206.4	154.3	206.0	136.1	204.5	117.4	203.8	97.5	202.3	79.1	-	-
	62	202.2	175.8	198.5	160.5	197.2	140.6	196.8	121.5	194.6	101.5	193.1	82.3	195.3	169.8	189.7	155.1	188.5	136.1	187.4	117.3	186.2	97.2	184.6	78.7
	57	202.8	176.4	192.9	167.7	182.5	158.7	181.2	140.2	179.8	120.4	178.3	102.3	194.8	169.4	184.9	160.8	175.0	152.2	172.0	134.6	171.0	116.0	169.5	97.3
9625	77	266.4	132.0	264.2	108.0	263.0	84.6	-	-	-	-	-	-	254.5	128.3	252.5	105.4	250.8	80.7	-	-	-	-	-	-
	72	245.2	155.6	243.6	131.4	241.7	109.3	240.5	85.7	-	-	-	-	234.7	149.0	234.0	128.2	231.7	104.8	230.9	82.3	-	-	-	-
	67	225.7	176.7	225.3	154.8	223.6	132.2	222.5	108.3	220.2	86.2	-	-	217.4	172.1	215.1	149.6	213.5	126.2	211.5	104.8	210.4	82.3	-	-
	62	216.0	187.8	207.4	176.8	206.1	154.1	204.7	131.7	203.2	107.8	201.6	85.9	207.4	180.3	198.4	169.1	197.2	147.5	195.9	126.1	193.6	104.4	191.7	81.7
	57	217.8	189.4	206.2	179.3	195.7	170.2	187.1	151.3	188.3	131.0	186.7	108.8	207.6	180.5	197.8	172.0	187.4	163.0	180.5	147.5	178.9	124.5	177.7	103.5
11000	77	275.3	141.2	271.1	115.5	271.6	89.7	-	-	-	-	-	-	262.6	137.0	260.1	110.8	257.8	85.2	-	-	-	-	-	-
	72	254.1	167.9	252.9	140.7	250.6	115.5	247.2	88.1	-	-	-	-	242.7	160.4	241.5	136.5	240.1	110.6	237.9	84.8	-	-	-	-
	67	234.8	191.9	236.0	168.3	231.6	141.0	230.3	116.1	227.5	89.0	-	-	224.9	185.8	223.1	161.0	221.7	135.0	219.1	110.5	217.4	85.1	-	-
	62	228.7	198.8	216.8	188.5	213.4	165.1	211.9	140.1	210.9	115.5	208.6	88.9	221.4	192.6	209.3	182.0	202.9	158.8	203.7	134.6	201.6	110.5	199.6	85.1
	57	229.9	199.9	217.5	189.1	206.2	179.3	197.2	166.4	195.1	140.8	193.0	114.1	220.6	191.8	208.8	181.6	197.4	171.7	187.3	158.0	183.4	132.4	184.2	108.9
12375	77	282.7	149.9	280.8	122.1	278.4	92.0	-	-	-	-	-	-	269.7	145.4	267.0	116.1	264.8	87.5	-	-	-	-	-	-
	72	260.1	178.7	257.7	150.1	256.7	120.6	254.9	93.1	-	-	-	-	249.0	173.2	246.0	143.3	245.2	115.1	243.8	89.0	-	-	-	-
	67	241.0	207.4	239.2	178.9	238.4	149.3	236.9	121.5	234.4	91.7	-	-	231.6	199.4	229.4	171.6	227.6	144.5	225.7	115.8	224.3	87.8	-	-
	62	239.4	208.2	226.8	197.2	220.4	178.2	217.8	149.6	216.9	120.7	213.7	92.9	231.2	201.0	219.5	190.8	211.4	170.9	209.1	143.6	207.7	115.6	204.3	88.8
	57	241.4	209.9	227.4	197.7	215.2	187.1	204.0	177.3	200.6	148.3	199.5	121.5	231.0	200.9	218.3	189.9	206.8	179.8	194.5	169.1	190.9	142.8	189.8	115.5
13750	77	286.1	159.2	285.5	126.6	284.5	94.0	-	-	-	-	-	-	275.5	153.3	273.0	121.1	270.4	89.4	-	-	-	-	-	-
	72	265.9	189.6	265.4	159.2	263.0	125.8	260.6	95.2	-	-	-	-	254.0	183.3	252.3	151.4	251.5	122.5	248.4	90.7	-	-	-	-
	67	249.1	216.6	246.0	190.4	244.2	159.3	240.9	125.7	240.3	96.1	-	-	239.8	208.5	233.5	182.7	232.7	151.8	231.6	120.9	228.9	91.6	-	-
	62	246.9	214.7	235.5	204.8	225.0	187.8	223.4	157.3	221.6	127.2	219.7	95.5	240.1	208.8	227.9	198.1	216.4	182.5	214.5	152.9	212.3	121.8	210.0	91.3
	57	249.6	217.1	234.3	203.8	223.7	194.5	210.9	183.4	205.2	157.0	203.9	125.9	239.8	208.5	226.7	197.1	213.9	186.0	201.2	174.9	195.7	149.7	193.8	121.4

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Table 38: KD28 HGRH capacity performance, 55°F to 65°F

Air on evap. coil		Temperature Of Air On Condenser Coil																							
		Return Dry Bulb Temp (°F)												Return Dry Bulb Temp (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		55 (°F)												65 (°F)											
6875	77	220.4	103.5	219.2	87.7	219.0	70.4	-	-	-	-	-	-	208.4	97.8	207.5	83.0	206.4	66.4	-	-	-	-	-	-
	72	203.0	118.3	201.0	101.4	200.8	87.3	199.9	71.3	-	-	-	-	192.3	113.7	190.8	97.9	187.9	81.7	187.7	66.9	-	-	-	-
	67	185.9	132.6	186.7	118.5	184.7	102.8	184.1	86.5	182.6	71.5	-	-	176.8	127.6	175.7	113.0	174.1	96.9	171.4	80.5	170.9	66.9	-	-
	62	170.5	146.8	169.3	132.5	168.3	117.0	165.6	100.8	163.4	83.8	163.8	69.8	163.3	142.0	160.9	125.9	159.4	110.9	157.7	96.0	156.5	81.7	156.0	66.5
	57	170.9	148.6	161.4	140.4	154.2	130.0	152.8	114.3	151.7	100.3	150.1	84.8	163.5	142.2	154.4	134.3	145.5	124.0	144.3	109.2	144.5	95.5	141.7	80.1
8250	77	233.6	113.7	229.6	93.8	229.2	73.8	-	-	-	-	-	-	221.4	107.8	219.7	89.8	218.0	70.1	-	-	-	-	-	-
	72	213.6	130.0	212.3	112.6	212.7	94.3	210.8	75.1	-	-	-	-	204.7	126.4	202.0	107.1	200.9	89.1	198.8	70.9	-	-	-	-
	67	196.9	148.9	197.2	132.1	195.9	112.4	195.5	93.5	194.2	76.0	-	-	187.5	143.5	186.3	124.7	184.2	105.7	182.6	88.9	181.1	70.9	-	-
	62	186.6	162.3	180.7	147.7	178.9	129.1	176.3	110.4	176.1	91.9	174.3	74.3	178.3	155.1	170.2	140.6	169.4	123.8	167.3	104.7	166.2	88.2	164.5	70.1
	57	187.6	163.1	176.7	153.6	166.7	144.9	163.0	127.5	161.3	109.4	159.9	91.7	178.5	155.2	168.4	146.5	158.8	138.1	154.0	121.9	152.4	104.7	150.7	86.5
9625	77	242.6	122.4	240.1	100.2	240.7	79.5	-	-	-	-	-	-	227.9	115.0	226.0	94.3	226.4	74.8	-	-	-	-	-	-
	72	224.4	144.4	222.4	121.8	222.5	100.6	220.3	78.5	-	-	-	-	212.9	137.0	211.0	115.6	206.9	93.6	206.8	73.7	-	-	-	-
	67	207.3	165.9	206.2	143.5	205.1	121.3	203.0	100.6	202.4	79.2	-	-	194.4	157.2	195.1	137.4	192.7	115.6	191.2	94.8	188.8	73.9	-	-
	62	199.7	173.7	189.1	162.8	187.2	141.6	185.9	119.6	184.1	99.2	182.2	77.6	191.0	166.1	180.3	155.2	177.3	135.7	175.6	114.5	172.5	93.0	171.8	73.2
	57	200.8	174.6	188.7	164.1	178.4	155.2	171.8	140.4	168.5	118.7	165.9	96.7	190.8	165.9	180.5	156.9	169.9	147.8	161.6	133.5	158.6	111.7	157.9	93.3
11000	77	251.2	131.1	250.0	106.5	248.1	82.0	-	-	-	-	-	-	237.9	126.2	235.8	100.5	233.5	77.2	-	-	-	-	-	-
	72	232.1	155.4	229.7	129.8	227.4	104.8	227.6	81.1	-	-	-	-	219.8	149.1	217.7	125.0	215.9	101.4	213.2	76.0	-	-	-	-
	67	214.2	178.8	210.7	153.9	212.1	131.0	206.5	104.1	209.3	81.9	-	-	203.4	171.6	200.4	146.3	199.5	123.2	198.3	100.0	195.0	76.3	-	-
	62	211.4	183.9	199.7	173.7	194.7	154.1	192.1	128.6	190.6	104.4	188.1	80.2	201.8	175.5	190.6	165.8	183.8	145.5	181.5	123.1	179.8	100.1	176.2	75.1
	57	211.4	183.9	199.3	173.3	187.7	163.2	177.1	150.9	174.8	127.7	173.3	104.0	201.7	175.4	190.2	165.4	179.1	155.7	167.7	144.4	165.0	120.5	162.8	97.7
12375	77	257.4	138.8	255.2	111.0	254.3	84.0	-	-	-	-	-	-	241.1	132.1	241.8	107.2	237.7	78.6	-	-	-	-	-	-
	72	238.1	165.7	234.3	138.5	236.1	112.9	233.1	85.1	-	-	-	-	225.3	158.7	221.5	131.0	220.9	105.6	218.5	79.8	-	-	-	-
	67	219.5	190.8	219.5	166.1	218.0	138.4	217.4	111.5	214.7	85.9	-	-	211.8	184.1	206.8	158.3	204.0	131.3	202.6	105.7	199.9	80.0	-	-
	62	220.4	191.7	209.4	182.1	200.4	163.8	197.9	135.9	196.0	110.8	193.5	84.1	211.3	183.8	199.3	173.3	189.1	156.2	186.4	129.7	184.8	104.5	181.9	79.1
	57	222.2	193.2	208.3	181.2	196.6	170.9	184.4	160.3	179.8	134.5	178.2	108.4	211.0	183.5	198.8	172.8	187.0	162.6	174.8	152.0	169.9	128.5	168.0	103.7
13750	77	263.2	146.5	261.9	116.2	259.5	85.7	-	-	-	-	-	-	249.3	140.9	247.0	111.7	243.1	82.4	-	-	-	-	-	-
	72	243.7	178.0	239.9	146.0	240.8	117.2	238.1	87.0	-	-	-	-	231.3	168.9	228.8	139.3	223.2	108.7	222.9	81.4	-	-	-	-
	67	230.1	200.1	223.1	176.5	223.1	147.4	222.3	117.9	219.4	87.8	-	-	219.7	191.1	212.3	168.0	207.7	139.0	207.1	109.8	204.8	81.9	-	-
	62	230.0	200.0	216.2	188.0	204.8	174.5	202.2	144.2	200.4	115.0	197.7	85.9	219.4	190.8	206.3	179.4	194.0	165.3	188.4	136.0	188.9	110.1	185.4	80.6
	57	230.5	200.4	217.2	188.9	203.8	177.3	191.2	166.2	184.7	142.9	182.4	114.2	218.6	190.1	205.5	178.7	193.8	168.5	181.6	157.9	173.6	135.8	171.7	107.5

Table 39: KD28 HGRH capacity performance, 75°F to 85°F

Air on evap. coil		Temperature Of Air On Condenser Coil																							
		Return Dry Bulb Temp (°F)												Return Dry Bulb Temp (°F)											
CFM	WB (°F)	90		85		80		75		70		65		90		85		80		75		70		65	
		TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH	TC MBH	SC MBH
		75 (°F)												85 (°F)											
6875	77	196.9	92.5	193.6	77.5	195.3	62.8	-	-	-	-	-	-	184.4	88.2	182.5	73.0	181.7	58.5	-	-	-	-	-	-
	72	180.6	106.8	179.1	91.9	178.3	77.5	176.7	63.0	-	-	-	-	169.3	101.6	168.0	86.2	166.4	72.3	165.2	58.9	-	-	-	-
	67	166.1	121.3	164.8	106.0	163.6	91.1	161.9	77.4	160.8	62.9	-	-	154.8	114.4	154.1	100.5	152.9	86.4	151.1	72.2	149.9	58.7	-	-
	62	155.2	134.9	151.5	119.9	150.1	105.7	148.3	90.3	146.7	76.5	146.7	62.5	146.1	127.0	141.2	113.0	140.1	98.7	137.7	85.0	136.8	71.4	135.3	57.7
	57	156.1	135.7	146.4	127.3	137.4	117.1	135.2	103.4	133.9	88.5	132.8	75.0	145.8	126.8	137.9	119.9	129.4	111.4	126.1	96.5	124.8	83.6	123.3	69.7
8250	77	208.1	101.3	206.5	84.4	205.2	66.0	-	-	-	-	-	-	194.3	96.3	193.1	78.9	191.5	61.6	-	-	-	-	-	-
	72	191.1	119.7	190.5	101.0	188.5	83.6	187.0	66.7	-	-	-	-	177.5	111.1	178.2	96.1	174.9	77.6	174.6	62.2	-	-	-	-
	67	176.6	136.7	174.7	118.5	173.3	101.0	171.6	83.6	170.0	66.5	-	-	165.6	128.1	163.1	110.6	161.3	94.0	160.1	78.0	157.3	61.6	-	-
	62	169.0	146.9	160.8	134.3	159.0	116.1	157.6	100.1	155.8	82.6	154.1	65.6	159.2	138.4	150.6	127.1	147.8	109.3	146.7	93.1	145.1	77.0	143.4	61.1
	57	168.1	146.2	159.7	138.9	150.0	130.5	138.8	111.1	142.7	98.0	140.9	80.8	157.6	137.1	150.2	130.6	140.8	122.4	135.6	108.5	131.4	91.4	131.4	76.5
9625	77	215.4	110.5	213.1	88.9	213.6	70.6	-	-	-	-	-	-	201.9	103.6	201.0	85.6	198.8	65.7	-	-	-	-	-	-
	72	200.0	130.5	198.3	110.4	196.8	90.7	194.4	69.3	-	-	-	-	186.7	123.4	185.2	103.1	181.7	83.7	181.2	64.6	-	-	-	-
	67	185.5	150.0	182.4	128.5	181.3	108.8	179.4	88.9	177.3	69.4	-	-	170.4	140.7	170.2	121.4	168.8	102.7	167.1	84.3	164.8	64.5	-	-
	62	181.3	157.6	170.3	148.1	166.5	127.4	164.5	107.3	160.6	86.6	161.1	68.6	170.7	148.5	160.7	139.7	155.0	120.0	150.8	99.7	151.6	83.0	149.4	63.6
	57	181.1	157.4	170.6	148.4	160.4	139.5	151.1	126.1	149.1	106.3	147.7	87.3	168.8	146.8	160.6	139.7	150.4	130.8	140.6	118.6	137.6	99.3	136.8	80.9
11000	77	224.0	118.8	221.6	96.3	219.8	72.6	-	-	-	-	-	-	209.5	113.0	207.2	90.1	204.1	67.4	-	-	-	-	-	-
	72	206.4	141.8	205.0	117.7	203.3	95.5	200.6	71.5	-	-	-	-	192.8	132.4	191.2	111.4	189.3	88.9	186.5	68.1	-	-	-	-
	67	191.7	163.3	187.7	138.8	187.0	117.1	185.1	94.9	182.7	71.5	-	-	180.6	153.9	175.7	131.4	174.5	110.8	172.4	88.5	170.0	66.5	-	-
	62	190.6	165.7	180.1	156.6	172.6	138.1	170.2	115.5	168.3	93.7	166.0	72.2	180.3	156.7	169.0	147.0	160.7	130.0	158.1	108.6	156.4	87.0	152.6	66.4
	57	191.4	166.4	180.2	156.7	169.0	147.0	157.9	136.0	152.3	112.6	152.6	91.5	180.2	156.7	171.2	148.9	154.5	134.3	147.1	126.6	143.1	107.0	141.2	86.0
12375	77	229.5	125.7	227.0	100.7	224.8	74.3	-	-	-	-	-	-	214.1	119.1	212.2	94.1	209.3	69.1	-	-	-	-	-	-
	72	211.4	150.7	208.9	125.4	207.8	99.4	205.0	74.9	-	-	-	-	198.0	142.9	196.0	117.6	193.8	94.4	191.0	69.7	-	-	-	-
	67	199.6	173.6	193.9	150.1	192.0	125.2	189.9	99.1	187.3	74.9	-	-	187.9	163.4	181.5	142.0	178.5	116.4	176.6	93.7	174.2	69.7	-	-
	62	199.7	173.7	187.8	163.3	177.3	148.0	173.8	122.4	172.4	97.4	170.6	74.2	188.0	163.4	176.4	153.4	164.7	138.9	162.5	115.9	160.5	92.1	158.1	68.7
	57	199.6	173.6	188.1	163.5	176.3	153.3	165.3	143.7	158.6	121.3	156.8	96.8	188.4	163.9	174.8	152.0	165.4	143.9	154.4	134.2	145.5	112.6	144.9	90.7
13750	77	233.8	134.2	231.9	104.8	229.4	77.8	-	-	-	-	-	-	218.6	125.5	216.3	99.7	213.2	72.3	-	-	-	-	-	-
	72	216.9	162.2	211.9	130.8	212.4	105.3	209.4	76.5	-	-	-	-	202.8	153.5	200.8	125.7	198.0	98.2	195.1	71.2	-	-	-	-
	67	205.8	179.0	198.9	159.1	196.1	131.3	193.5	104.3	191.0	76.4	-	-	194.4	169.0	182.4	149.1	180.4	122.4	180.4	97.2	177.5	71.0	-	-
	62	206.2	179.3	194.4	169.0	182.6	157.2	178.7	130.5	176.5	102.8	174.0	75.6	195.5	170.0	183.3	159.4	171.1	147.3	166.4	121.5	162.2	94.5	160.7	69.9
	57	207.6	180.5	194.9	169.5	182.8	159.0	170.3	148.1	162.7	128.8	160.1	101.6	195.2	169.8	182.9	159.0	171.3	148.9	159.5	138.7	149.0	119.2	147.9	93.9

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Airflow performance

Table 40: KD15 bottom duct application

Air flow (CFM)	Available external static pressure - IWG																			
	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
	Standard 2 HP and drive								Medium static 3 HP and drive						High static 5 HP and drive					
3900	557	0.51	618	0.84	680	1.16	742	1.48	803	1.79	864	2.07	923	2.33	981	2.55	1036	2.72	1089	2.85
4200	566	0.63	626	0.95	688	1.28	750	1.59	811	1.90	872	2.19	931	2.44	989	2.66	1044	2.84	1097	2.96
4500	575	0.74	636	1.07	697	1.39	759	1.71	821	2.02	881	2.30	941	2.56	998	2.78	1054	2.95	1106	3.08
4800	586	0.87	647	1.19	708	1.51	770	1.83	831	2.14	892	2.42	951	2.68	1009	2.90	1064	3.08	1117	3.20
5100	597	1.00	658	1.32	720	1.65	781	1.97	843	2.27	904	2.56	963	2.81	1021	3.03	1076	3.21	1129	3.33
5400	610	1.14	671	1.47	732	1.79	794	2.11	856	2.42	916	2.70	976	2.96	1033	3.18	1089	3.35	1141	3.48
5700	624	1.30	684	1.62	746	1.95	808	2.26	869	2.57	930	2.86	989	3.11	1047	3.33	1102	3.51	1155	3.63
6000	638	1.47	699	1.79	760	2.11	822	2.43	884	2.74	944	3.02	1004	3.28	1061	3.50	1117	3.68	1169	3.80
6300	653	1.65	714	1.97	776	2.30	837	2.61	899	2.92	960	3.21	1019	3.46	1077	3.68	1132	3.86	1185	3.98
6600	669	1.84	730	2.17	792	2.49	854	2.81	915	3.12	976	3.40	1035	3.66	1093	3.88	1148	4.05	1201	4.18
6900	686	2.05	747	2.38	809	2.70	870	3.02	932	3.33	992	3.61	1052	3.87	1109	4.09	1165	4.26	1218	4.39
7200	704	2.28	764	2.60	826	2.92	888	3.24	949	3.55	1010	3.83	1069	4.09	1127	4.31	1182	4.49	1235	4.61
7500	722	2.51	783	2.84	844	3.16	906	3.48	967	3.79	1028	4.07	1087	4.33	1145	4.55	1200	4.72	1253	4.85

Note:

1. Blower performance includes gas heat exchangers and 2 in. filters. See STATIC RESISTANCE table for additional applications.
2. See RPM SELECTION table to determine desired motor sheave setting and to determine the maximum continuous BHP.
3. kW = BHP x 0.968

Table 41: KD18 bottom duct application

Air flow (CFM)	Available external static pressure - IWG																			
	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
	Standard static 3 HP and drive								Med static 5 HP and drive								High static 7.5 HP and drive			
4600	625	0.59	679	1.00	735	1.37	790	1.70	845	2.00	900	2.28	954	2.56	1008	2.83	1062	3.11	1114	3.41
5000	635	0.78	690	1.19	745	1.56	801	1.89	856	2.19	911	2.47	965	2.75	1019	3.02	1072	3.30	1125	3.60
5400	648	1.00	703	1.41	758	1.77	813	2.10	868	2.40	923	2.69	977	2.96	1031	3.24	1085	3.52	1137	3.82
5800	662	1.24	716	1.65	771	2.01	827	2.34	882	2.64	937	2.93	991	3.20	1045	3.47	1099	3.76	1151	4.06
6200	677	1.50	732	1.91	787	2.27	842	2.60	897	2.91	952	3.19	1007	3.46	1061	3.74	1114	4.02	1167	4.32
6600	695	1.79	749	2.20	804	2.56	860	2.89	915	3.19	970	3.48	1024	3.75	1078	4.02	1131	4.31	1184	4.61
7000	714	2.10	768	2.51	824	2.87	879	3.20	934	3.50	989	3.79	1043	4.06	1097	4.34	1151	4.62	1203	4.92
7400	735	2.43	789	2.84	844	3.21	900	3.54	955	3.84	1010	4.12	1064	4.40	1118	4.67	1172	4.95	1224	5.25
7800	757	2.79	812	3.20	867	3.57	922	3.89	977	4.20	1032	4.48	1087	4.75	1141	5.03	1194	5.31	1247	5.61
8200	782	3.17	836	3.58	891	3.95	947	4.27	1002	4.58	1057	4.86	1111	5.13	1165	5.41	1219	5.69	1271	5.99
8600	808	3.57	862	3.98	918	4.35	973	4.67	1028	4.98	1083	5.26	1137	5.53	1191	5.81	1245	6.09	1297	6.39
9000	835	3.99	890	4.40	945	4.77	1000	5.10	1056	5.40	1111	5.68	1165	5.96	1219	6.23	1272	6.51	1325	6.81

Note:

1. Blower performance includes gas heat exchangers and 2 in. filters. See STATIC RESISTANCE table for additional applications.
2. See RPM SELECTION table to determine desired motor sheave setting and to determine the maximum continuous BHP.
3. kW = BHP x 0.929

Table 42: KD20 bottom duct application

Air flow (CFM)	0.2		0.4		0.6		0.8		1		1.2		1.4		1.6		1.8		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard static 5 HP and drive								Medium static 5 HP and drive											
5000	622	0.83	713	1.32	792	1.73	863	2.07	927	2.36	986	2.62	1041	2.85	1093	3.08	1142	3.31	1189	3.58
5500	651	1.13	739	1.62	815	2.03	884	2.37	946	2.66	1005	2.92	1059	3.15	1110	3.38	1158	3.61	1205	3.88
6000	681	1.45	764	1.94	839	2.35	906	2.69	967	2.98	1024	3.24	1077	3.47	1127	3.70	1175	3.93	1221	4.20
6500	711	1.79	791	2.28	863	2.69	928	3.03	988	3.32	1044	3.58	1096	3.81	1146	4.04	1193	4.27	1238	4.54
7000	742	2.16	820	2.65	889	3.06	953	3.40	1011	3.69	1066	3.94	1117	4.18	1165	4.40	1212	4.64	1256	4.90
7500	775	2.55	850	3.04	917	3.45	979	3.79	1036	4.08	1089	4.34	1139	4.57	1187	4.80	1232	5.03	1276	5.30
8000	811	2.98	882	3.47	947	3.88	1007	4.22	1062	4.51	1114	4.76	1164	4.99	1210	5.22	1255	5.46	1298	5.72
8500	848	3.43	917	3.93	979	4.34	1037	4.68	1091	4.97	1142	5.22	1190	5.45	---	---	---	---	---	---
9000	888	3.93	954	4.42	1014	4.83	1070	5.17	1123	5.46	1172	5.72	---	---	---	---	---	---	---	---
9500	930	4.57	993	4.96	1052	5.37	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10000	976	5.25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	High Static 7.5 HP & drive																			

Note:

1. Blower performance includes gas heat exchangers and 2 in. filters. See STATIC RESISTANCE table for additional applications.
2. See RPM SELECTION table to determine desired motor sheave setting and to determine the maximum continuous BHP.
3. kW = BHP x 0.929

Table 43: KD25 bottom duct application

Air flow (CFM)	0.2		0.4		0.6		0.8		1		1.2		1.4		1.6		1.8		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard static 5 HP and drive												Medium static 7.5 HP and drive						High static 10 HP and drive	
6500	733	1.63	793	1.92	854	2.26	913	2.65	971	3.06	1026	3.47	1078	3.88	1126	4.27	1171	4.61	1212	4.90
7000	774	2.08	831	2.36	889	2.71	946	3.09	1002	3.50	1055	3.92	1106	4.33	1153	4.71	1197	5.06	1237	5.34
7500	816	2.57	870	2.86	925	3.21	980	3.59	1034	4.00	1086	4.42	1135	4.83	1182	5.21	1224	5.55	1263	5.84
8000	858	3.12	910	3.41	963	3.75	1016	4.14	1068	4.54	1118	4.96	1166	5.37	1211	5.75	1253	6.10	1291	6.39
8500	900	3.70	950	3.99	1001	4.33	1052	4.72	1102	5.13	1151	5.54	1198	5.95	1242	6.34	1282	6.68	1319	6.97
9000	942	4.32	990	4.60	1039	4.95	1088	5.33	1137	5.74	1184	6.16	1229	6.57	1272	6.95	1312	7.30	1348	7.59
9500	983	4.95	1028	5.24	1076	5.59	1123	5.97	1171	6.38	1217	6.80	1261	7.21	1303	7.59	1341	7.94	---	---
10000	1022	5.61	1066	5.89	1112	6.24	1158	6.62	1204	7.03	1249	7.45	1292	7.86	---	---	---	---	---	---
10500	1059	6.26	1102	6.55	1146	6.90	1191	7.28	1236	7.69	1279	8.11	---	---	---	---	---	---	---	---
11000	1095	6.92	1136	7.20	1179	7.55	1222	7.93	---	---	---	---	---	---	---	---	---	---	---	---
11500	1127	7.55	1167	7.84	1209	8.19	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12000	1157	8.17	1196	8.45	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12500	1183	8.74	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	High static 10 HP and drive																			

Note:

1. Blower performance includes gas heat exchangers and 2 in. filters. See STATIC RESISTANCE table for additional applications.
2. See RPM SELECTION table to determine desired motor sheave setting and to determine the maximum continuous BHP.
3. kW = BHP x 0.929

Table 44: KD28 bottom duct application

Air flow (CFM)	0.2		0.4		0.6		0.8		1		1.2		1.4		1.6		1.8		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard static 7.5 HP and drive														Medium static 10 HP and drive					
7000	774	2.35	831	2.68	889	3.07	946	3.51	1002	3.97	1055	4.45	1106	4.91	1153	5.35	1197	5.74	1237	6.06
7500	816	2.92	870	3.25	925	3.64	980	4.07	1034	4.54	1086	5.01	1135	5.47	1182	5.91	1224	6.30	1263	6.63
8000	858	3.54	910	3.86	963	4.25	1016	4.69	1068	5.15	1118	5.63	1166	6.09	1211	6.53	1253	6.92	1291	7.24
8500	900	4.20	950	4.53	1001	4.92	1052	5.35	1102	5.82	1151	6.29	1198	6.75	1242	7.19	1282	7.58	1319	7.91
9000	942	4.90	990	5.22	1039	5.61	1088	6.05	1137	6.51	1184	6.99	1229	7.45	1272	7.89	1312	8.28	1348	8.60
9500	983	5.62	1028	5.95	1076	6.34	1123	6.77	1171	7.24	1217	7.71	1261	8.17	1303	8.61	1341	9.00	1377	9.33
10000	1022	6.36	1066	6.69	1112	7.08	1158	7.51	1204	7.98	1249	8.45	1292	8.91	1332	9.35	1371	9.74	1405	10.07
10500	1059	7.10	1102	7.43	1146	7.82	1191	8.26	1236	8.72	1279	9.20	1321	9.66	1361	10.10	1399	10.49	1433	10.81
11000	1095	7.84	1136	8.17	1179	8.56	1222	9.00	1266	9.46	1309	9.94	1350	10.40	1389	10.84	---	---	---	---
11500	1127	8.57	1167	8.89	1209	9.29	1252	9.72	1294	10.19	1336	10.66	---	---	---	---	---	---	---	---
12000	1157	9.26	1196	9.59	1237	9.98	1279	10.42	---	---	---	---	---	---	---	---	---	---	---	---
12500	1183	9.92	1222	10.25	1262	10.64	1303	11.17	---	---	---	---	---	---	---	---	---	---	---	---
13000	1206	10.52	1244	10.97	1283	11.55	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13500	1225	11.29	1262	11.93	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14000	1240	12.28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	High static 12 HP and drive																			

Note:

1. Blower performance includes gas heat exchangers and 2 in. filters. See STATIC RESISTANCE table for additional applications.
2. See RPM SELECTION table to determine desired motor sheave setting and to determine the maximum continuous BHP.
3. kW = BHP x 0.819

Selecting the RPM and static resistance

Table 45: RPM selection

Model	HP	Max BHP	Motor sheave	Blower sheave	6 turns open	5 turns open	4 turns open	3 turns open	2 turns open	1 turn open	Fully closed
KD15	2.0	2.30	1VL44	1B5V90	NA	596	636	676	716	756	796
	3.0	3.45	1VL44	1B5V74	NA	729	778	826	875	923	972
	5.0	5.75	1VM50	1B5V66	964	1015	1065	1116	1166	1217	NA
KD18	3.0	3.45	1VL44	1B5V86	NA	625	667	709	750	792	834
	5.0	5.75	1VM50	1B5V74	822	865	908	952	995	1038	NA
	7.5	8.63	1VP60	1B5V74	1068	1114	1159	1205	1250	1296	1341
KD20	5.0	5.75	1VM50	1B5V66	723	761	799	837	875	913	NA
	5.0	5.75	1VM50	1B5V74	924	973	1021	1070	1118	1167	NA
	7.5	8.63	1VP60	1B5V80	1056	1101	1146	1191	1236	1281	1326
KD25	5.0	5.75	1VM50	1B5V80	801	843	885	927	969	1011	NA
	7.5	8.63	1VP60	1B5V80	933	973	1013	1053	1092	1132	1172
	10.0	11.50	1VP60	1B5V70	1158	1207	1257	1306	1355	1405	1454
KD28	7.5	8.63	1VP71	1B5V110	902	941	979	1018	1056	1095	1133
	10.0	11.50	1VP65	1B5V86	1046	1086	1126	1167	1207	1247	1287
	12.0	13.80	1VP71	1B5V86	1167	1207	1247	1288	1328	1368	1408

Table 46: Additional static resistance

Model	CFM	Cooling only	Reheat coil	Economizer	Electric heat kW			4 in. MERV 13	2 in. MERV 8	2 in. MERV 13
					25	50	75			
KD15 KD18 KD20	4000	0.09	0.03	0.01	0	0.01	0.02	0.05	0.05	0.05
	5000	0.11	0.05	0.02	0.03	0.03	0.04	0.06	0.05	0.06
	6000	0.15	0.06	0.07	0.04	0.04	0.05	0.07	0.06	0.07
	7000	0.2	0.07	0.11	0.05	0.06	0.07	0.09	0.07	0.09
	8000	0.28	0.09	0.14	0.07	0.08	0.09	0.12	0.09	0.12
	9000	0.38	0.1	0.15	0.09	0.1	0.11	0.14	0.11	0.14
	10000	0.49	0.11	0.16	0.12	0.13	0.14	0.18	0.13	0.18

Table 46: Additional static resistance

Model	CFM	Cooling only	Reheat coil	Economizer	Electric heat kW			4 in. MERV 13	2 in. MERV 8	2 in. MERV 13
					25	50	75			
KD25 KD28	7000	0.2	0.04	0.11	0.05	0.06	0.07	0.07	0.06	0.07
	8000	0.28	0.06	0.13	0.07	0.08	0.09	0.09	0.07	0.09
	9000	0.38	0.07	0.16	0.09	0.1	0.11	0.10	0.08	0.10
	10000	0.49	0.08	0.19	0.12	0.13	0.14	0.13	0.09	0.13
	11000	0.6	0.1	0.23	0.18	0.2	0.22	0.15	0.11	0.15
	12000	0.7	0.11	0.28	0.26	0.29	0.32	0.18	0.13	0.18
	13000	0.76	0.13	0.34	0.38	0.41	0.45	0.21	0.14	0.21
	14000	0.8	0.14	0.43	0.51	0.56	0.6	0.24	0.17	0.24

Note:

- For cooling only models, add the cooling only value to the available static resistance in the respective blower performance tables.
- For models with electric heat, add the electric heat value for your heater size to the available static resistance in the respective blower performance tables.
- If the unit contains a reheat coil or economizer, deduct the corresponding value from the available external static pressure shown in the respective blower performance tables.
- 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 delivers less CFM during full economizer operation.

Selecting the drive

1. Determine the required airflow.
2. Calculate or measure the amount of external static pressure.
3. With the operating point determined from the previous steps, locate this point on the appropriate supply air blower performance table. Linear interpolation may be necessary.
4. Note the RPM and BHP from the previous step and locate the appropriate motor and/or drive.
5. Review the BHP compared to the motor options available. Select the appropriate motor and/or drive.
6. Review the RPM range for the motor options available. Select the appropriate drive if multiple drives are available for the chosen motor.
7. Determine the turns open to obtain the required operation point.

Example:

1. 5100 CFM
2. 0.8 iwg
3. Using the supply air blower performance table below, the following data point was located: 781 RPM and 1.97 BHP.
4. Using the RPM selection table below, Size X and Model Y is found.
5. 1.97 BHP does not exceed the maximum continuous BHP rating of any of the 3 motor options, so all 3 motors are still eligible for selection.
6. 781 RPM falls within the range of the 3 HP drive.
7. Using the 3 HP motor, 3.5 turns open achieves 781 RPM.

Table 47: Example supply air blower performance

Air flow (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
	Standard 2 HP and drive				Medium static 3 HP and drive								High static 5 HP and drive							
4500	575	0.74	636	1.07	697	1.39	759	1.71	821	2.02	881	2.30	941	2.56	998	2.78	1054	2.95	1106	3.08
4800	586	0.87	647	1.19	708	1.51	770	1.83	831	2.14	892	2.42	951	2.68	1009	2.90	1064	3.08	1117	3.20
5100	597	1.00	658	1.32	720	1.65	781	1.97	843	2.27	904	2.56	963	2.81	1021	3.03	1076	3.21	1129	3.33
5400	610	1.14	671	1.47	732	1.79	794	2.11	856	2.42	916	2.70	976	2.96	1033	3.18	1089	3.35	1141	3.48
															High static 5 HP and field supplied drive					

Note:

1. Blower performance includes gas heat exchangers and 2 in. filters. See the Static Resistance table for additional applications. See the RPM selection table to determine the required motor sheave setting and to determine the maximum continuous BHP. kW = BHP x 0.833

Table 48: Example RPM selection

Model	HP	Max BHP	Motor sheave	Blower sheave	6 turns open	5 turns open	4 turns open	3 turns open	2 turns open	1 turn open	Fully closed
KD15	2.0	2.30	1VP40	AK89	N/A	487	528	568	609	649	690
	3.0	3.45	1VP40	BK77	656	705	753	802	851	899	948
	5.0	5.75	1VP60	BK100	789	826	862	899	936	972	1009

Airflow specifications

Table 49: 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

Figure 3: Altitude/temperature correction factors

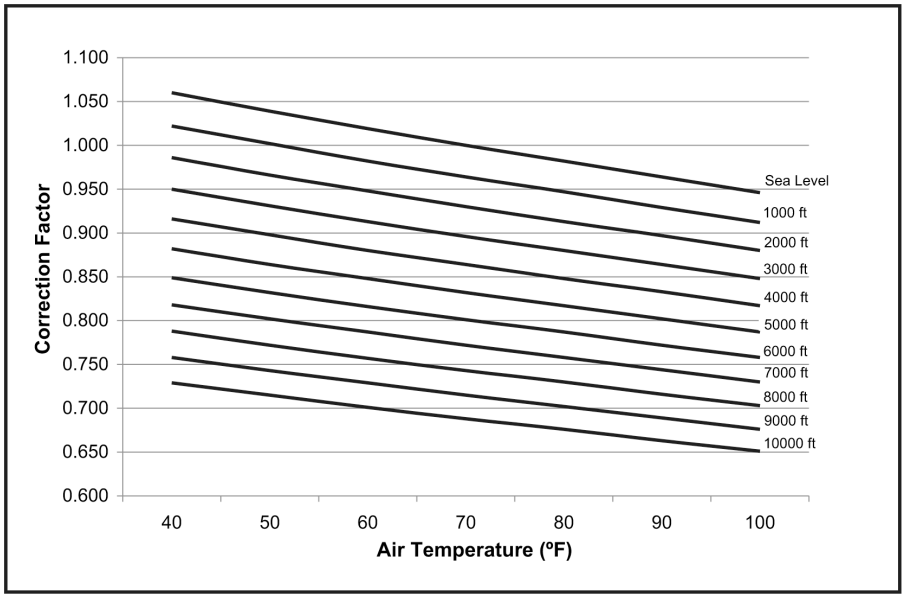


Table 50: Gas heat allowable air flow

Unit		Supply air (CFM)	
Size (tons)	Heat size	Min	Max
KD15 (15)	(N,S)1	3660	7500
	(N,S)3	4620	7500
	T3	3500	7500
KD18 (17.5)	(N,S)1	3660	8750
	(N,S)3	4620	8750
	T3	3500	8750
KD20 (20)	(N,S)1	3660	10000
	(N,S)3	4620	10000
	T3	3500	10000
KD25 (25)	(N,S)1	4120	12500
	(N,S)3	5450	12500
	T3	5000	12500
KD28 (27.5)	(N,S)1	4120	13750
	(N,S)3	5450	13750
	T3	5000	13750

⚠ CAUTION

For units with VFD and staged gas heat, the speed of the indoor blower motor continues to be controlled by duct static pressure through the VAV control board. If there are VAV boxes present in the duct system, the boxes must be driven to the full-open position using a customer-supplied power source to ensure adequate airflow across the gas heat furnace.

Table 51: Electric heat minimum air flow requirements

Size (tons)	Heat size		
	75 kW	50 kW	25 kW
KD15 (15)	6000	4500	4500
KD18 (17.5)	6000	5250	5250
KD20 (20)	6000	6000	6000
KD25 (25)	7500	7500	7500
KD28 (27.5)	8250	8250	8250

⚠ CAUTION

For units with VFD and electric heat, the speed of the indoor blower motor continues to be controlled by duct static pressure through the VAV control board. If there are VAV boxes present in the duct system, the boxes must be driven to the full-open position using a customer-supplied power source to ensure adequate airflow across the electric heating elements.

Table 52: Indoor blower specifications

Model	Static option	Motor					Motor sheave			Blower sheave			Belt
		HP	RPM	Eff.	SF	Frame	Datum dia. (in.)	New Mtr Shv	Bore (in.)	Datum dia. (in.)	Bore (in.)	Blower sheave	
KD15 (15)	Low	2.0	1756	0.77	1.15	56	2.8 - 3.8	1VL44	7/8	8.6	1-7/16	1B5V90	AX41
	Medium	3.0	1749	0.82	1.15	56	2.8 - 3.8	1VL44	7/8	7	1-7/16	1B5V74	AX41
	High	5.0	1726	0.80	1.15	145T	3.7 - 4.7	1VM50	7/8	6.6	1-7/16	1B5V66	BX40
KD18 (17.5)	Low	3.0	1749	0.82	1.15	56	2.8 - 3.8	1VL44	7/8	8.2	1-7/16	1B5V86	BX40
	Medium	5.0	1726	0.80	1.15	145T	3.7 - 4.7	1VM50	7/8	7.4	1-7/16	1B5V74	BX40
	High	7.5	1766	0.91	1.15	213T	4.3 - 5.5	1VP60	1-3/8	7.4	1-7/16	1B5V74	BX43
KD20 (20)	Low	5.0	1726	0.80	1.15	145T	3.7 - 4.7	1VM50	7/8	9	1-7/16	1B5V90	BX43
	Medium	5.0	1726	0.80	1.15	145T	3.7 - 4.7	1VM50	7/8	7.4	1-7/16	1B5V74	BX40
	High	7.5	1766	0.91	1.15	213T	4.3 - 5.5	1VP60	1-3/8	8	1-7/16	1B5V80	BX43
KD25 (25)	Low	5.0	1726	0.80	1.15	145T	3.7 - 4.7	1VM50	7/8	8	1-7/16	1B5V80	BX43
	Medium	7.5	1766	0.91	1.15	213T	4.3 - 5.5	1VP60	1-3/8	8	1-7/16	1B5V80	BX43
	High	10.0	1768	0.92	1.15	215T	4.3 - 5.5	1VP60	1-3/8	7	1-7/16	1B5V70	5VX450
KD28 (27.5)	Low	7.5	1766	0.91	1.15	213T	5.4 - 6.6	1VP71	1-3/8	11	1-7/16	1B5V110	BX50
	Medium	10.0	1768	0.92	1.15	215T	4.8 - 6.0	1VP65	1-3/8	8.7	1-7/16	1B5V86	BX43
	High	12.0	1760	0.92	1.15	215T	5.4 - 6.6	1VP71	1-3/8	8.7	1-7/16	1B5V86	5VX450

Table 53: Standard CFM constant volume power exhaust (208V) airflow

Motor speed	Available return static - IWG																	
	0.1			0.2			0.3			0.4			0.5			0.6		
	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM
Low	3029	1150	809	2978	1116	878	2913	1093	924	2828	1061	956	2716	1014	982	-	-	-
Med.	3293	1280	868	3196	1224	915	3093	1179	948	2982	1129	980	2852	1075	1009	-	-	-
High	3794	1527	968	3628	1437	1006	3501	1386	1023	3345	1323	1040	3170	1260	1057	-	-	-

Table 54: Standard CFM constant volume power exhaust (230, 460, 575V) airflow

Motor speed	Available return static - IWG																	
	0.1			0.2			0.3			0.4			0.5			0.6		
	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM
Low	3395	1308	886	3297	1265	937	3191	1228	969	3071	1171	990	2931	1105	1010	2765	1076	1039
Med.	3667	1454	940	3518	1368	983	3386	1307	1008	3251	1257	1026	3103	1207	1041	2944	1148	1051
High	4093	1702	1044	3910	1637	1064	3754	1576	1074	3577	1503	1086	3367	1430	1096	3152	1360	1105

Note:

- The following values represent the maximum power exhaust capability (maximum motor speed @ 10 VDC input signal from building pressure sensor [0-1 in. WC, 0-10 VDC])
- Airflow, watts, and RPM modulate as building pressure fluctuates below 1 in. WC

Table 55: Standard CFM modulating power exhaust airflow

Motor speed	Available return static - IWG																	
	0.1			0.2			0.3			0.4			0.5			0.6		
	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM
Max. (10 VDC)	3054	498	740	3152	630	829	3227	751	902	3278	861	962	3302	957	1012	3300	1039	1056

Table 56: Standard CFM modulating power exhaust airflow - continued

Motor speed	Available return static - IWG																	
	0.7			0.8			0.9			1.0			1.1			1.2		
	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM
Max. (10 VDC)	3273	1107	1096	3222	1162	1133	3149	1204	1168	3060	1236	1202	2958	1259	1235	2849	1277	1266

Table 57: High CFM constant volume and modulating power exhaust (208V) airflow - field-installed only

CFM	Available external static pressure - IWG											
	0		0.1		0.2		0.3		0.4		0.5	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2500	-	-	-	-	-	-	494	0.68	532	0.74	527	0.89
2750	-	-	-	-	-	-	511	0.71	549	0.78	543	0.93
3000	-	-	-	-	471	0.76	529	0.80	567	0.86	562	1.01
3250	-	-	-	-	492	0.87	549	0.91	587	0.97	582	1.12
3500	-	-	459	0.95	513	1.00	571	1.03	-	-	-	-
3750	-	-	482	1.08	536	1.14	-	-	-	-	-	-
4000	479	1.09	506	1.22	560	1.27	-	-	-	-	-	-
4250	504	1.22	531	1.35	585	1.40	-	-	-	-	-	-
4500	530	1.34	557	1.47	-	-	-	-	-	-	-	-
4750	556	1.45	583	1.59	-	-	-	-	-	-	-	-
5000	583	1.56	-	-	-	-	-	-	-	-	-	-

Table 58: High CFM constant volume and modulating power exhaust (230, 460, 575V) airflow - field-installed only

CFM	Available external static pressure - IWG											
	0		0.1		0.2		0.3		0.4		0.5	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2500	-	-	-	-	-	-	488	0.84	531	0.86	541	0.70
2750	-	-	-	-	-	-	508	0.93	550	0.94	560	0.78
3000	-	-	-	-	471	0.91	527	1.02	569	1.04	580	0.87
3250	-	-	-	-	491	1.01	547	1.12	589	1.13	-	-
3500	-	-	457	0.99	512	1.11	568	1.22	-	-	-	-
3750	-	-	480	1.09	534	1.22	591	1.32	-	-	-	-
4000	469	1.14	504	1.20	558	1.32	-	-	-	-	-	-
4250	495	1.25	529	1.31	583	1.44	-	-	-	-	-	-
4500	522	1.37	557	1.43	-	-	-	-	-	-	-	-
4750	551	1.49	586	1.55	-	-	-	-	-	-	-	-
5000	582	1.61	-	-	-	-	-	-	-	-	-	-

Table 59: Electric heat multipliers

Voltage		kW Capacity multipliers[1]
Nominal	Applied	
240	208	0.75
	230	0.92
480	460	0.92
600	575	0.92

Note:

1. Electric heaters are rated at nominal voltage. Use this table to determine the electric heat capacity for heaters applied at lower voltages.

Sound performance tables

Table 60: Indoor sound performance

Size (tons)	CFM	Type	Sound power, dB (10^{-12}) watts							
			Octave band centerline frequency (Hz)							
			63	125	250	500	1000	2000	4000	8000
KD15 (15)	6000	Ducted discharge	84	80	78	75	72	71	68	63
		Ducted inlet	85	77	75	73	72	69	64	60
KD18 (17.5)	7000	Ducted discharge	86	82	80	78	76	75	72	64
		Ducted inlet	86	76	73	70	69	66	62	59
KD20 (20)	8000	Ducted discharge	90	85	81	81	80	79	76	68
		Ducted inlet	89	75	71	63	64	59	56	48
KD25 (25)	10000	Ducted discharge	95	88	85	83	83	82	79	72
		Ducted inlet	93	80	73	68	68	63	58	47
KD28 (27.5)	11000	Ducted discharge	98	90	87	84	84	82	79	72
		Ducted inlet	96	82	72	69	68	62	57	46

Note:

- Tested in accordance with AHRI 260-2017.
- Ratings include duct end correction E1.
- Ratings include compressor noise.

Table 61: Outdoor sound performance

Size (tons)	Sound power, dB (10^{-12}) watts								
	Sound rating dB (A)	Octave band centerline frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
KD15 (15)	85	89	85.5	83	83.5	80.5	76	72.5	67.5
KD18 (17.5)	85	92.5	86.5	83	83	80	76.5	73	68.5
KD20 (20)	82	95	88	80	77.5	76.5	74	71.5	67.5
KD25 (25)	84	94	87	80	79.5	78.5	76.5	73	70.5
KD28 (27.5)	86	92.5	87.5	84.5	84	81	78	74	71

Note:

- Tested in accordance with AHRI 370-2015.
- Ratings include compressor noise.

Electrical data tables

The following note applies to all electrical data tables.

- MCA = minimum circuit ampacity
- f/b = fuse/breaker
- Fuse is a dual element, time delay type
- Breaker is a HACR type per NEC

VFD 2 stage standard static

Table 62: KD15 to KD28 VFD 2 stage standard static without power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b size (A)	Min Disconnect Rating		MCAw/ 120V trans	Max f/ b size w/ 120V trans	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	25.0	190	25.0	190	2.1	13.2	9.6	None	-	-	-	73.7	90	78	452	83.3	100	89	461
									2EH04502525	18.8	1	52.1	81.6	90	78	452	93.6	100	89	461
									2EH04505025	37.6	2	104.3	146.9	150	135	452	158.9	175	146	461
									2EH04507525	56.3	2	156.2	172.7	200	195	452	184.7	200	206	461
	230-3-60	25.0	190	25.0	190	2.1	13.2	8.7	None	-	-	-	73.7	90	78	459	82.4	100	88	468
									2EH04502525	23.0	1	57.7	88.6	90	82	459	99.5	100	92	468
									2EH04505025	45.9	2	115.2	160.5	175	148	459	171.4	175	158	468
									2EH04507525	68.9	2	172.9	189.4	225	214	459	200.3	225	224	468
	460-3-60	12.2	100	12.2	100	1.1	6.1	4.3	None	-	-	-	35.8	45	38	240	40.1	50	43	244
									2EH04502546	23.0	1	28.8	43.6	45	40	240	49.0	50	45	244
									2EH04505046	45.9	2	57.6	79.6	80	73	240	85.0	90	78	244
									2EH04507546	68.9	2	86.4	94.0	110	106	240	99.4	110	111	244
	575-3-60	9.3	72	9.3	72	0.9	4.9	3.5	None	-	-	-	27.6	35	29	174	31.1	40	33	178
									2EH04502558	23.0	1	23.0	34.9	35	32	174	39.3	40	36	178
									2EH04505058	45.9	2	46.0	63.6	70	59	174	68.0	70	63	178
									2EH04507558	68.9	2	69.1	75.2	90	85	174	79.6	90	89	178
18 (17.5)	208-3-60	27.6	203	32.7	267	2.1	13.2	9.6	None	-	-	-	85.9	110	89	553	95.5	125	100	562
									2EH04502525	18.8	1	52.1	85.9	110	89	553	95.5	125	100	562
									2EH04505025	37.6	2	104.3	146.9	150	135	553	158.9	175	146	562
									2EH04507525	56.3	2	156.2	172.7	200	195	553	184.7	200	206	562
	230-3-60	27.6	203	32.7	267	2.1	13.2	8.7	None	-	-	-	85.9	110	89	561	94.6	125	99	569
									2EH04502525	23.0	1	57.7	88.6	110	89	561	99.5	125	99	569
									2EH04505025	45.9	2	115.2	160.5	175	148	561	171.4	175	158	569
									2EH04507525	68.9	2	172.9	189.4	225	214	561	200.3	225	224	569
	460-3-60	14.1	98	16.0	142	1.1	6.1	4.3	None	-	-	-	42.4	50	44	286	46.7	60	49	290
									2EH04502546	23.0	1	28.8	43.6	50	44	286	49.0	60	49	290
									2EH04505046	45.9	2	57.6	79.6	80	73	286	85.0	90	78	290
									2EH04507546	68.9	2	86.4	94.0	110	106	286	99.4	110	111	290
	575-3-60	11.5	84	14.1	103	0.9	4.9	3.5	None	-	-	-	35.8	45	37	231	39.3	50	41	235
									2EH04502558	23.0	1	23.0	35.8	45	37	231	39.3	50	41	235
									2EH04505058	45.9	2	46.0	63.6	70	59	231	68.0	70	63	235
									2EH04507558	68.9	2	69.1	75.2	90	85	231	79.6	90	89	235
20 (20)	208-3-60	32.7	267	39.1	267	2.0	20.4	9.6	None	-	-	-	110.0	125	115	654	119.6	150	126	664
									2EH04502525	18.8	1	52.1	110.0	125	115	654	119.6	150	126	664
									2EH04505025	37.6	2	104.3	155.9	175	143	654	167.9	175	154	664
									2EH04507525	56.3	2	156.2	181.7	200	203	654	193.7	200	214	664
	230-3-60	32.7	267	39.1	267	2.3	20.4	8.7	None	-	-	-	111.2	150	117	656	119.9	150	127	664
									2EH04502525	23.0	1	57.7	111.2	150	117	656	119.9	150	127	664
									2EH04505025	45.9	2	115.2	169.5	175	156	656	180.4	200	166	664
									2EH04507525	68.9	2	172.9	198.4	225	222	656	209.3	225	232	664
	460-3-60	16.0	142	18.6	142	1.3	9.9	4.3	None	-	-	-	54.4	70	57	347	58.7	70	62	351
									2EH04502546	23.0	1	28.8	54.4	70	57	347	58.7	70	62	351
									2EH04505046	45.9	2	57.6	84.4	90	78	347	89.8	90	83	351
									2EH04507546	68.9	2	86.4	98.8	110	111	347	104.2	110	116	351
	575-3-60	14.1	103	15.4	103	1.0	7.7	3.5	None	-	-	-	45.1	60	47	255	48.6	60	51	259
									2EH04502558	23.0	1	23.0	45.1	60	47	255	48.6	60	51	259
									2EH04505058	45.9	2	46.0	67.1	70	62	255	71.5	80	66	259
									2EH04507558	68.9	2	69.1	78.7	90	88	255	83.1	90	92	259

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Table 62: KD15 to KD28 VFD 2 stage standard static without power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b size (A)	Min Disconnect Rating		MCAw/ 120V trans	Max f/ b size w/ 120V trans	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	41.0	304	41.0	304	2.0	20.4	9.6	None	-	-	-	120.7	150	127	728	130.3	150	138	738
									2EH04502525	18.8	1	52.1	120.7	150	127	728	130.3	150	138	738
									2EH04505025	37.6	2	104.3	155.9	175	143	728	167.9	175	154	738
									2EH04507525	56.3	2	156.2	181.7	200	203	728	193.7	200	214	738
	230-3-60	41.0	304	41.0	304	2.3	20.4	8.7	None	-	-	-	121.9	150	128	730	130.6	150	138	738
									2EH04502525	23.0	1	57.7	121.9	150	128	730	130.6	150	138	738
									2EH04505025	45.9	2	115.2	169.5	175	156	730	180.4	200	166	738
									2EH04507525	68.9	2	172.9	198.4	225	222	730	209.3	225	232	738
	460-3-60	19.2	147	19.2	147	1.3	9.9	4.3	None	-	-	-	58.3	70	62	357	62.6	80	66	361
									2EH04502546	23.0	1	28.8	58.3	70	62	357	62.6	80	66	361
									2EH04505046	45.9	2	57.6	84.4	90	78	357	89.8	90	83	361
									2EH04507546	68.9	2	86.4	98.8	110	111	357	104.2	110	116	361
	575-3-60	16.7	122	16.7	122	1.0	7.7	3.5	None	-	-	-	49.3	60	52	293	52.8	60	56	297
									2EH04502558	23.0	1	23.0	49.3	60	52	293	52.8	60	56	297
									2EH04505058	45.9	2	46.0	67.1	70	62	293	71.5	80	66	297
									2EH04507558	68.9	2	69.1	78.7	90	88	293	83.1	90	92	297
28 (27.5)	208-3-60	44.2	315	44.2	315	2.1	30.0	9.6	None	-	-	-	137.9	175	146	780	147.5	175	157	789
									2EH04502525	18.8	1	52.1	137.9	175	146	780	147.5	175	157	789
									2EH04505025	37.6	2	104.3	167.9	175	154	780	179.9	200	165	789
									2EH04507525	56.3	2	156.2	193.7	200	214	780	205.7	225	225	789
	230-3-60	44.2	315	44.2	315	2.1	30.0	8.7	None	-	-	-	137.9	175	146	780	146.6	175	156	788
									2EH04502525	23.0	1	57.7	137.9	175	146	780	146.6	175	156	788
									2EH04505025	45.9	2	115.2	181.5	200	167	780	192.4	200	177	788
									2EH04507525	68.9	2	172.9	210.4	225	233	780	221.3	225	243	788
	460-3-60	22.4	158	22.4	158	1.1	14.3	4.3	None	-	-	-	69.1	90	73	392	73.4	90	78	396
									2EH04502546	23.0	1	28.8	69.1	90	73	392	73.4	90	78	396
									2EH04505046	45.9	2	57.6	89.9	90	83	392	95.3	100	88	396
									2EH04507546	68.9	2	86.4	104.3	110	116	392	109.7	110	121	396
	575-3-60	18.6	136	18.6	136	0.9	11.5	3.5	None	-	-	-	57.0	70	60	329	60.5	70	64	332
									2EH04502558	23.0	1	23.0	57.0	70	60	329	60.5	70	64	332
									2EH04505058	45.9	2	46.0	71.9	80	66	329	76.3	80	70	332
									2EH04507558	68.9	2	69.1	83.5	90	93	329	87.9	90	97	332

Table 63: KD15 to KD28 VFD 2 stage standard static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	25.0	190	25.0	190	2.1	13.2	5.0	9.6	None	-	-	-	83.7	100	89	473	93.3	110	100	482
										2EH04502525	18.8	1	52.1	94.1	100	89	473	106.1	110	100	482
										2EH04505025	37.6	2	104.3	159.4	175	147	473	171.4	175	158	482
										2EH04507525	56.3	2	156.2	185.2	200	206	473	197.2	200	217	482
	230-3-60	25.0	190	25.0	190	2.1	13.2	5.0	8.7	None	-	-	-	83.7	100	89	480	92.4	110	99	489
										2EH04502525	23.0	1	57.7	101.1	110	93	480	112.0	125	103	489
										2EH04505025	45.9	2	115.2	173.0	175	159	480	183.9	200	169	489
										2EH04507525	68.9	2	172.9	201.9	225	226	480	212.8	225	236	489
	460-3-60	12.2	100	12.2	100	1.1	6.1	2.2	4.3	None	-	-	-	40.2	50	43	249	44.5	50	48	254
										2EH04502546	23.0	1	28.8	49.1	50	45	249	54.5	60	50	254
										2EH04505046	45.9	2	57.6	85.1	90	78	249	90.5	100	83	254
										2EH04507546	68.9	2	86.4	99.5	110	111	249	104.9	110	116	254
	575-3-60	9.3	72	9.3	72	0.9	4.9	1.5	3.5	None	-	-	-	30.6	35	33	181	34.1	40	37	184
										2EH04502558	23.0	1	23.0	38.6	40	36	181	43.0	45	40	184
										2EH04505058	45.9	2	46.0	67.4	70	62	181	71.8	80	66	184
										2EH04507558	68.9	2	69.1	79.0	90	89	181	83.4	90	93	184
18 (17.5)	208-3-60	27.6	203	32.7	267	2.1	13.2	5.0	9.6	None	-	-	-	95.9	125	101	574	105.5	125	112	583
										2EH04502525	18.8	1	52.1	95.9	125	101	574	106.1	125	112	583
										2EH04505025	37.6	2	104.3	159.4	175	147	574	171.4	175	158	583
										2EH04507525	56.3	2	156.2	185.2	200	206	574	197.2	200	217	583
	230-3-60	27.6	203	32.7	267	2.1	13.2	5.0	8.7	None	-	-	-	95.9	125	101	582	104.6	125	111	590
										2EH04502525	23.0	1	57.7	101.1	125	101	582	112.0	125	111	590
										2EH04505025	45.9	2	115.2	173.0	175	159	582	183.9	200	169	590
										2EH04507525	68.9	2	172.9	201.9	225	226	582	212.8	225	236	590
	460-3-60	14.1	98	16.0	142	1.1	6.1	2.2	4.3	None	-	-	-	46.8	60	49	295	51.1	60	54	299
										2EH04502546	23.0	1	28.8	49.1	60	49	295	54.5	60	54	299
										2EH04505046	45.9	2	57.6	85.1	90	78	295	90.5	100	83	299
										2EH04507546	68.9	2	86.4	99.5	110	111	295	104.9	110	116	299
	575-3-60	11.5	84	14.1	103	0.9	4.9	1.5	3.5	None	-	-	-	38.8	50	41	237	42.3	50	45	241
										2EH04502558	23.0	1	23.0	38.8	50	41	237	43.0	50	45	241
										2EH04505058	45.9	2	46.0	67.4	70	62	237	71.8	80	66	241
										2EH04507558	68.9	2	69.1	79.0	90	89	237	83.4	90	93	241
20 (20)	208-3-60	32.7	267	39.1	267	2.0	20.4	5.0	9.6	None	-	-	-	120.0	150	127	675	129.6	150	138	685
										2EH04502525	18.8	1	52.1	120.0	150	127	675	129.6	150	138	685
										2EH04505025	37.6	2	104.3	168.4	175	155	675	180.4	200	166	685
										2EH04507525	56.3	2	156.2	194.2	200	215	675	206.2	225	226	685
	230-3-60	32.7	267	39.1	267	2.3	20.4	5.0	8.7	None	-	-	-	121.2	150	128	677	129.9	150	138	685
										2EH04502525	23.0	1	57.7	121.2	150	128	677	129.9	150	138	685
										2EH04505025	45.9	2	115.2	182.0	200	167	677	192.9	200	177	685
										2EH04507525	68.9	2	172.9	210.9	225	234	677	221.8	225	244	685
	460-3-60	16.0	142	18.6	142	1.3	9.9	2.2	4.3	None	-	-	-	58.8	70	62	356	63.1	80	67	360
										2EH04502546	23.0	1	28.8	58.8	70	62	356	63.1	80	67	360
										2EH04505046	45.9	2	57.6	89.9	90	83	356	95.3	100	88	360
										2EH04507546	68.9	2	86.4	104.3	110	116	356	109.7	110	121	360
	575-3-60	14.1	103	15.4	103	1.0	7.7	1.5	3.5	None	-	-	-	48.1	60	51	262	51.6	60	55	265
										2EH04502558	23.0	1	23.0	48.1	60	51	262	51.6	60	55	265
										2EH04505058	45.9	2	46.0	70.9	80	65	262	75.3	80	69	265
										2EH04507558	68.9	2	69.1	82.5	90	92	262	86.9	90	96	265

Table 63: KD15 to KD28 VFD 2 stage standard static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	41.0	304	41.0	304	2.0	20.4	5.0	9.6	None	-	-	-	130.7	150	138	749	140.3	175	150	759
										2EH04502525	18.8	1	52.1	130.7	150	138	749	140.3	175	150	759
										2EH04505025	37.6	2	104.3	168.4	175	155	749	180.4	200	166	759
										2EH04507525	56.3	2	156.2	194.2	200	215	749	206.2	225	226	759
	230-3-60	41.0	304	41.0	304	2.3	20.4	5.0	8.7	None	-	-	-	131.9	150	140	751	140.6	175	150	759
										2EH04502525	23.0	1	57.7	131.9	150	140	751	140.6	175	150	759
										2EH04505025	45.9	2	115.2	182.0	200	167	751	192.9	200	177	759
										2EH04507525	68.9	2	172.9	210.9	225	234	751	221.8	225	244	759
	460-3-60	19.2	147	19.2	147	1.3	9.9	2.2	4.3	None	-	-	-	62.7	80	67	366	67.0	80	72	370
										2EH04502546	23.0	1	28.8	62.7	80	67	366	67.0	80	72	370
										2EH04505046	45.9	2	57.6	89.9	90	83	366	95.3	100	88	370
										2EH04507546	68.9	2	86.4	104.3	110	116	366	109.7	110	121	370
	575-3-60	16.7	122	16.7	122	1.0	7.7	1.5	3.5	None	-	-	-	52.3	60	55	300	55.8	70	59	303
										2EH04502558	23.0	1	23.0	52.3	60	55	300	55.8	70	59	303
										2EH04505058	45.9	2	46.0	70.9	80	65	300	75.3	80	69	303
										2EH04507558	68.9	2	69.1	82.5	90	92	300	86.9	90	96	303
28 (27.5)	208-3-60	44.2	315	44.2	315	2.1	30.0	5.0	9.6	None	-	-	-	147.9	175	157	801	157.5	200	168	810
										2EH04502525	18.8	1	52.1	147.9	175	157	801	157.5	200	168	810
										2EH04505025	37.6	2	104.3	180.4	200	166	801	192.4	200	177	810
										2EH04507525	56.3	2	156.2	206.2	225	226	801	218.2	225	237	810
	230-3-60	44.2	315	44.2	315	2.1	30.0	5.0	8.7	None	-	-	-	147.9	175	157	801	156.6	200	167	809
										2EH04502525	23.0	1	57.7	147.9	175	157	801	156.6	200	167	809
										2EH04505025	45.9	2	115.2	194.0	200	178	801	204.9	225	188	809
										2EH04507525	68.9	2	172.9	222.9	250	245	801	233.8	250	255	809
	460-3-60	22.4	158	22.4	158	1.1	14.3	2.2	4.3	None	-	-	-	73.5	90	78	401	77.8	100	83	405
										2EH04502546	23.0	1	28.8	73.5	90	78	401	77.8	100	83	405
										2EH04505046	45.9	2	57.6	95.4	100	88	401	100.8	110	93	405
										2EH04507546	68.9	2	86.4	109.8	110	121	401	115.2	125	126	405
	575-3-60	18.6	136	18.6	136	0.9	11.5	1.5	3.5	None	-	-	-	60.0	70	64	335	63.5	80	68	339
										2EH04502558	23.0	1	23.0	60.0	70	64	335	63.5	80	68	339
										2EH04505058	45.9	2	46.0	75.6	80	70	335	80.0	80	74	339
										2EH04507558	68.9	2	69.1	87.2	90	96	335	91.6	100	100	339

Table 64: KD15 to KD28 VFD 2 stage standard static with modulating power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	25.0	190	25.0	190	2.1	13.2	6.7	9.6	None	-	-	-	87.1	110	93	465	96.7	110	104	475
										2EH04502525	18.8	1	52.1	98.4	110	93	465	110.4	125	104	475
										2EH04505025	37.6	2	104.3	163.6	175	151	465	175.6	200	162	475
										2EH04507525	56.3	2	156.2	189.5	200	210	465	201.5	225	221	475
	230-3-60	25.0	190	25.0	190	2.1	13.2	6.7	8.7	None	-	-	-	87.1	110	93	472	95.8	110	103	481
										2EH04502525	23.0	1	57.7	105.4	110	97	472	116.3	125	107	481
										2EH04505025	45.9	2	115.2	177.3	200	163	472	188.1	200	173	481
										2EH04507525	68.9	2	172.9	206.2	225	229	472	217.0	225	239	481
	460-3-60	12.2	100	12.2	100	1.1	6.1	3.4	4.3	None	-	-	-	42.6	50	45	247	46.9	50	50	251
										2EH04502546	23.0	1	28.8	52.1	60	48	247	57.5	60	53	251
										2EH04505046	45.9	2	57.6	88.1	90	81	247	93.5	100	86	251
										2EH04507546	68.9	2	86.4	102.5	110	114	247	107.9	110	119	251
	575-3-60	9.3	72	9.3	72	0.9	4.9	2.7	3.5	None	-	-	-	33.0	40	35	180	36.5	45	39	183
										2EH04502558	23.0	1	23.0	41.6	45	38	180	46.0	50	42	183
										2EH04505058	45.9	2	46.0	70.4	80	65	180	74.8	80	69	183
										2EH04507558	68.9	2	69.1	82.0	90	91	180	86.4	90	95	183
18 (17.5)	208-3-60	27.6	203	32.7	267	2.1	13.2	6.7	9.6	None	-	-	-	99.3	125	105	566	108.9	125	116	576
										2EH04502525	18.8	1	52.1	99.3	125	105	566	110.4	125	116	576
										2EH04505025	37.6	2	104.3	163.6	175	151	566	175.6	200	162	576
										2EH04507525	56.3	2	156.2	189.5	200	210	566	201.5	225	221	576
	230-3-60	27.6	203	32.7	267	2.1	13.2	6.7	8.7	None	-	-	-	99.3	125	105	574	108.0	125	115	583
										2EH04502525	23.0	1	57.7	105.4	125	105	574	116.3	125	115	583
										2EH04505025	45.9	2	115.2	177.3	200	163	574	188.1	200	173	583
										2EH04507525	68.9	2	172.9	206.2	225	229	574	217.0	225	239	583
	460-3-60	14.1	98	16.0	142	1.1	6.1	3.4	4.3	None	-	-	-	49.2	60	52	293	53.5	60	57	297
										2EH04502546	23.0	1	28.8	52.1	60	52	293	57.5	60	57	297
										2EH04505046	45.9	2	57.6	88.1	90	81	293	93.5	100	86	297
										2EH04507546	68.9	2	86.4	102.5	110	114	293	107.9	110	119	297
	575-3-60	11.5	84	14.1	103	0.9	4.9	2.7	3.5	None	-	-	-	41.2	50	43	236	44.7	50	47	240
										2EH04502558	23.0	1	23.0	41.6	50	43	236	46.0	50	47	240
										2EH04505058	45.9	2	46.0	70.4	80	65	236	74.8	80	69	240
										2EH04507558	68.9	2	69.1	82.0	90	91	236	86.4	90	95	240
20 (20)	208-3-60	32.7	267	39.1	267	2.0	20.4	6.7	9.6	None	-	-	-	123.4	150	131	668	133.0	150	142	677
										2EH04502525	18.8	1	52.1	123.4	150	131	668	133.0	150	142	677
										2EH04505025	37.6	2	104.3	172.6	175	159	668	184.6	200	170	677
										2EH04507525	56.3	2	156.2	198.5	200	219	668	210.5	225	230	677
	230-3-60	32.7	267	39.1	267	2.3	20.4	6.7	8.7	None	-	-	-	124.6	150	132	669	133.3	150	142	678
										2EH04502525	23.0	1	57.7	124.6	150	132	669	133.3	150	142	678
										2EH04505025	45.9	2	115.2	186.3	200	171	669	197.1	200	181	678
										2EH04507525	68.9	2	172.9	215.2	225	238	669	226.0	250	248	678
	460-3-60	16.0	142	18.6	142	1.3	9.9	3.4	4.3	None	-	-	-	61.2	70	65	353	65.5	80	70	358
										2EH04502546	23.0	1	28.8	61.2	70	65	353	65.5	80	70	358
										2EH04505046	45.9	2	57.6	92.9	100	85	353	98.3	100	90	358
										2EH04507546	68.9	2	86.4	107.3	110	119	353	112.7	125	124	358
	575-3-60	14.1	103	15.4	103	1.0	7.7	2.7	3.5	None	-	-	-	50.5	60	54	261	54.0	60	58	264
										2EH04502558	23.0	1	23.0	50.5	60	54	261	54.0	60	58	264
										2EH04505058	45.9	2	46.0	73.9	80	68	261	78.3	80	72	264
										2EH04507558	68.9	2	69.1	85.5	90	95	261	89.9	90	99	264

Table 64: KD15 to KD28 VFD 2 stage standard static with modulating power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	41.0	304	41.0	304	2.0	20.4	6.7	9.6	None	-	-	-	134.1	175	142	742	143.7	175	153	751
										2EH04502525	18.8	1	52.1	134.1	175	142	742	143.7	175	153	751
										2EH04505025	37.6	2	104.3	172.6	175	159	742	184.6	200	170	751
										2EH04507525	56.3	2	156.2	198.5	200	219	742	210.5	225	230	751
	230-3-60	41.0	304	41.0	304	2.3	20.4	6.7	8.7	None	-	-	-	135.3	175	144	743	144.0	175	154	752
										2EH04502525	23.0	1	57.7	135.3	175	144	743	144.0	175	154	752
										2EH04505025	45.9	2	115.2	186.3	200	171	743	197.1	200	181	752
										2EH04507525	68.9	2	172.9	215.2	225	238	743	226.0	250	248	752
	460-3-60	19.2	147	19.2	147	1.3	9.9	3.4	4.3	None	-	-	-	65.1	80	69	363	69.4	80	74	368
										2EH04502546	23.0	1	28.8	65.1	80	69	363	69.4	80	74	368
										2EH04505046	45.9	2	57.6	92.9	100	85	363	98.3	100	90	368
										2EH04507546	68.9	2	86.4	107.3	110	119	363	112.7	125	124	368
	575-3-60	16.7	122	16.7	122	1.0	7.7	2.7	3.5	None	-	-	-	54.7	70	58	299	58.2	70	62	302
										2EH04502558	23.0	1	23.0	54.7	70	58	299	58.2	70	62	302
										2EH04505058	45.9	2	46.0	73.9	80	68	299	78.3	80	72	302
										2EH04507558	68.9	2	69.1	85.5	90	95	299	89.9	90	99	302
28 (27.5)	208-3-60	44.2	315	44.2	315	2.1	30.0	6.7	9.6	None	-	-	-	151.3	175	161	793	160.9	200	172	803
										2EH04502525	18.8	1	52.1	151.3	175	161	793	160.9	200	172	803
										2EH04505025	37.6	2	104.3	184.6	200	170	793	196.6	200	181	803
										2EH04507525	56.3	2	156.2	210.5	225	230	793	222.5	225	241	803
	230-3-60	44.2	315	44.2	315	2.1	30.0	6.7	8.7	None	-	-	-	151.3	175	161	793	160.0	200	171	802
										2EH04502525	23.0	1	57.7	151.3	175	161	793	160.0	200	171	802
										2EH04505025	45.9	2	115.2	198.3	200	182	793	209.1	225	192	802
										2EH04507525	68.9	2	172.9	227.2	250	249	793	238.0	250	259	802
	460-3-60	22.4	158	22.4	158	1.1	14.3	3.4	4.3	None	-	-	-	75.9	90	81	399	80.2	100	86	403
										2EH04502546	23.0	1	28.8	75.9	90	81	399	80.2	100	86	403
										2EH04505046	45.9	2	57.6	98.4	100	91	399	103.8	110	95	403
										2EH04507546	68.9	2	86.4	112.8	125	124	399	118.2	125	129	403
	575-3-60	18.6	136	18.6	136	0.9	11.5	2.7	3.5	None	-	-	-	62.4	80	66	334	65.9	80	70	338
										2EH04502558	23.0	1	23.0	62.4	80	66	334	65.9	80	70	338
										2EH04505058	45.9	2	46.0	78.6	80	72	334	83.0	90	76	338
										2EH04507558	68.9	2	69.1	90.2	100	99	334	94.6	100	103	338

VFD 2 stage medium static

Table 65: KD15 to KD28 VFD 2 stage medium static without power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b size (A)	Min Disconnect Rating		MCAw / 120V trans	Max f/ b size w/ 120V trans	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	25.0	190	25.0	190	2.1	13.2	9.6	None	-	-	-	73.7	90	78	463	83.3	100	89	472
									2EH04502525	18.8	1	52.1	81.6	90	78	463	93.6	100	89	472
									2EH04505025	37.6	2	104.3	146.9	150	135	463	158.9	175	146	472
									2EH04507525	56.3	2	156.2	172.7	200	195	463	184.7	200	206	472
	230-3-60	25.0	190	25.0	190	2.1	13.2	8.7	None	-	-	-	73.7	90	78	471	82.4	100	88	479
									2EH04502525	23.0	1	57.7	88.6	90	82	471	99.5	100	92	479
									2EH04505025	45.9	2	115.2	160.5	175	148	471	171.4	175	158	479
									2EH04507525	68.9	2	172.9	189.4	225	214	471	200.3	225	224	479
	460-3-60	12.2	100	12.2	100	1.1	6.1	4.3	None	-	-	-	35.8	45	38	246	40.1	50	43	250
									2EH04502546	23.0	1	28.8	43.6	45	40	246	49.0	50	45	250
									2EH04505046	45.9	2	57.6	79.6	80	73	246	85.0	90	78	250
									2EH04507546	68.9	2	86.4	94.0	110	106	246	99.4	110	111	250
	575-3-60	9.3	72	9.3	72	0.9	4.9	3.5	None	-	-	-	27.6	35	29	188	31.1	40	33	192
									2EH04502558	23.0	1	23.0	34.9	35	32	188	39.3	40	36	192
									2EH04505058	45.9	2	46.0	63.6	70	59	188	68.0	70	63	192
									2EH04507558	68.9	2	69.1	75.2	90	85	188	79.6	90	89	192
18 (17.5)	208-3-60	27.6	203	32.7	267	2.1	20.4	9.6	None	-	-	-	93.1	125	98	583	102.7	125	109	592
									2EH04502525	18.8	1	52.1	93.1	125	98	583	102.7	125	109	592
									2EH04505025	37.6	2	104.3	155.9	175	143	583	167.9	175	154	592
									2EH04507525	56.3	2	156.2	181.7	200	203	583	193.7	200	214	592
	230-3-60	27.6	203	32.7	267	2.1	20.4	8.7	None	-	-	-	93.1	125	98	582	101.8	125	108	591
									2EH04502525	23.0	1	57.7	97.6	125	98	582	108.5	125	108	591
									2EH04505025	45.9	2	115.2	169.5	175	156	582	180.4	200	166	591
									2EH04507525	68.9	2	172.9	198.4	225	222	582	209.3	225	232	591
	460-3-60	14.1	98	16.0	142	1.1	9.9	4.3	None	-	-	-	46.2	60	49	297	50.5	60	53	301
									2EH04502546	23.0	1	28.8	48.4	60	49	297	53.8	60	53	301
									2EH04505046	45.9	2	57.6	84.4	90	78	297	89.8	90	83	301
									2EH04507546	68.9	2	86.4	98.8	110	111	297	104.2	110	116	301
	575-3-60	11.5	84	14.1	103	0.9	7.7	3.5	None	-	-	-	38.6	50	40	231	42.1	50	44	235
									2EH04502558	23.0	1	23.0	38.6	50	40	231	42.8	50	44	235
									2EH04505058	45.9	2	46.0	67.1	70	62	231	71.5	80	66	235
									2EH04507558	68.9	2	69.1	78.7	90	88	231	83.1	90	92	235
20 (20)	208-3-60	32.7	267	39.1	267	2.0	20.4	9.6	None	-	-	-	110.0	125	115	654	119.6	150	126	664
									2EH04502525	18.8	1	52.1	110.0	125	115	654	119.6	150	126	664
									2EH04505025	37.6	2	104.3	155.9	175	143	654	167.9	175	154	664
									2EH04507525	56.3	2	156.2	181.7	200	203	654	193.7	200	214	664
	230-3-60	32.7	267	39.1	267	2.3	20.4	8.7	None	-	-	-	111.2	150	117	656	119.9	150	127	664
									2EH04502525	23.0	1	57.7	111.2	150	117	656	119.9	150	127	664
									2EH04505025	45.9	2	115.2	169.5	175	156	656	180.4	200	166	664
									2EH04507525	68.9	2	172.9	198.4	225	222	656	209.3	225	232	664
	460-3-60	16.0	142	18.6	142	1.3	9.9	4.3	None	-	-	-	54.4	70	57	347	58.7	70	62	351
									2EH04502546	23.0	1	28.8	54.4	70	57	347	58.7	70	62	351
									2EH04505046	45.9	2	57.6	84.4	90	78	347	89.8	90	83	351
									2EH04507546	68.9	2	86.4	98.8	110	111	347	104.2	110	116	351
	575-3-60	14.1	103	15.4	103	1.0	7.7	3.5	None	-	-	-	45.1	60	47	255	48.6	60	51	259
									2EH04502558	23.0	1	23.0	45.1	60	47	255	48.6	60	51	259
									2EH04505058	45.9	2	46.0	67.1	70	62	255	71.5	80	66	259
									2EH04507558	68.9	2	69.1	78.7	90	88	255	83.1	90	92	259

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Table 65: KD15 to KD28 VFD 2 stage medium static without power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b size (A)	Min Disconnect Rating		MCAw / 120V trans	Max f/ b size w/ 120V trans	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	41.0	304	41.0	304	2.0	30.0	9.6	None	-	-	-	130.3	150	138	755	139.9	175	149	765
									2EH04502525	18.8	1	52.1	130.3	150	138	755	139.9	175	149	765
									2EH04505025	37.6	2	104.3	167.9	175	154	755	179.9	200	165	765
									2EH04507525	56.3	2	156.2	193.7	200	214	755	205.7	225	225	765
	230-3-60	41.0	304	41.0	304	2.3	30.0	8.7	None	-	-	-	131.5	150	139	757	140.2	175	149	766
									2EH04502525	23.0	1	57.7	131.5	150	139	757	140.2	175	149	766
									2EH04505025	45.9	2	115.2	181.5	200	167	757	192.4	200	177	766
									2EH04507525	68.9	2	172.9	210.4	225	233	757	221.3	225	243	766
	460-3-60	19.2	147	19.2	147	1.3	14.3	4.3	None	-	-	-	62.7	80	67	370	67.0	80	72	375
									2EH04502546	23.0	1	28.8	62.7	80	67	370	67.0	80	72	375
									2EH04505046	45.9	2	57.6	89.9	90	83	370	95.3	100	88	375
									2EH04507546	68.9	2	86.4	104.3	110	116	370	109.7	110	121	375
	575-3-60	16.7	122	16.7	122	1.0	11.5	3.5	None	-	-	-	53.1	60	56	302	56.6	70	60	306
									2EH04502558	23.0	1	23.0	53.1	60	56	302	56.6	70	60	306
									2EH04505058	45.9	2	46.0	71.9	80	66	302	76.3	80	70	306
									2EH04507558	68.9	2	69.1	83.5	90	93	302	87.9	90	97	306
28 (27.5)	208-3-60	44.2	315	44.2	315	2.1	39.6	9.6	None	-	-	-	147.5	175	157	830	157.1	200	168	840
									2EH04502525	18.8	1	52.1	147.5	175	157	830	157.1	200	168	840
									2EH04505025	37.6	2	104.3	179.9	200	165	830	191.9	200	177	840
									2EH04507525	56.3	2	156.2	205.7	225	225	830	217.7	250	236	840
	230-3-60	44.2	315	44.2	315	2.1	39.6	8.7	None	-	-	-	147.5	175	157	830	156.2	200	167	839
									2EH04502525	23.0	1	57.7	147.5	175	157	830	156.2	200	167	839
									2EH04505025	45.9	2	115.2	193.5	200	178	830	204.4	225	188	839
									2EH04507525	68.9	2	172.9	222.4	250	244	830	233.3	250	254	839
	460-3-60	22.4	158	22.4	158	1.1	18.7	4.3	None	-	-	-	73.5	90	78	417	77.8	100	83	422
									2EH04502546	23.0	1	28.8	73.5	90	78	417	77.8	100	83	422
									2EH04505046	45.9	2	57.6	95.4	100	88	417	100.8	110	93	422
									2EH04507546	68.9	2	86.4	109.8	125	121	417	115.2	125	126	422
	575-3-60	18.6	136	18.6	136	0.9	14.2	3.5	None	-	-	-	59.7	70	63	352	63.2	80	67	355
									2EH04502558	23.0	1	23.0	59.7	70	63	352	63.2	80	67	355
									2EH04505058	45.9	2	46.0	75.3	80	69	352	79.6	80	73	355
									2EH04507558	68.9	2	69.1	86.9	100	96	352	91.2	100	100	355

Table 66: KD15 to KD28 VFD 2 stage medium static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	25.0	190	25.0	190	2.1	13.2	5.0	9.6	None	-	-	-	83.7	100	89	484	93.3	110	100	493
										2EH04502525	18.8	1	52.1	94.1	100	89	484	106.1	110	100	493
										2EH04505025	37.6	2	104.3	159.4	175	147	484	171.4	175	158	493
										2EH04507525	56.3	2	156.2	185.2	200	206	484	197.2	200	217	493
	230-3-60	25.0	190	25.0	190	2.1	13.2	5.0	8.7	None	-	-	-	83.7	100	89	492	92.4	110	99	500
										2EH04502525	23.0	1	57.7	101.1	110	93	492	112.0	125	103	500
										2EH04505025	45.9	2	115.2	173.0	175	159	492	183.9	200	169	500
										2EH04507525	68.9	2	172.9	201.9	225	226	492	212.8	225	236	500
	460-3-60	12.2	100	12.2	100	1.1	6.1	2.2	4.3	None	-	-	-	40.2	50	43	255	44.5	50	48	259
										2EH04502546	23.0	1	28.8	49.1	50	45	255	54.5	60	50	259
										2EH04505046	45.9	2	57.6	85.1	90	78	255	90.5	100	83	259
										2EH04507546	68.9	2	86.4	99.5	110	111	255	104.9	110	116	259
	575-3-60	9.3	72	9.3	72	0.9	4.9	1.5	3.5	None	-	-	-	30.6	35	33	194	34.1	40	37	198
										2EH04502558	23.0	1	23.0	38.6	40	36	194	43.0	45	40	198
										2EH04505058	45.9	2	46.0	67.4	70	62	194	71.8	80	66	198
										2EH04507558	68.9	2	69.1	79.0	90	89	194	83.4	90	93	198
18 (17.5)	208-3-60	27.6	203	32.7	267	2.1	20.4	5.0	9.6	None	-	-	-	103.1	125	109	604	112.7	125	120	613
										2EH04502525	18.8	1	52.1	103.1	125	109	604	115.1	125	120	613
										2EH04505025	37.6	2	104.3	168.4	175	155	604	180.4	200	166	613
										2EH04507525	56.3	2	156.2	194.2	200	215	604	206.2	225	226	613
	230-3-60	27.6	203	32.7	267	2.1	20.4	5.0	8.7	None	-	-	-	103.1	125	109	603	111.8	125	119	612
										2EH04502525	23.0	1	57.7	110.1	125	109	603	121.0	125	119	612
										2EH04505025	45.9	2	115.2	182.0	200	167	603	192.9	200	177	612
										2EH04507525	68.9	2	172.9	210.9	225	234	603	221.8	225	244	612
	460-3-60	14.1	98	16.0	142	1.1	9.9	2.2	4.3	None	-	-	-	50.6	60	54	306	54.9	70	59	310
										2EH04502546	23.0	1	28.8	53.9	60	54	306	59.3	70	59	310
										2EH04505046	45.9	2	57.6	89.9	90	83	306	95.3	100	88	310
										2EH04507546	68.9	2	86.4	104.3	110	116	306	109.7	110	121	310
	575-3-60	11.5	84	14.1	103	0.9	7.7	1.5	3.5	None	-	-	-	41.6	50	44	237	45.1	50	48	241
										2EH04502558	23.0	1	23.0	42.1	50	44	237	46.5	50	48	241
										2EH04505058	45.9	2	46.0	70.9	80	65	237	75.3	80	69	241
										2EH04507558	68.9	2	69.1	82.5	90	92	237	86.9	90	96	241
20 (20)	208-3-60	32.7	267	39.1	267	2.0	20.4	5.0	9.6	None	-	-	-	120.0	150	127	675	129.6	150	138	685
										2EH04502525	18.8	1	52.1	120.0	150	127	675	129.6	150	138	685
										2EH04505025	37.6	2	104.3	168.4	175	155	675	180.4	200	166	685
										2EH04507525	56.3	2	156.2	194.2	200	215	675	206.2	225	226	685
	230-3-60	32.7	267	39.1	267	2.3	20.4	5.0	8.7	None	-	-	-	121.2	150	128	677	129.9	150	138	685
										2EH04502525	23.0	1	57.7	121.2	150	128	677	129.9	150	138	685
										2EH04505025	45.9	2	115.2	182.0	200	167	677	192.9	200	177	685
										2EH04507525	68.9	2	172.9	210.9	225	234	677	221.8	225	244	685
	460-3-60	16.0	142	18.6	142	1.3	9.9	2.2	4.3	None	-	-	-	58.8	70	62	356	63.1	80	67	360
										2EH04502546	23.0	1	28.8	58.8	70	62	356	63.1	80	67	360
										2EH04505046	45.9	2	57.6	89.9	90	83	356	95.3	100	88	360
										2EH04507546	68.9	2	86.4	104.3	110	116	356	109.7	110	121	360
	575-3-60	14.1	103	15.4	103	1.0	7.7	1.5	3.5	None	-	-	-	48.1	60	51	262	51.6	60	55	265
										2EH04502558	23.0	1	23.0	48.1	60	51	262	51.6	60	55	265
										2EH04505058	45.9	2	46.0	70.9	80	65	262	75.3	80	69	265
										2EH04507558	68.9	2	69.1	82.5	90	92	262	86.9	90	96	265

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Table 66: KD15 to KD28 VFD 2 stage medium static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	41.0	304	41.0	304	2.0	30.0	5.0	9.6	None	-	-	-	140.3	175	150	776	149.9	175	161	786
										2EH04502525	18.8	1	52.1	140.3	175	150	776	149.9	175	161	786
										2EH04505025	37.6	2	104.3	180.4	200	166	776	192.4	200	177	786
										2EH04507525	56.3	2	156.2	206.2	225	226	776	218.2	225	237	786
	230-3-60	41.0	304	41.0	304	2.3	30.0	5.0	8.7	None	-	-	-	141.5	175	151	778	150.2	175	161	787
										2EH04502525	23.0	1	57.7	141.5	175	151	778	150.2	175	161	787
										2EH04505025	45.9	2	115.2	194.0	200	178	778	204.9	225	188	787
										2EH04507525	68.9	2	172.9	222.9	250	245	778	233.8	250	255	787
	460-3-60	19.2	147	19.2	147	1.3	14.3	2.2	4.3	None	-	-	-	67.1	80	72	380	71.4	90	77	384
										2EH04502546	23.0	1	28.8	67.1	80	72	380	71.4	90	77	384
										2EH04505046	45.9	2	57.6	95.4	100	88	380	100.8	110	93	384
										2EH04507546	68.9	2	86.4	109.8	110	121	380	115.2	125	126	384
	575-3-60	16.7	122	16.7	122	1.0	11.5	1.5	3.5	None	-	-	-	56.1	70	60	308	59.6	70	64	312
										2EH04502558	23.0	1	23.0	56.1	70	60	308	59.6	70	64	312
										2EH04505058	45.9	2	46.0	75.6	80	70	308	80.0	90	74	312
										2EH04507558	68.9	2	69.1	87.2	90	96	308	91.6	100	100	312
28 (27.5)	208-3-60	44.2	315	44.2	315	2.1	39.6	5.0	9.6	None	-	-	-	157.5	200	168	851	167.1	200	179	861
										2EH04502525	18.8	1	52.1	157.5	200	168	851	167.1	200	179	861
										2EH04505025	37.6	2	104.3	192.4	200	177	851	204.4	225	188	861
										2EH04507525	56.3	2	156.2	218.2	250	237	851	230.2	250	248	861
	230-3-60	44.2	315	44.2	315	2.1	39.6	5.0	8.7	None	-	-	-	157.5	200	168	851	166.2	200	178	860
										2EH04502525	23.0	1	57.7	157.5	200	168	851	166.2	200	178	860
										2EH04505025	45.9	2	115.2	206.0	225	190	851	216.9	225	200	860
										2EH04507525	68.9	2	172.9	234.9	250	256	851	245.8	250	266	860
	460-3-60	22.4	158	22.4	158	1.1	18.7	2.2	4.3	None	-	-	-	77.9	100	83	426	82.2	100	88	431
										2EH04502546	23.0	1	28.8	77.9	100	83	426	82.2	100	88	431
										2EH04505046	45.9	2	57.6	100.9	110	93	426	106.3	110	98	431
										2EH04507546	68.9	2	86.4	115.3	125	126	426	120.7	125	131	431
	575-3-60	18.6	136	18.6	136	0.9	14.2	1.5	3.5	None	-	-	-	62.7	80	67	358	66.2	80	71	362
										2EH04502558	23.0	1	23.0	62.7	80	67	358	66.2	80	71	362
										2EH04505058	45.9	2	46.0	79.0	80	73	358	83.4	90	77	362
										2EH04507558	68.9	2	69.1	90.6	100	99	358	95.0	100	103	362

Table 67: KD15 to KD28 VFD 2 stage medium static with modulating power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	25.0	190	25.0	190	2.1	13.2	6.7	9.6	None	-	-	-	87.1	110	93	476	96.7	110	104	486
										2EH04502525	18.8	1	52.1	98.4	110	93	476	110.4	125	104	486
										2EH04505025	37.6	2	104.3	163.6	175	151	476	175.6	200	162	486
										2EH04507525	56.3	2	156.2	189.5	200	210	476	201.5	225	221	486
	230-3-60	25.0	190	25.0	190	2.1	13.2	6.7	8.7	None	-	-	-	87.1	110	93	484	95.8	110	103	493
										2EH04502525	23.0	1	57.7	105.4	110	97	484	116.3	125	107	493
										2EH04505025	45.9	2	115.2	177.3	200	163	484	188.1	200	173	493
										2EH04507525	68.9	2	172.9	206.2	225	229	484	217.0	225	239	493
	460-3-60	12.2	100	12.2	100	1.1	6.1	3.4	4.3	None	-	-	-	42.6	50	45	253	46.9	50	50	257
										2EH04502546	23.0	1	28.8	52.1	60	48	253	57.5	60	53	257
										2EH04505046	45.9	2	57.6	88.1	90	81	253	93.5	100	86	257
										2EH04507546	68.9	2	86.4	102.5	110	114	253	107.9	110	119	257
	575-3-60	9.3	72	9.3	72	0.9	4.9	2.7	3.5	None	-	-	-	33.0	40	35	193	36.5	45	39	197
										2EH04502558	23.0	1	23.0	41.6	45	38	193	46.0	50	42	197
										2EH04505058	45.9	2	46.0	70.4	80	65	193	74.8	80	69	197
										2EH04507558	68.9	2	69.1	82.0	90	91	193	86.4	90	95	197
18 (17.5)	208-3-60	27.6	203	32.7	267	2.1	20.4	6.7	9.6	None	-	-	-	106.5	125	113	596	116.1	125	124	606
										2EH04502525	18.8	1	52.1	107.4	125	113	596	119.4	125	124	606
										2EH04505025	37.6	2	104.3	172.6	175	159	596	184.6	200	170	606
										2EH04507525	56.3	2	156.2	198.5	200	219	596	210.5	225	230	606
	230-3-60	27.6	203	32.7	267	2.1	20.4	6.7	8.7	None	-	-	-	106.5	125	113	595	115.2	125	123	604
										2EH04502525	23.0	1	57.7	114.4	125	113	595	125.3	150	123	604
										2EH04505025	45.9	2	115.2	186.3	200	171	595	197.1	200	181	604
										2EH04507525	68.9	2	172.9	215.2	225	238	595	226.0	250	248	604
	460-3-60	14.1	98	16.0	142	1.1	9.9	3.4	4.3	None	-	-	-	53.0	60	56	303	57.3	70	61	308
										2EH04502546	23.0	1	28.8	56.9	60	56	303	62.3	70	61	308
										2EH04505046	45.9	2	57.6	92.9	100	85	303	98.3	100	90	308
										2EH04507546	68.9	2	86.4	107.3	110	119	303	112.7	125	124	308
	575-3-60	11.5	84	14.1	103	0.9	7.7	2.7	3.5	None	-	-	-	44.0	50	47	236	47.5	60	51	240
										2EH04502558	23.0	1	23.0	45.1	50	47	236	49.5	60	51	240
										2EH04505058	45.9	2	46.0	73.9	80	68	236	78.3	80	72	240
										2EH04507558	68.9	2	69.1	85.5	90	95	236	89.9	90	99	240
20 (20)	208-3-60	32.7	267	39.1	267	2.0	20.4	6.7	9.6	None	-	-	-	123.4	150	131	668	133.0	150	142	677
										2EH04502525	18.8	1	52.1	123.4	150	131	668	133.0	150	142	677
										2EH04505025	37.6	2	104.3	172.6	175	159	668	184.6	200	170	677
										2EH04507525	56.3	2	156.2	198.5	200	219	668	210.5	225	230	677
	230-3-60	32.7	267	39.1	267	2.3	20.4	6.7	8.7	None	-	-	-	124.6	150	132	669	133.3	150	142	678
										2EH04502525	23.0	1	57.7	124.6	150	132	669	133.3	150	142	678
										2EH04505025	45.9	2	115.2	186.3	200	171	669	197.1	200	181	678
										2EH04507525	68.9	2	172.9	215.2	225	238	669	226.0	250	248	678
	460-3-60	16.0	142	18.6	142	1.3	9.9	3.4	4.3	None	-	-	-	61.2	70	65	353	65.5	80	70	358
										2EH04502546	23.0	1	28.8	61.2	70	65	353	65.5	80	70	358
										2EH04505046	45.9	2	57.6	92.9	100	85	353	98.3	100	90	358
										2EH04507546	68.9	2	86.4	107.3	110	119	353	112.7	125	124	358
	575-3-60	14.1	103	15.4	103	1.0	7.7	2.7	3.5	None	-	-	-	50.5	60	54	261	54.0	60	58	264
										2EH04502558	23.0	1	23.0	50.5	60	54	261	54.0	60	58	264
										2EH04505058	45.9	2	46.0	73.9	80	68	261	78.3	80	72	264
										2EH04507558	68.9	2	69.1	85.5	90	95	261	89.9	90	99	264

Table 67: KD15 to KD28 VFD 2 stage medium static with modulating power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	41.0	304	41.0	304	2.0	30.0	6.7	9.6	None	-	-	-	143.7	175	153	769	153.3	175	164	778
										2EH04502525	18.8	1	52.1	143.7	175	153	769	153.3	175	164	778
										2EH04505025	37.6	2	104.3	184.6	200	170	769	196.6	200	181	778
										2EH04507525	56.3	2	156.2	210.5	225	230	769	222.5	225	241	778
	230-3-60	41.0	304	41.0	304	2.3	30.0	6.7	8.7	None	-	-	-	144.9	175	155	771	153.6	175	165	779
										2EH04502525	23.0	1	57.7	144.9	175	155	771	153.6	175	165	779
										2EH04505025	45.9	2	115.2	198.3	200	182	771	209.1	225	192	779
										2EH04507525	68.9	2	172.9	227.2	250	249	771	238.0	250	259	779
	460-3-60	19.2	147	19.2	147	1.3	14.3	3.4	4.3	None	-	-	-	69.5	80	74	377	73.8	90	79	381
										2EH04502546	23.0	1	28.8	69.5	80	74	377	73.8	90	79	381
										2EH04505046	45.9	2	57.6	98.4	100	91	377	103.8	110	95	381
										2EH04507546	68.9	2	86.4	112.8	125	124	377	118.2	125	129	381
	575-3-60	16.7	122	16.7	122	1.0	11.5	2.7	3.5	None	-	-	-	58.5	70	62	307	62.0	70	66	311
										2EH04502558	23.0	1	23.0	58.5	70	62	307	62.0	70	66	311
										2EH04505058	45.9	2	46.0	78.6	80	72	307	83.0	90	76	311
										2EH04507558	68.9	2	69.1	90.2	100	99	307	94.6	100	103	311
28 (27.5)	208-3-60	44.2	315	44.2	315	2.1	39.6	6.7	9.6	None	-	-	-	160.9	200	172	843	170.5	200	183	853
										2EH04502525	18.8	1	52.1	160.9	200	172	843	170.5	200	183	853
										2EH04505025	37.6	2	104.3	196.6	200	181	843	208.6	225	192	853
										2EH04507525	56.3	2	156.2	222.5	250	241	843	234.5	250	252	853
	230-3-60	44.2	315	44.2	315	2.1	39.6	6.7	8.7	None	-	-	-	160.9	200	172	843	169.6	200	182	852
										2EH04502525	23.0	1	57.7	160.9	200	172	843	169.6	200	182	852
										2EH04505025	45.9	2	115.2	210.3	225	193	843	221.1	225	203	852
										2EH04507525	68.9	2	172.9	239.2	250	260	843	250.0	250	270	852
	460-3-60	22.4	158	22.4	158	1.1	18.7	3.4	4.3	None	-	-	-	80.3	100	86	424	84.6	100	91	428
										2EH04502546	23.0	1	28.8	80.3	100	86	424	84.6	100	91	428
										2EH04505046	45.9	2	57.6	103.9	110	96	424	109.3	110	101	428
										2EH04507546	68.9	2	86.4	118.3	125	129	424	123.7	125	134	428
	575-3-60	18.6	136	18.6	136	0.9	14.2	2.7	3.5	None	-	-	-	65.1	80	69	357	68.6	80	73	361
										2EH04502558	23.0	1	23.0	65.1	80	69	357	68.6	80	73	361
										2EH04505058	45.9	2	46.0	82.0	90	75	357	86.4	90	79	361
										2EH04507558	68.9	2	69.1	93.6	100	102	357	98.0	110	106	361

VFD 2 stage high static

Table 68: KD15 to KD28 VFD 2 stage high static without power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b size (A)	Min Disconnect Rating		MCAw / 120V trans	Max f/ b size w/ 120V trans	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	25.0	190	25.0	190	2.1	20.4	9.6	None	-	-	-	80.9	100	86	493	90.5	110	97	502
									2EH04502525	18.8	1	52.1	90.6	100	86	493	102.6	110	97	502
									2EH04505025	37.6	2	104.3	155.9	175	143	493	167.9	175	154	502
									2EH04507525	56.3	2	156.2	181.7	200	203	493	193.7	200	214	502
	230-3-60	25.0	190	25.0	190	2.1	20.4	8.7	None	-	-	-	80.9	100	86	492	89.6	110	96	501
									2EH04502525	23.0	1	57.7	97.6	100	90	492	108.5	110	100	501
									2EH04505025	45.9	2	115.2	169.5	175	156	492	180.4	200	166	501
									2EH04507525	68.9	2	172.9	198.4	225	222	492	209.3	225	232	501
	460-3-60	12.2	100	12.2	100	1.1	9.9	4.3	None	-	-	-	39.6	50	42	257	43.9	50	47	261
									2EH04502546	23.0	1	28.8	48.4	50	45	257	53.8	60	49	261
									2EH04505046	45.9	2	57.6	84.4	90	78	257	89.8	90	83	261
									2EH04507546	68.9	2	86.4	98.8	110	111	257	104.2	110	116	261
	575-3-60	9.3	72	9.3	72	0.9	7.7	3.5	None	-	-	-	30.4	35	32	188	33.9	40	36	192
									2EH04502558	23.0	1	23.0	38.4	40	35	188	42.8	45	39	192
									2EH04505058	45.9	2	46.0	67.1	70	62	188	71.5	80	66	192
									2EH04507558	68.9	2	69.1	78.7	90	88	188	83.1	90	92	192
18 (17.5)	208-3-60	27.6	203	32.7	267	2.1	30.0	9.6	None	-	-	-	102.7	125	109	610	112.3	125	120	619
									2EH04502525	18.8	1	52.1	102.7	125	109	610	114.6	125	120	619
									2EH04505025	37.6	2	104.3	167.9	175	154	610	179.9	200	165	619
									2EH04507525	56.3	2	156.2	193.7	200	214	610	205.7	225	225	619
	230-3-60	27.6	203	32.7	267	2.1	30.0	8.7	None	-	-	-	102.7	125	109	610	111.4	125	119	618
									2EH04502525	23.0	1	57.7	109.6	125	109	610	120.5	125	119	618
									2EH04505025	45.9	2	115.2	181.5	200	167	610	192.4	200	177	618
									2EH04507525	68.9	2	172.9	210.4	225	233	610	221.3	225	243	618
	460-3-60	14.1	98	16.0	142	1.1	14.3	4.3	None	-	-	-	50.6	60	54	310	54.9	70	59	315
									2EH04502546	23.0	1	28.8	53.9	60	54	310	59.3	70	59	315
									2EH04505046	45.9	2	57.6	89.9	90	83	310	95.3	100	88	315
									2EH04507546	68.9	2	86.4	104.3	110	116	310	109.7	110	121	315
	575-3-60	11.5	84	14.1	103	0.9	11.5	3.5	None	-	-	-	42.4	50	45	240	45.9	60	49	243
									2EH04502558	23.0	1	23.0	43.1	50	45	240	47.5	60	49	243
									2EH04505058	45.9	2	46.0	71.9	80	66	240	76.3	80	70	243
									2EH04507558	68.9	2	69.1	83.5	90	93	240	87.9	90	97	243
20 (20)	208-3-60	32.7	267	39.1	267	2.0	30.0	9.6	None	-	-	-	119.6	150	126	681	129.2	150	137	691
									2EH04502525	18.8	1	52.1	119.6	150	126	681	129.2	150	137	691
									2EH04505025	37.6	2	104.3	167.9	175	154	681	179.9	200	165	691
									2EH04507525	56.3	2	156.2	193.7	200	214	681	205.7	225	225	691
	230-3-60	32.7	267	39.1	267	2.3	30.0	8.7	None	-	-	-	120.8	150	128	683	129.5	150	138	692
									2EH04502525	23.0	1	57.7	120.8	150	128	683	129.5	150	138	692
									2EH04505025	45.9	2	115.2	181.5	200	167	683	192.4	200	177	692
									2EH04507525	68.9	2	172.9	210.4	225	233	683	221.3	225	243	692
	460-3-60	16.0	142	18.6	142	1.3	14.3	4.3	None	-	-	-	58.8	70	62	360	63.1	80	67	365
									2EH04502546	23.0	1	28.8	58.8	70	62	360	63.1	80	67	365
									2EH04505046	45.9	2	57.6	89.9	90	83	360	95.3	100	88	365
									2EH04507546	68.9	2	86.4	104.3	110	116	360	109.7	110	121	365
	575-3-60	14.1	103	15.4	103	1.0	11.5	3.5	None	-	-	-	48.9	60	52	264	52.4	60	56	268
									2EH04502558	23.0	1	23.0	48.9	60	52	264	52.4	60	56	268
									2EH04505058	45.9	2	46.0	71.9	80	66	264	76.3	80	70	268
									2EH04507558	68.9	2	69.1	83.5	90	93	264	87.9	90	97	268

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Table 68: KD15 to KD28 VFD 2 stage high static without power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b size (A)	Min Disconnect Rating		MCAw / 120V trans	Max f/ b size w/ 120V trans	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	41.0	304	41.0	304	2.0	39.6	9.6	None	-	-	-	139.9	175	149	806	149.5	175	160	815
									2EH04502525	18.8	1	52.1	139.9	175	149	806	149.5	175	160	815
									2EH04505025	37.6	2	104.3	179.9	200	165	806	191.9	200	177	815
									2EH04507525	56.3	2	156.2	205.7	225	225	806	217.7	250	236	815
	230-3-60	41.0	304	41.0	304	2.3	39.6	8.7	None	-	-	-	141.1	175	150	808	149.8	175	160	816
									2EH04502525	23.0	1	57.7	141.1	175	150	808	149.8	175	160	816
									2EH04505025	45.9	2	115.2	193.5	200	178	808	204.4	225	188	816
									2EH04507525	68.9	2	172.9	222.4	250	244	808	233.3	250	254	816
	460-3-60	19.2	147	19.2	147	1.3	18.7	4.3	None	-	-	-	67.1	80	72	396	71.4	90	77	400
									2EH04502546	23.0	1	28.8	67.1	80	72	396	71.4	90	77	400
									2EH04505046	45.9	2	57.6	95.4	100	88	396	100.8	110	93	400
									2EH04507546	68.9	2	86.4	109.8	125	121	396	115.2	125	126	400
	575-3-60	16.7	122	16.7	122	1.0	14.2	3.5	None	-	-	-	55.8	70	59	325	59.3	70	63	328
									2EH04502558	23.0	1	23.0	55.8	70	59	325	59.3	70	63	328
									2EH04505058	45.9	2	46.0	75.3	80	69	325	79.6	80	73	328
									2EH04507558	68.9	2	69.1	86.9	100	96	325	91.2	100	100	328
28 (27.5)	208-3-60	44.2	315	44.2	315	2.1	39.6	9.6	None	-	-	-	147.5	175	157	890	157.1	200	168	900
									2EH04502525	18.8	1	52.1	147.5	175	157	890	157.1	200	168	900
									2EH04505025	37.6	2	104.3	179.9	200	165	890	191.9	200	177	900
									2EH04507525	56.3	2	156.2	205.7	225	225	890	217.7	250	236	900
	230-3-60	44.2	315	44.2	315	2.1	39.6	8.7	None	-	-	-	147.5	175	157	890	156.2	200	167	899
									2EH04502525	23.0	1	57.7	147.5	175	157	890	156.2	200	167	899
									2EH04505025	45.9	2	115.2	193.5	200	178	890	204.4	225	188	899
									2EH04507525	68.9	2	172.9	222.4	250	244	890	233.3	250	254	899
	460-3-60	22.4	158	22.4	158	1.1	18.7	4.3	None	-	-	-	73.5	90	78	447	77.8	100	83	452
									2EH04502546	23.0	1	28.8	73.5	90	78	447	77.8	100	83	452
									2EH04505046	45.9	2	57.6	95.4	100	88	447	100.8	110	93	452
									2EH04507546	68.9	2	86.4	109.8	125	121	447	115.2	125	126	452
	575-3-60	18.6	136	18.6	136	0.9	14.2	3.5	None	-	-	-	59.7	70	63	371	63.2	80	67	374
									2EH04502558	23.0	1	23.0	59.7	70	63	371	63.2	80	67	374
									2EH04505058	45.9	2	46.0	75.3	80	69	371	79.6	80	73	374
									2EH04507558	68.9	2	69.1	86.9	100	96	371	91.2	100	100	374

Table 69: KD15 to KD28 VFD 2 stage high static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	25.0	190	25.0	190	2.1	20.4	5.0	9.6	None	-	-	-	90.9	110	97	514	100.5	125	108	523
										2EH04502525	18.8	1	52.1	103.1	110	97	514	115.1	125	108	523
										2EH04505025	37.6	2	104.3	168.4	175	155	514	180.4	200	166	523
										2EH04507525	56.3	2	156.2	194.2	200	215	514	206.2	225	226	523
	230-3-60	25.0	190	25.0	190	2.1	20.4	5.0	8.7	None	-	-	-	90.9	110	97	513	99.6	110	107	522
										2EH04502525	23.0	1	57.7	110.1	125	101	513	121.0	125	111	522
										2EH04505025	45.9	2	115.2	182.0	200	167	513	192.9	200	177	522
										2EH04507525	68.9	2	172.9	210.9	225	234	513	221.8	225	244	522
	460-3-60	12.2	100	12.2	100	1.1	9.9	2.2	4.3	None	-	-	-	44.0	50	47	266	48.3	60	52	270
										2EH04502546	23.0	1	28.8	53.9	60	50	266	59.3	60	55	270
										2EH04505046	45.9	2	57.6	89.9	90	83	266	95.3	100	88	270
										2EH04507546	68.9	2	86.4	104.3	110	116	266	109.7	110	121	270
	575-3-60	9.3	72	9.3	72	0.9	7.7	1.5	3.5	None	-	-	-	33.4	40	36	194	36.9	45	40	198
										2EH04502558	23.0	1	23.0	42.1	45	39	194	46.5	50	43	198
										2EH04505058	45.9	2	46.0	70.9	80	65	194	75.3	80	69	198
										2EH04507558	68.9	2	69.1	82.5	90	92	194	86.9	90	96	198
18 (17.5)	208-3-60	27.6	203	32.7	267	2.1	30.0	5.0	9.6	None	-	-	-	112.7	125	120	631	122.3	150	131	640
										2EH04502525	18.8	1	52.1	115.1	125	120	631	127.1	150	131	640
										2EH04505025	37.6	2	104.3	180.4	200	166	631	192.4	200	177	640
										2EH04507525	56.3	2	156.2	206.2	225	226	631	218.2	225	237	640
	230-3-60	27.6	203	32.7	267	2.1	30.0	5.0	8.7	None	-	-	-	112.7	125	120	631	121.4	150	130	639
										2EH04502525	23.0	1	57.7	122.1	125	120	631	133.0	150	130	639
										2EH04505025	45.9	2	115.2	194.0	200	178	631	204.9	225	188	639
										2EH04507525	68.9	2	172.9	222.9	250	245	631	233.8	250	255	639
	460-3-60	14.1	98	16.0	142	1.1	14.3	2.2	4.3	None	-	-	-	55.0	70	59	320	59.3	70	64	324
										2EH04502546	23.0	1	28.8	59.4	70	59	320	64.8	70	64	324
										2EH04505046	45.9	2	57.6	95.4	100	88	320	100.8	110	93	324
										2EH04507546	68.9	2	86.4	109.8	110	121	320	115.2	125	126	324
	575-3-60	11.5	84	14.1	103	0.9	11.5	1.5	3.5	None	-	-	-	45.4	50	48	246	48.9	60	52	250
										2EH04502558	23.0	1	23.0	46.9	50	48	246	51.3	60	52	250
										2EH04505058	45.9	2	46.0	75.6	80	70	246	80.0	90	74	250
										2EH04507558	68.9	2	69.1	87.2	90	96	246	91.6	100	100	250
20 (20)	208-3-60	32.7	267	39.1	267	2.0	30.0	5.0	9.6	None	-	-	-	129.6	150	138	702	139.2	175	149	712
										2EH04502525	18.8	1	52.1	129.6	150	138	702	139.2	175	149	712
										2EH04505025	37.6	2	104.3	180.4	200	166	702	192.4	200	177	712
										2EH04507525	56.3	2	156.2	206.2	225	226	702	218.2	225	237	712
	230-3-60	32.7	267	39.1	267	2.3	30.0	5.0	8.7	None	-	-	-	130.8	150	139	704	139.5	175	149	713
										2EH04502525	23.0	1	57.7	130.8	150	139	704	139.5	175	149	713
										2EH04505025	45.9	2	115.2	194.0	200	178	704	204.9	225	188	713
										2EH04507525	68.9	2	172.9	222.9	250	245	704	233.8	250	255	713
	460-3-60	16.0	142	18.6	142	1.3	14.3	2.2	4.3	None	-	-	-	63.2	80	67	370	67.5	80	72	374
										2EH04502546	23.0	1	28.8	63.2	80	67	370	67.5	80	72	374
										2EH04505046	45.9	2	57.6	95.4	100	88	370	100.8	110	93	374
										2EH04507546	68.9	2	86.4	109.8	110	121	370	115.2	125	126	374
	575-3-60	14.1	103	15.4	103	1.0	11.5	1.5	3.5	None	-	-	-	51.9	60	55	270	55.4	70	59	274
										2EH04502558	23.0	1	23.0	51.9	60	55	270	55.4	70	59	274
										2EH04505058	45.9	2	46.0	75.6	80	70	270	80.0	90	74	274
										2EH04507558	68.9	2	69.1	87.2	90	96	270	91.6	100	100	274

BHC Residential & Light Commercial LLC

Table 69: KD15 to KD28 VFD 2 stage high static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	41.0	304	41.0	304	2.0	39.6	5.0	9.6	None	-	-	-	149.9	175	161	827	159.5	200	172	836
										2EH04502525	18.8	1	52.1	149.9	175	161	827	159.5	200	172	836
										2EH04505025	37.6	2	104.3	192.4	200	177	827	204.4	225	188	836
										2EH04507525	56.3	2	156.2	218.2	250	237	827	230.2	250	248	836
	230-3-60	41.0	304	41.0	304	2.3	39.6	5.0	8.7	None	-	-	-	151.1	175	162	829	159.8	200	172	837
										2EH04502525	23.0	1	57.7	151.1	175	162	829	159.8	200	172	837
										2EH04505025	45.9	2	115.2	206.0	225	190	829	216.9	225	200	837
										2EH04507525	68.9	2	172.9	234.9	250	256	829	245.8	250	266	837
	460-3-60	19.2	147	19.2	147	1.3	18.7	2.2	4.3	None	-	-	-	71.5	90	77	405	75.8	90	82	409
										2EH04502546	23.0	1	28.8	71.5	90	77	405	75.8	90	82	409
										2EH04505046	45.9	2	57.6	100.9	110	93	405	106.3	110	98	409
										2EH04507546	68.9	2	86.4	115.3	125	126	405	120.7	125	131	409
	575-3-60	16.7	122	16.7	122	1.0	14.2	1.5	3.5	None	-	-	-	58.8	70	63	331	62.3	70	67	335
										2EH04502558	23.0	1	23.0	58.8	70	63	331	62.3	70	67	335
										2EH04505058	45.9	2	46.0	79.0	80	73	331	83.4	90	77	335
										2EH04507558	68.9	2	69.1	90.6	100	99	331	95.0	100	103	335
28 (27.5)	208-3-60	44.2	315	44.2	315	2.1	39.6	5.0	9.6	None	-	-	-	157.5	200	168	911	167.1	200	179	921
										2EH04502525	18.8	1	52.1	157.5	200	168	911	167.1	200	179	921
										2EH04505025	37.6	2	104.3	192.4	200	177	911	204.4	225	188	921
										2EH04507525	56.3	2	156.2	218.2	250	237	911	230.2	250	248	921
	230-3-60	44.2	315	44.2	315	2.1	39.6	5.0	8.7	None	-	-	-	157.5	200	168	911	166.2	200	178	920
										2EH04502525	23.0	1	57.7	157.5	200	168	911	166.2	200	178	920
										2EH04505025	45.9	2	115.2	206.0	225	190	911	216.9	225	200	920
										2EH04507525	68.9	2	172.9	234.9	250	256	911	245.8	250	266	920
	460-3-60	22.4	158	22.4	158	1.1	18.7	2.2	4.3	None	-	-	-	77.9	100	83	456	82.2	100	88	461
										2EH04502546	23.0	1	28.8	77.9	100	83	456	82.2	100	88	461
										2EH04505046	45.9	2	57.6	100.9	110	93	456	106.3	110	98	461
										2EH04507546	68.9	2	86.4	115.3	125	126	456	120.7	125	131	461
	575-3-60	18.6	136	18.6	136	0.9	14.2	1.5	3.5	None	-	-	-	62.7	80	67	377	66.2	80	71	381
										2EH04502558	23.0	1	23.0	62.7	80	67	377	66.2	80	71	381
										2EH04505058	45.9	2	46.0	79.0	80	73	377	83.4	90	77	381
										2EH04507558	68.9	2	69.1	90.6	100	99	377	95.0	100	103	381

Table 70: KD15 to KD28 VFD 2 stage high static with modulating power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	25.0	190	25.0	190	2.1	20.4	6.7	9.6	None	-	-	-	94.3	110	101	506	103.9	125	112	516
										2EH04502525	18.8	1	52.1	107.4	110	101	506	119.4	125	112	516
										2EH04505025	37.6	2	104.3	172.6	175	159	506	184.6	200	170	516
										2EH04507525	56.3	2	156.2	198.5	200	219	506	210.5	225	230	516
	230-3-60	25.0	190	25.0	190	2.1	20.4	6.7	8.7	None	-	-	-	94.3	110	101	505	103.0	125	111	514
										2EH04502525	23.0	1	57.7	114.4	125	105	505	125.3	150	115	514
										2EH04505025	45.9	2	115.2	186.3	200	171	505	197.1	200	181	514
										2EH04507525	68.9	2	172.9	215.2	225	238	505	226.0	250	248	514
	460-3-60	12.2	100	12.2	100	1.1	9.9	3.4	4.3	None	-	-	-	46.4	50	50	263	50.7	60	55	268
										2EH04502546	23.0	1	28.8	56.9	60	52	263	62.3	70	57	268
										2EH04505046	45.9	2	57.6	92.9	100	85	263	98.3	100	90	268
										2EH04507546	68.9	2	86.4	107.3	110	119	263	112.7	125	124	268
	575-3-60	9.3	72	9.3	72	0.9	7.7	2.7	3.5	None	-	-	-	35.8	45	39	193	39.3	45	43	197
										2EH04502558	23.0	1	23.0	45.1	50	42	193	49.5	50	46	197
										2EH04505058	45.9	2	46.0	73.9	80	68	193	78.3	80	72	197
										2EH04507558	68.9	2	69.1	85.5	90	95	193	89.9	90	99	197
18 (17.5)	208-3-60	27.6	203	32.7	267	2.1	30.0	6.7	9.6	None	-	-	-	116.1	125	124	623	125.7	150	135	633
										2EH04502525	18.8	1	52.1	119.4	125	124	623	131.4	150	135	633
										2EH04505025	37.6	2	104.3	184.6	200	170	623	196.6	200	181	633
										2EH04507525	56.3	2	156.2	210.5	225	230	623	222.5	225	241	633
	230-3-60	27.6	203	32.7	267	2.1	30.0	6.7	8.7	None	-	-	-	116.1	125	124	623	124.8	150	134	632
										2EH04502525	23.0	1	57.7	126.4	150	124	623	137.3	150	134	632
										2EH04505025	45.9	2	115.2	198.3	200	182	623	209.1	225	192	632
										2EH04507525	68.9	2	172.9	227.2	250	249	623	238.0	250	259	632
	460-3-60	14.1	98	16.0	142	1.1	14.3	3.4	4.3	None	-	-	-	57.4	70	61	317	61.7	70	66	321
										2EH04502546	23.0	1	28.8	62.4	70	61	317	67.8	70	66	321
										2EH04505046	45.9	2	57.6	98.4	100	91	317	103.8	110	95	321
										2EH04507546	68.9	2	86.4	112.8	125	124	317	118.2	125	129	321
	575-3-60	11.5	84	14.1	103	0.9	11.5	2.7	3.5	None	-	-	-	47.8	60	51	245	51.3	60	55	249
										2EH04502558	23.0	1	23.0	49.9	60	51	245	54.3	60	55	249
										2EH04505058	45.9	2	46.0	78.6	80	72	245	83.0	90	76	249
										2EH04507558	68.9	2	69.1	90.2	100	99	245	94.6	100	103	249
20 (20)	208-3-60	32.7	267	39.1	267	2.0	30.0	6.7	9.6	None	-	-	-	133.0	150	142	695	142.6	175	153	704
										2EH04502525	18.8	1	52.1	133.0	150	142	695	142.6	175	153	704
										2EH04505025	37.6	2	104.3	184.6	200	170	695	196.6	200	181	704
										2EH04507525	56.3	2	156.2	210.5	225	230	695	222.5	225	241	704
	230-3-60	32.7	267	39.1	267	2.3	30.0	6.7	8.7	None	-	-	-	134.2	150	143	697	142.9	175	153	705
										2EH04502525	23.0	1	57.7	134.2	150	143	697	142.9	175	153	705
										2EH04505025	45.9	2	115.2	198.3	200	182	697	209.1	225	192	705
										2EH04507525	68.9	2	172.9	227.2	250	249	697	238.0	250	259	705
	460-3-60	16.0	142	18.6	142	1.3	14.3	3.4	4.3	None	-	-	-	65.6	80	70	367	69.9	80	75	371
										2EH04502546	23.0	1	28.8	65.6	80	70	367	69.9	80	75	371
										2EH04505046	45.9	2	57.6	98.4	100	91	367	103.8	110	95	371
										2EH04507546	68.9	2	86.4	112.8	125	124	367	118.2	125	129	371
	575-3-60	14.1	103	15.4	103	1.0	11.5	2.7	3.5	None	-	-	-	54.3	60	58	269	57.8	70	62	273
										2EH04502558	23.0	1	23.0	54.3	60	58	269	57.8	70	62	273
										2EH04505058	45.9	2	46.0	78.6	80	72	269	83.0	90	76	273
										2EH04507558	68.9	2	69.1	90.2	100	99	269	94.6	100	103	273

Table 70: KD15 to KD28 VFD 2 stage high static with modulating power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	41.0	304	41.0	304	2.0	39.6	6.7	9.6	None	-	-	-	153.3	175	164	819	162.9	200	175	829
										2EH04502525	18.8	1	52.1	153.3	175	164	819	162.9	200	175	829
										2EH04505025	37.6	2	104.3	196.6	200	181	819	208.6	225	192	829
										2EH04507525	56.3	2	156.2	222.5	250	241	819	234.5	250	252	829
	230-3-60	41.0	304	41.0	304	2.3	39.6	6.7	8.7	None	-	-	-	154.5	175	166	821	163.2	200	176	830
										2EH04502525	23.0	1	57.7	154.5	175	166	821	163.2	200	176	830
										2EH04505025	45.9	2	115.2	210.3	225	193	821	221.1	225	203	830
										2EH04507525	68.9	2	172.9	239.2	250	260	821	250.0	250	270	830
	460-3-60	19.2	147	19.2	147	1.3	18.7	3.4	4.3	None	-	-	-	73.9	90	79	402	78.2	90	84	407
										2EH04502546	23.0	1	28.8	73.9	90	79	402	78.2	90	84	407
										2EH04505046	45.9	2	57.6	103.9	110	96	402	109.3	110	101	407
										2EH04507546	68.9	2	86.4	118.3	125	129	402	123.7	125	134	407
	575-3-60	16.7	122	16.7	122	1.0	14.2	2.7	3.5	None	-	-	-	61.2	70	66	330	64.7	80	70	334
										2EH04502558	23.0	1	23.0	61.2	70	66	330	64.7	80	70	334
										2EH04505058	45.9	2	46.0	82.0	90	75	330	86.4	90	79	334
										2EH04507558	68.9	2	69.1	93.6	100	102	330	98.0	110	106	334
28 (27.5)	208-3-60	44.2	315	44.2	315	2.1	39.6	6.7	9.6	None	-	-	-	160.9	200	172	903	170.5	200	183	913
										2EH04502525	18.8	1	52.1	160.9	200	172	903	170.5	200	183	913
										2EH04505025	37.6	2	104.3	196.6	200	181	903	208.6	225	192	913
										2EH04507525	56.3	2	156.2	222.5	250	241	903	234.5	250	252	913
	230-3-60	44.2	315	44.2	315	2.1	39.6	6.7	8.7	None	-	-	-	160.9	200	172	903	169.6	200	182	912
										2EH04502525	23.0	1	57.7	160.9	200	172	903	169.6	200	182	912
										2EH04505025	45.9	2	115.2	210.3	225	193	903	221.1	225	203	912
										2EH04507525	68.9	2	172.9	239.2	250	260	903	250.0	250	270	912
	460-3-60	22.4	158	22.4	158	1.1	18.7	3.4	4.3	None	-	-	-	80.3	100	86	454	84.6	100	91	458
										2EH04502546	23.0	1	28.8	80.3	100	86	454	84.6	100	91	458
										2EH04505046	45.9	2	57.6	103.9	110	96	454	109.3	110	101	458
										2EH04507546	68.9	2	86.4	118.3	125	129	454	123.7	125	134	458
	575-3-60	18.6	136	18.6	136	0.9	14.2	2.7	3.5	None	-	-	-	65.1	80	69	376	68.6	80	73	380
										2EH04502558	23.0	1	23.0	65.1	80	69	376	68.6	80	73	380
										2EH04505058	45.9	2	46.0	82.0	90	75	376	86.4	90	79	380
										2EH04507558	68.9	2	69.1	93.6	100	102	376	98.0	110	106	380

VFD 4 stage standard static

Table 71: KD15 to KD28 VFD 4 stage standard static without power exhaust

Size ton	Nominal unit voltage	Comp. 1		Comp. 2		Comp. 3		OD fan motors each FL	Supply blower motor FLA	120V trans FLA	Electric heat option field installed kit				MCA A	Max f/ b Size A	Min disconnect rating		MCA w/ 120V trans	Max f/ b size w/ 120V trans A	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	13.2	9.6	None	-	-	-	78.3	100	82	429	87.9	110	93	439
											2EH04502525	18.8	1	52.1	81.6	100	82	429	93.6	110	93	439
											2EH04505025	37.6	2	104.3	146.9	150	135	429	158.9	175	146	439
											2EH04507525	56.3	2	156.2	172.7	200	195	429	184.7	200	206	439
	230-3-60	26.3	178.5	27.7	179			2.1	13.2	8.7	None	-	-	-	78.3	100	82	437	87.0	110	92	445
											2EH04502525	23.0	1	57.7	88.6	100	82	437	99.5	110	92	445
											2EH04505025	45.9	2	115.2	160.5	175	148	437	171.4	175	158	445
											2EH04507525	68.9	2	172.9	189.4	225	214	437	200.3	225	224	445
	460-3-60	11.0	95.3	11.5	103			1.1	6.1	4.3	None	-	-	-	33.7	45	35	238	38.0	45	40	243
											2EH04502546	23.0	1	28.8	43.6	45	40	238	49.0	50	45	243
											2EH04505046	45.9	2	57.6	79.6	80	73	238	85.0	90	78	243
											2EH04507546	68.9	2	86.4	94.0	110	106	238	99.4	110	111	243
	575-3-60	9.2	65	9.0	78			0.9	4.9	3.5	None	-	-	-	27.2	35	29	173	30.7	35	33	177
											2EH04502558	23.0	1	23.0	34.9	35	32	173	39.3	40	36	177
											2EH04505058	45.9	2	46.0	63.6	70	59	173	68.0	70	63	177
											2EH04507558	68.9	2	69.1	75.2	90	85	173	79.6	90	89	177
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	13.2	9.6	None	-	-	-	79.8	100	84	528	89.4	110	95	538
											2EH04502525	18.8	1	52.1	81.6	100	84	528	93.6	110	95	538
											2EH04505025	37.6	2	104.3	146.9	150	135	528	158.9	175	146	538
											2EH04507525	56.3	2	156.2	172.7	200	195	528	184.7	200	206	538
	230-3-60	26.8	190.7	28.5	255			2.1	13.2	8.7	None	-	-	-	79.8	100	84	536	88.5	110	94	545
											2EH04502525	23.0	1	57.7	88.6	100	84	536	99.5	110	94	545
											2EH04505025	45.9	2	115.2	160.5	175	148	536	171.4	175	158	545
											2EH04507525	68.9	2	172.9	189.4	225	214	536	200.3	225	224	545
	460-3-60	12.5	100.2	13.5	123			1.1	6.1	4.3	None	-	-	-	37.7	50	39	269	42.0	50	44	273
											2EH04502546	23.0	1	28.8	43.6	50	40	269	49.0	50	45	273
											2EH04505046	45.9	2	57.6	79.6	80	73	269	85.0	90	78	273
											2EH04507546	68.9	2	86.4	94.0	110	106	269	99.4	110	111	273
	575-3-60	9.4	65	10.7	93.7			0.9	4.9	3.5	None	-	-	-	29.5	40	31	203	33.0	40	35	206
											2EH04502558	23.0	1	23.0	34.9	40	32	203	39.3	40	36	206
											2EH04505058	45.9	2	46.0	63.6	70	59	203	68.0	70	63	206
											2EH04507558	68.9	2	69.1	75.2	90	85	203	79.6	90	89	206
20 (20)	208-3-60	26.5	255	33.3	255			2.0	20.4	9.6	None	-	-	-	96.5	125	101	630	106.1	125	112	640
											2EH04502525	18.8	1	52.1	96.5	125	101	630	106.1	125	112	640
											2EH04505025	37.6	2	104.3	155.9	175	143	630	167.9	175	154	640
											2EH04507525	56.3	2	156.2	181.7	200	203	630	193.7	200	214	640
	230-3-60	26.5	255	33.3	255			2.3	20.4	8.7	None	-	-	-	97.7	125	103	632	106.4	125	113	640
											2EH04502525	23.0	1	57.7	97.7	125	103	632	108.5	125	113	640
											2EH04505025	45.9	2	115.2	169.5	175	156	632	180.4	200	166	640
											2EH04507525	68.9	2	172.9	198.4	225	222	632	209.3	225	232	640
	460-3-60	14.0	123	15.4	140			1.3	9.9	4.3	None	-	-	-	48.4	60	51	326	52.7	60	56	330
											2EH04502546	23.0	1	28.8	48.4	60	51	326	53.8	60	56	330
											2EH04505046	45.9	2	57.6	84.4	90	78	326	89.8	90	83	330
											2EH04507546	68.9	2	86.4	98.8	110	111	326	104.2	110	116	330
	575-3-60	11.5	93.7	12.9	107.6			1.0	7.7	3.5	None	-	-	-	39.3	50	42	251	42.8	50	46	254
											2EH04502558	23.0	1	23.0	39.3	50	42	251	42.8	50	46	254
											2EH04505058	45.9	2	46.0	67.1	70	62	251	71.5	80	66	254
											2EH04507558	68.9	2	69.1	78.7	90	88	251	83.1	90	92	254

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Table 71: KD15 to KD28 VFD 4 stage standard static without power exhaust

Size ton	Nominal unit voltage	Comp. 1		Comp. 2		Comp. 3		OD fan motors each FL	Supply blower motor FLA	120V trans FLA	Electric heat option field installed kit				MCA A	Max f/ b Size A	Min disconnect rating		MCA w/ 120V trans	Max f/ b size w/ 120V trans A	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	20.4	9.6	None	-	-	-	124.5	150	131	757	134.1	175	142	766
											2EH04502525	18.8	1	52.1	124.5	150	131	757	134.1	175	142	766
											2EH04505025	37.6	2	104.3	155.9	175	143	757	167.9	175	154	766
											2EH04507525	56.3	2	156.2	181.7	200	203	757	193.7	200	214	766
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	20.4	8.7	None	-	-	-	125.7	150	133	758	134.4	175	143	767
											2EH04502525	23.0	1	57.7	125.7	150	133	758	134.4	175	143	767
											2EH04505025	45.9	2	115.2	169.5	175	156	758	180.4	200	166	767
											2EH04507525	68.9	2	172.9	198.4	225	222	758	209.3	225	232	767
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	9.9	4.3	None	-	-	-	56.7	70	60	359	61.0	80	65	363
											2EH04502546	23.0	1	28.8	56.7	70	60	359	61.0	80	65	363
											2EH04505046	45.9	2	57.6	84.4	90	78	359	89.8	90	83	363
											2EH04507546	68.9	2	86.4	98.8	110	111	359	104.2	110	116	363
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	7.7	3.5	None	-	-	-	47.0	60	49	279	50.5	60	53	283
											2EH04502558	23.0	1	23.0	47.0	60	49	279	50.5	60	53	283
											2EH04505058	45.9	2	46.0	67.1	70	62	279	71.5	80	66	283
											2EH04507558	68.9	2	69.1	78.7	90	88	279	83.1	90	92	283
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	30.0	9.6	None	-	-	-	142.5	175	151	865	152.1	175	162	874
											2EH04502525	18.8	1	52.1	142.5	175	151	865	152.1	175	162	874
											2EH04505025	37.6	2	104.3	167.9	175	154	865	179.9	200	165	874
											2EH04507525	56.3	2	156.2	193.7	200	214	865	205.7	225	225	874
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	30.0	8.7	None	-	-	-	142.5	175	151	865	151.2	175	161	873
											2EH04502525	23.0	1	57.7	142.5	175	151	865	151.2	175	161	873
											2EH04505025	45.9	2	115.2	181.5	200	167	865	192.4	200	177	873
											2EH04507525	68.9	2	172.9	210.4	225	233	865	221.3	225	243	873
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	14.3	4.3	None	-	-	-	70.5	90	75	440	74.8	90	80	444
											2EH04502546	23.0	1	28.8	70.5	90	75	440	74.8	90	80	444
											2EH04505046	45.9	2	57.6	89.9	90	83	440	95.3	100	88	444
											2EH04507546	68.9	2	86.4	104.3	110	116	440	109.7	110	121	444
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	11.5	3.5	None	-	-	-	57.2	70	60	349	60.7	70	64	352
											2EH04502558	23.0	1	23.0	57.2	70	60	349	60.7	70	64	352
											2EH04505058	45.9	2	46.0	71.9	80	66	349	76.3	80	70	352
											2EH04507558	68.9	2	69.1	83.5	90	93	349	87.9	90	97	352

Table 72: KD15 to KD28 VFD 4 stage standard static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors each FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size A	Min Disconnect Rating		MCA w/ 120V trans A	Max f/ b Size w/ 120V trans A	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	13.2	5.0	9.6	None	-	-	-	88.3	110	94	450	97.9	125	105	460
												2EH04502525	18.8	1	52.1	94.1	110	94	450	106.1	125	105	460
												2EH04505025	37.6	2	104.3	159.4	175	147	450	171.4	175	158	460
												2EH04507525	56.3	2	156.2	185.2	200	206	450	197.2	200	217	460
	230-3-60	26.3	178.5	27.7	179			2.1	13.2	5.0	8.7	None	-	-	-	88.3	110	94	458	97.0	110	104	466
												2EH04502525	23.0	1	57.7	101.1	110	94	458	112.0	125	104	466
												2EH04505025	45.9	2	115.2	173.0	175	159	458	183.9	200	169	466
												2EH04507525	68.9	2	172.9	201.9	225	226	458	212.8	225	236	466
	460-3-60	11.0	95.3	11.5	103			1.1	6.1	2.2	4.3	None	-	-	-	38.1	45	40	248	42.4	50	45	252
												2EH04502546	23.0	1	28.8	49.1	50	45	248	54.5	60	50	252
												2EH04505046	45.9	2	57.6	85.1	90	78	248	90.5	100	83	252
												2EH04507546	68.9	2	86.4	99.5	110	111	248	104.9	110	116	252
	575-3-60	9.2	65	9.0	78			0.9	4.9	1.5	3.5	None	-	-	-	30.2	35	32	180	33.7	40	36	183
												2EH04502558	23.0	1	23.0	38.6	40	36	180	43.0	45	40	183
												2EH04505058	45.9	2	46.0	67.4	70	62	180	71.8	80	66	183
												2EH04507558	68.9	2	69.1	79.0	90	89	180	83.4	90	93	183
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	13.2	5.0	9.6	None	-	-	-	89.8	110	95	549	99.4	125	106	559
												2EH04502525	18.8	1	52.1	94.1	110	95	549	106.1	125	106	559
												2EH04505025	37.6	2	104.3	159.4	175	147	549	171.4	175	158	559
												2EH04507525	56.3	2	156.2	185.2	200	206	549	197.2	200	217	559
	230-3-60	26.8	190.7	28.5	255			2.1	13.2	5.0	8.7	None	-	-	-	89.8	110	95	557	98.5	125	105	566
												2EH04502525	23.0	1	57.7	101.1	110	95	557	112.0	125	105	566
												2EH04505025	45.9	2	115.2	173.0	175	159	557	183.9	200	169	566
												2EH04507525	68.9	2	172.9	201.9	225	226	557	212.8	225	236	566
	460-3-60	12.5	100.2	13.5	123			1.1	6.1	2.2	4.3	None	-	-	-	42.1	50	45	278	46.4	50	49	283
												2EH04502546	23.0	1	28.8	49.1	50	45	278	54.5	60	50	283
												2EH04505046	45.9	2	57.6	85.1	90	78	278	90.5	100	83	283
												2EH04507546	68.9	2	86.4	99.5	110	111	278	104.9	110	116	283
	575-3-60	9.4	65	10.7	93.7			0.9	4.9	1.5	3.5	None	-	-	-	32.5	40	34	209	36.0	45	38	213
												2EH04502558	23.0	1	23.0	38.6	40	36	209	43.0	45	40	213
												2EH04505058	45.9	2	46.0	67.4	70	62	209	71.8	80	66	213
												2EH04507558	68.9	2	69.1	79.0	90	89	209	83.4	90	93	213
20 (20)	208-3-60	26.5	255	33.3	255			2.0	20.4	5.0	9.6	None	-	-	-	106.5	125	113	651	116.1	125	124	661
												2EH04502525	18.8	1	52.1	106.5	125	113	651	116.1	125	124	661
												2EH04505025	37.6	2	104.3	168.4	175	155	651	180.4	200	166	661
												2EH04507525	56.3	2	156.2	194.2	200	215	651	206.2	225	226	661
	230-3-60	26.5	255	33.3	255			2.3	20.4	5.0	8.7	None	-	-	-	107.7	125	114	653	116.4	125	124	661
												2EH04502525	23.0	1	57.7	110.1	125	114	653	121.0	125	124	661
												2EH04505025	45.9	2	115.2	182.0	200	167	653	192.9	200	177	661
												2EH04507525	68.9	2	172.9	210.9	225	234	653	221.8	225	244	661
	460-3-60	14.0	123	15.4	140			1.3	9.9	2.2	4.3	None	-	-	-	52.8	60	56	335	57.1	70	61	339
												2EH04502546	23.0	1	28.8	53.9	60	56	335	59.3	70	61	339
												2EH04505046	45.9	2	57.6	89.9	90	83	335	95.3	100	88	339
												2EH04507546	68.9	2	86.4	104.3	110	116	335	109.7	110	121	339
	575-3-60	11.5	93.7	12.9	107.6			1.0	7.7	1.5	3.5	None	-	-	-	42.3	50	45	257	45.8	50	49	260
												2EH04502558	23.0	1	23.0	42.3	50	45	257	46.5	50	49	260
												2EH04505058	45.9	2	46.0	70.9	80	65	257	75.3	80	69	260
												2EH04507558	68.9	2	69.1	82.5	90	92	257	86.9	90	96	260

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Table 72: KD15 to KD28 VFD 4 stage standard static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors each FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size A	Min Disconnect Rating		MCA w/ 120V trans A	Max f/ b Size w/ 120V trans A	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	20.4	5.0	9.6	None	-	-	-	134.5	175	143	778	144.1	175	154	787
												2EH04502525	18.8	1	52.1	134.5	175	143	778	144.1	175	154	787
												2EH04505025	37.6	2	104.3	168.4	175	155	778	180.4	200	166	787
												2EH04507525	56.3	2	156.2	194.2	200	215	778	206.2	225	226	787
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	20.4	5.0	8.7	None	-	-	-	135.7	175	144	779	144.4	175	154	788
												2EH04502525	23.0	1	57.7	135.7	175	144	779	144.4	175	154	788
												2EH04505025	45.9	2	115.2	182.0	200	167	779	192.9	200	177	788
												2EH04507525	68.9	2	172.9	210.9	225	234	779	221.8	225	244	788
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	9.9	2.2	4.3	None	-	-	-	61.1	80	65	368	65.4	80	70	372
												2EH04502546	23.0	1	28.8	61.1	80	65	368	65.4	80	70	372
												2EH04505046	45.9	2	57.6	89.9	90	83	368	95.3	100	88	372
												2EH04507546	68.9	2	86.4	104.3	110	116	368	109.7	110	121	372
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	7.7	1.5	3.5	None	-	-	-	50.0	60	53	286	53.5	70	57	289
												2EH04502558	23.0	1	23.0	50.0	60	53	286	53.5	70	57	289
												2EH04505058	45.9	2	46.0	70.9	80	65	286	75.3	80	69	289
												2EH04507558	68.9	2	69.1	82.5	90	92	286	86.9	90	96	289
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	30.0	5.0	9.6	None	-	-	-	152.5	175	163	886	162.1	200	174	895
												2EH04502525	18.8	1	52.1	152.5	175	163	886	162.1	200	174	895
												2EH04505025	37.6	2	104.3	180.4	200	166	886	192.4	200	177	895
												2EH04507525	56.3	2	156.2	206.2	225	226	886	218.2	225	237	895
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	30.0	5.0	8.7	None	-	-	-	152.5	175	163	886	161.2	200	173	894
												2EH04502525	23.0	1	57.7	152.5	175	163	886	161.2	200	173	894
												2EH04505025	45.9	2	115.2	194.0	200	178	886	204.9	225	188	894
												2EH04507525	68.9	2	172.9	222.9	250	245	886	233.8	250	255	894
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	14.3	2.2	4.3	None	-	-	-	74.9	90	80	449	79.2	100	85	453
												2EH04502546	23.0	1	28.8	74.9	90	80	449	79.2	100	85	453
												2EH04505046	45.9	2	57.6	95.4	100	88	449	100.8	110	93	453
												2EH04507546	68.9	2	86.4	109.8	110	121	449	115.2	125	126	453
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	11.5	1.5	3.5	None	-	-	-	60.2	70	64	355	63.7	80	68	359
												2EH04502558	23.0	1	23.0	60.2	70	64	355	63.7	80	68	359
												2EH04505058	45.9	2	46.0	75.6	80	70	355	80.0	80	74	359
												2EH04507558	68.9	2	69.1	87.2	90	96	355	91.6	100	100	359

Table 73: KD15 to KD28 VFD 4 stage standard static with modulating power exhaust

Size, ton	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors each FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size A	Min Disconnect Rating		MCA w/ 120V trans A	Max f/ b Size w/ 120V trans A	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	13.2	6.7	9.6	None	-	-	-	91.7	110	98	443	101.3	125	109	452
												2EH04502525	18.8	1	52.1	98.4	110	98	443	110.4	125	109	452
												2EH04505025	37.6	2	104.3	163.6	175	151	443	175.6	200	162	452
												2EH04507525	56.3	2	156.2	189.5	200	210	443	201.5	225	221	452
	230-3-60	26.3	178.5	27.7	179			2.1	13.2	6.7	8.7	None	-	-	-	91.7	110	98	450	100.4	125	108	459
												2EH04502525	23.0	1	57.7	105.4	110	98	450	116.3	125	108	459
												2EH04505025	45.9	2	115.2	177.3	200	163	450	188.1	200	173	459
												2EH04507525	68.9	2	172.9	206.2	225	229	450	217.0	225	239	459
	460-3-60	11.0	95.3	11.5	103			1.1	6.1	3.4	4.3	None	-	-	-	40.5	50	43	245	44.8	50	48	250
												2EH04502546	23.0	1	28.8	52.1	60	48	245	57.5	60	53	250
												2EH04505046	45.9	2	57.6	88.1	90	81	245	93.5	100	86	250
												2EH04507546	68.9	2	86.4	102.5	110	114	245	107.9	110	119	250
	575-3-60	9.2	65	9.0	78			0.9	4.9	2.7	3.5	None	-	-	-	32.6	40	35	179	36.1	45	39	182
												2EH04502558	23.0	1	23.0	41.6	45	38	179	46.0	50	42	182
												2EH04505058	45.9	2	46.0	70.4	80	65	179	74.8	80	69	182
												2EH04507558	68.9	2	69.1	82.0	90	91	179	86.4	90	95	182
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	13.2	6.7	9.6	None	-	-	-	93.2	110	99	542	102.8	125	110	551
												2EH04502525	18.8	1	52.1	98.4	110	99	542	110.4	125	110	551
												2EH04505025	37.6	2	104.3	163.6	175	151	542	175.6	200	162	551
												2EH04507525	56.3	2	156.2	189.5	200	210	542	201.5	225	221	551
	230-3-60	26.8	190.7	28.5	255			2.1	13.2	6.7	8.7	None	-	-	-	93.2	110	99	550	101.9	125	109	558
												2EH04502525	23.0	1	57.7	105.4	110	99	550	116.3	125	109	558
												2EH04505025	45.9	2	115.2	177.3	200	163	550	188.1	200	173	558
												2EH04507525	68.9	2	172.9	206.2	225	229	550	217.0	225	239	558
	460-3-60	12.5	100.2	13.5	123			1.1	6.1	3.4	4.3	None	-	-	-	44.5	50	47	276	48.8	60	52	280
												2EH04502546	23.0	1	28.8	52.1	60	48	276	57.5	60	53	280
												2EH04505046	45.9	2	57.6	88.1	90	81	276	93.5	100	86	280
												2EH04507546	68.9	2	86.4	102.5	110	114	276	107.9	110	119	280
	575-3-60	9.4	65	10.7	93.7			0.9	4.9	2.7	3.5	None	-	-	-	34.9	45	37	208	38.4	45	41	212
												2EH04502558	23.0	1	23.0	41.6	45	38	208	46.0	50	42	212
												2EH04505058	45.9	2	46.0	70.4	80	65	208	74.8	80	69	212
												2EH04507558	68.9	2	69.1	82.0	90	91	208	86.4	90	95	212
20 (20)	208-3-60	26.5	255	33.3	255			2.0	20.4	6.7	9.6	None	-	-	-	109.9	125	117	644	119.5	150	128	653
												2EH04502525	18.8	1	52.1	109.9	125	117	644	119.5	150	128	653
												2EH04505025	37.6	2	104.3	172.6	175	159	644	184.6	200	170	653
												2EH04507525	56.3	2	156.2	198.5	200	219	644	210.5	225	230	653
	230-3-60	26.5	255	33.3	255			2.3	20.4	6.7	8.7	None	-	-	-	111.1	125	118	645	119.8	150	128	654
												2EH04502525	23.0	1	57.7	114.4	125	118	645	125.3	150	128	654
												2EH04505025	45.9	2	115.2	186.3	200	171	645	197.1	200	181	654
												2EH04507525	68.9	2	172.9	215.2	225	238	645	226.0	250	248	654
	460-3-60	14.0	123	15.4	140			1.3	9.9	3.4	4.3	None	-	-	-	55.2	70	59	332	59.5	70	64	337
												2EH04502546	23.0	1	28.8	56.9	70	59	332	62.3	70	64	337
												2EH04505046	45.9	2	57.6	92.9	100	85	332	98.3	100	90	337
												2EH04507546	68.9	2	86.4	107.3	110	119	332	112.7	125	124	337
	575-3-60	11.5	93.7	12.9	107.6			1.0	7.7	2.7	3.5	None	-	-	-	44.7	50	48	256	48.2	60	52	259
												2EH04502558	23.0	1	23.0	45.1	50	48	256	49.5	60	52	259
												2EH04505058	45.9	2	46.0	73.9	80	68	256	78.3	80	72	259
												2EH04507558	68.9	2	69.1	85.5	90	95	256	89.9	90	99	259

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Table 73: KD15 to KD28 VFD 4 stage standard static with modulating power exhaust

Size, ton	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors each FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size A	Min Disconnect Rating		MCA w/ 120V trans A	Max f/ b Size w/ 120V trans A	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	20.4	6.7	9.6	None	-	-	-	137.9	175	147	770	147.5	175	158	780
												2EH04502525	18.8	1	52.1	137.9	175	147	770	147.5	175	158	780
												2EH04505025	37.6	2	104.3	172.6	175	159	770	184.6	200	170	780
												2EH04507525	56.3	2	156.2	198.5	200	219	770	210.5	225	230	780
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	20.4	6.7	8.7	None	-	-	-	139.1	175	148	771	147.8	175	158	780
												2EH04502525	23.0	1	57.7	139.1	175	148	771	147.8	175	158	780
												2EH04505025	45.9	2	115.2	186.3	200	171	771	197.1	200	181	780
												2EH04507525	68.9	2	172.9	215.2	225	238	771	226.0	250	248	780
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	9.9	3.4	4.3	None	-	-	-	63.5	80	68	366	67.8	80	72	370
												2EH04502546	23.0	1	28.8	63.5	80	68	366	67.8	80	72	370
												2EH04505046	45.9	2	57.6	92.9	100	85	366	98.3	100	90	370
												2EH04507546	68.9	2	86.4	107.3	110	119	366	112.7	125	124	370
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	7.7	2.7	3.5	None	-	-	-	52.4	60	55	285	55.9	70	59	288
												2EH04502558	23.0	1	23.0	52.4	60	55	285	55.9	70	59	288
												2EH04505058	45.9	2	46.0	73.9	80	68	285	78.3	80	72	288
												2EH04507558	68.9	2	69.1	85.5	90	95	285	89.9	90	99	288
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	30.0	6.7	9.6	None	-	-	-	155.9	200	167	878	165.5	200	178	888
												2EH04502525	18.8	1	52.1	155.9	200	167	878	165.5	200	178	888
												2EH04505025	37.6	2	104.3	184.6	200	170	878	196.6	200	181	888
												2EH04507525	56.3	2	156.2	210.5	225	230	878	222.5	225	241	888
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	30.0	6.7	8.7	None	-	-	-	155.9	200	167	878	164.6	200	177	887
												2EH04502525	23.0	1	57.7	155.9	200	167	878	164.6	200	177	887
												2EH04505025	45.9	2	115.2	198.3	200	182	878	209.1	225	192	887
												2EH04507525	68.9	2	172.9	227.2	250	249	878	238.0	250	259	887
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	14.3	3.4	4.3	None	-	-	-	77.3	90	82	447	81.6	100	87	451
												2EH04502546	23.0	1	28.8	77.3	90	82	447	81.6	100	87	451
												2EH04505046	45.9	2	57.6	98.4	100	91	447	103.8	110	95	451
												2EH04507546	68.9	2	86.4	112.8	125	124	447	118.2	125	129	451
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	11.5	2.7	3.5	None	-	-	-	62.6	80	67	354	66.1	80	71	358
												2EH04502558	23.0	1	23.0	62.6	80	67	354	66.1	80	71	358
												2EH04505058	45.9	2	46.0	78.6	80	72	354	83.0	90	76	358
												2EH04507558	68.9	2	69.1	90.2	100	99	354	94.6	100	103	358

VFD 4 stage medium static

Table 74: KD15 to KD28 VFD 4 stage medium static without power exhaust

Size, ton	Nominal unit voltage	Comp. 1		Comp. 2		Comp. 3		OD fan motors each FLA	Supply blower motor FLA	120V trans FLA	Electric heat option field installed kit				MCA A	Max f/ b Size A	Min disconnect rating		MCA w/ 120V trans	Max f/ b size w/ 120V trans A	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	13.2	9.6	None	-	-	-	78.3	100	82	440	87.9	110	93	450
											2EH04502525	18.8	1	52.1	81.6	100	82	440	93.6	110	93	450
											2EH04505025	37.6	2	104.3	146.9	150	135	440	158.9	175	146	450
											2EH04507525	56.3	2	156.2	172.7	200	195	440	184.7	200	206	450
	230-3-60	26.3	178.5	27.7	179			2.1	13.2	8.7	None	-	-	-	78.3	100	82	448	87.0	110	92	457
											2EH04502525	23.0	1	57.7	88.6	100	82	448	99.5	110	92	457
											2EH04505025	45.9	2	115.2	160.5	175	148	448	171.4	175	158	457
											2EH04507525	68.9	2	172.9	189.4	225	214	448	200.3	225	224	457
	460-3-60	11.0	95.3	11.5	103			1.1	6.1	4.3	None	-	-	-	33.7	45	35	244	38.0	45	40	249
											2EH04502546	23.0	1	28.8	43.6	45	40	244	49.0	50	45	249
											2EH04505046	45.9	2	57.6	79.6	80	73	244	85.0	90	78	249
											2EH04507546	68.9	2	86.4	94.0	110	106	244	99.4	110	111	249
	575-3-60	9.2	65	9.0	78			0.9	4.9	3.5	None	-	-	-	27.2	35	29	187	30.7	35	33	191
											2EH04502558	23.0	1	23.0	34.9	35	32	187	39.3	40	36	191
											2EH04505058	45.9	2	46.0	63.6	70	59	187	68.0	70	63	191
											2EH04507558	68.9	2	69.1	75.2	90	85	187	79.6	90	89	191
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	20.4	9.6	None	-	-	-	87.0	110	92	559	96.6	125	103	568
											2EH04502525	18.8	1	52.1	90.6	110	92	559	102.6	125	103	568
											2EH04505025	37.6	2	104.3	155.9	175	143	559	167.9	175	154	568
											2EH04507525	56.3	2	156.2	181.7	200	203	559	193.7	200	214	568
	230-3-60	26.8	190.7	28.5	255			2.1	20.4	8.7	None	-	-	-	87.0	110	92	558	95.7	110	102	566
											2EH04502525	23.0	1	57.7	97.6	110	92	558	108.5	110	102	566
											2EH04505025	45.9	2	115.2	169.5	175	156	558	180.4	200	166	566
											2EH04507525	68.9	2	172.9	198.4	225	222	558	209.3	225	232	566
	460-3-60	12.5	100.2	13.5	123			1.1	9.9	4.3	None	-	-	-	41.5	50	44	280	45.8	50	49	284
											2EH04502546	23.0	1	28.8	48.4	50	45	280	53.8	60	49	284
											2EH04505046	45.9	2	57.6	84.4	90	78	280	89.8	90	83	284
											2EH04507546	68.9	2	86.4	98.8	110	111	280	104.2	110	116	284
	575-3-60	9.4	65	10.7	93.7			0.9	7.7	3.5	None	-	-	-	32.3	40	34	203	35.8	45	38	206
											2EH04502558	23.0	1	23.0	38.4	40	35	203	42.8	45	39	206
											2EH04505058	45.9	2	46.0	67.1	70	62	203	71.5	80	66	206
											2EH04507558	68.9	2	69.1	78.7	90	88	203	83.1	90	92	206
20 (20)	208-3-60	26.5	255	33.3	255			2.0	20.4	9.6	None	-	-	-	96.5	125	101	630	106.1	125	112	640
											2EH04502525	18.8	1	52.1	96.5	125	101	630	106.1	125	112	640
											2EH04505025	37.6	2	104.3	155.9	175	143	630	167.9	175	154	640
											2EH04507525	56.3	2	156.2	181.7	200	203	630	193.7	200	214	640
	230-3-60	26.5	255	33.3	255			2.3	20.4	8.7	None	-	-	-	97.7	125	103	632	106.4	125	113	640
											2EH04502525	23.0	1	57.7	97.7	125	103	632	108.5	125	113	640
											2EH04505025	45.9	2	115.2	169.5	175	156	632	180.4	200	166	640
											2EH04507525	68.9	2	172.9	198.4	225	222	632	209.3	225	232	640
	460-3-60	14.0	123	15.4	140			1.3	9.9	4.3	None	-	-	-	48.4	60	51	326	52.7	60	56	330
											2EH04502546	23.0	1	28.8	48.4	60	51	326	53.8	60	56	330
											2EH04505046	45.9	2	57.6	84.4	90	78	326	89.8	90	83	330
											2EH04507546	68.9	2	86.4	98.8	110	111	326	104.2	110	116	330
	575-3-60	11.5	93.7	12.9	107.6			1.0	7.7	3.5	None	-	-	-	39.3	50	42	251	42.8	50	46	254
											2EH04502558	23.0	1	23.0	39.3	50	42	251	42.8	50	46	254
											2EH04505058	45.9	2	46.0	67.1	70	62	251	71.5	80	66	254
											2EH04507558	68.9	2	69.1	78.7	90	88	251	83.1	90	92	254

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Table 74: KD15 to KD28 VFD 4 stage medium static without power exhaust

Size, ton	Nominal unit voltage	Comp. 1		Comp. 2		Comp. 3		OD fan motors each FLA	Supply blower motor FLA	120V trans FLA	Electric heat option field installed kit				MCA A	Max f/ b Size A	Min disconnect rating		MCA w/ 120V trans	Max f/ b size w/ 120V trans A	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	30.0	9.6	None	-	-	-	134.1	175	142	784	143.7	175	153	793
											2EH04502525	18.8	1	52.1	134.1	175	142	784	143.7	175	153	793
											2EH04505025	37.6	2	104.3	167.9	175	154	784	179.9	200	165	793
											2EH04507525	56.3	2	156.2	193.7	200	214	784	205.7	225	225	793
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	30.0	8.7	None	-	-	-	135.3	175	144	786	144.0	175	154	794
											2EH04502525	23.0	1	57.7	135.3	175	144	786	144.0	175	154	794
											2EH04505025	45.9	2	115.2	181.5	200	167	786	192.4	200	177	794
											2EH04507525	68.9	2	172.9	210.4	225	233	786	221.3	225	243	794
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	14.3	4.3	None	-	-	-	61.1	80	65	373	65.4	80	70	377
											2EH04502546	23.0	1	28.8	61.1	80	65	373	65.4	80	70	377
											2EH04505046	45.9	2	57.6	89.9	90	83	373	95.3	100	88	377
											2EH04507546	68.9	2	86.4	104.3	110	116	373	109.7	110	121	377
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	11.5	3.5	None	-	-	-	50.8	60	54	288	54.3	70	58	292
											2EH04502558	23.0	1	23.0	50.8	60	54	288	54.3	70	58	292
											2EH04505058	45.9	2	46.0	71.9	80	66	288	76.3	80	70	292
											2EH04507558	68.9	2	69.1	83.5	90	93	288	87.9	90	97	292
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	39.6	9.6	None	-	-	-	152.1	175	162	915	161.7	200	173	925
											2EH04502525	18.8	1	52.1	152.1	175	162	915	161.7	200	173	925
											2EH04505025	37.6	2	104.3	179.9	200	165	915	191.9	200	177	925
											2EH04507525	56.3	2	156.2	205.7	225	225	915	217.7	250	236	925
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	39.6	8.7	None	-	-	-	152.1	175	162	915	160.8	200	172	924
											2EH04502525	23.0	1	57.7	152.1	175	162	915	160.8	200	172	924
											2EH04505025	45.9	2	115.2	193.5	200	178	915	204.4	225	188	924
											2EH04507525	68.9	2	172.9	222.4	250	244	915	233.3	250	254	924
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	18.7	4.3	None	-	-	-	74.9	90	80	465	79.2	100	85	470
											2EH04502546	23.0	1	28.8	74.9	90	80	465	79.2	100	85	470
											2EH04505046	45.9	2	57.6	95.4	100	88	465	100.8	110	93	470
											2EH04507546	68.9	2	86.4	109.8	125	121	465	115.2	125	126	470
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	14.2	3.5	None	-	-	-	59.9	70	63	372	63.4	80	68	375
											2EH04502558	23.0	1	23.0	59.9	70	63	372	63.4	80	68	375
											2EH04505058	45.9	2	46.0	75.3	80	69	372	79.6	80	73	375
											2EH04507558	68.9	2	69.1	86.9	100	96	372	91.2	100	100	375

Table 75: KD15 to KD28 VFD 4 stage medium static with on/off power exhaust

Size, ton	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors each FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size A	Min Disconnect Rating		MCA w/ 120V trans A	Max f/ b Size w/ 120V trans A	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	13.2	5.0	9.6	None	-	-	-	88.3	110	94	461	97.9	125	105	471
												2EH04502525	18.8	1	52.1	94.1	110	94	461	106.1	125	105	471
												2EH04505025	37.6	2	104.3	159.4	175	147	461	171.4	175	158	471
												2EH04507525	56.3	2	156.2	185.2	200	206	461	197.2	200	217	471
	230-3-60	26.3	178.5	27.7	179			2.1	13.2	5.0	8.7	None	-	-	-	88.3	110	94	469	97.0	110	104	478
												2EH04502525	23.0	1	57.7	101.1	110	94	469	112.0	125	104	478
												2EH04505025	45.9	2	115.2	173.0	175	159	469	183.9	200	169	478
												2EH04507525	68.9	2	172.9	201.9	225	226	469	212.8	225	236	478
	460-3-60	11.0	95.3	11.5	103			1.1	6.1	2.2	4.3	None	-	-	-	38.1	45	40	253	42.4	50	45	258
												2EH04502546	23.0	1	28.8	49.1	50	45	253	54.5	60	50	258
												2EH04505046	45.9	2	57.6	85.1	90	78	253	90.5	100	83	258
												2EH04507546	68.9	2	86.4	99.5	110	111	253	104.9	110	116	258
	575-3-60	9.2	65	9.0	78			0.9	4.9	1.5	3.5	None	-	-	-	30.2	35	32	193	33.7	40	36	197
												2EH04502558	23.0	1	23.0	38.6	40	36	193	43.0	45	40	197
												2EH04505058	45.9	2	46.0	67.4	70	62	193	71.8	80	66	197
												2EH04507558	68.9	2	69.1	79.0	90	89	193	83.4	90	93	197
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	20.4	5.0	9.6	None	-	-	-	97.0	125	103	580	106.6	125	114	589
												2EH04502525	18.8	1	52.1	103.1	125	103	580	115.1	125	114	589
												2EH04505025	37.6	2	104.3	168.4	175	155	580	180.4	200	166	589
												2EH04507525	56.3	2	156.2	194.2	200	215	580	206.2	225	226	589
	230-3-60	26.8	190.7	28.5	255			2.1	20.4	5.0	8.7	None	-	-	-	97.0	125	103	579	105.7	125	113	587
												2EH04502525	23.0	1	57.7	110.1	125	103	579	121.0	125	113	587
												2EH04505025	45.9	2	115.2	182.0	200	167	579	192.9	200	177	587
												2EH04507525	68.9	2	172.9	210.9	225	234	579	221.8	225	244	587
	460-3-60	12.5	100.2	13.5	123			1.1	9.9	2.2	4.3	None	-	-	-	45.9	50	49	289	50.2	60	54	293
												2EH04502546	23.0	1	28.8	53.9	60	50	289	59.3	60	55	293
												2EH04505046	45.9	2	57.6	89.9	90	83	289	95.3	100	88	293
												2EH04507546	68.9	2	86.4	104.3	110	116	289	109.7	110	121	293
	575-3-60	9.4	65	10.7	93.7			0.9	7.7	1.5	3.5	None	-	-	-	35.3	45	37	209	38.8	45	42	213
												2EH04502558	23.0	1	23.0	42.1	45	39	209	46.5	50	43	213
												2EH04505058	45.9	2	46.0	70.9	80	65	209	75.3	80	69	213
												2EH04507558	68.9	2	69.1	82.5	90	92	209	86.9	90	96	213
20 (20)	208-3-60	26.5	255	33.3	255			2.0	20.4	5.0	9.6	None	-	-	-	106.5	125	113	651	116.1	125	124	661
												2EH04502525	18.8	1	52.1	106.5	125	113	651	116.1	125	124	661
												2EH04505025	37.6	2	104.3	168.4	175	155	651	180.4	200	166	661
												2EH04507525	56.3	2	156.2	194.2	200	215	651	206.2	225	226	661
	230-3-60	26.5	255	33.3	255			2.3	20.4	5.0	8.7	None	-	-	-	107.7	125	114	653	116.4	125	124	661
												2EH04502525	23.0	1	57.7	110.1	125	114	653	121.0	125	124	661
												2EH04505025	45.9	2	115.2	182.0	200	167	653	192.9	200	177	661
												2EH04507525	68.9	2	172.9	210.9	225	234	653	221.8	225	244	661
	460-3-60	14.0	123	15.4	140			1.3	9.9	2.2	4.3	None	-	-	-	52.8	60	56	335	57.1	70	61	339
												2EH04502546	23.0	1	28.8	53.9	60	56	335	59.3	70	61	339
												2EH04505046	45.9	2	57.6	89.9	90	83	335	95.3	100	88	339
												2EH04507546	68.9	2	86.4	104.3	110	116	335	109.7	110	121	339
	575-3-60	11.5	93.7	12.9	107.6			1.0	7.7	1.5	3.5	None	-	-	-	42.3	50	45	257	45.8	50	49	260
												2EH04502558	23.0	1	23.0	42.3	50	45	257	46.5	50	49	260
												2EH04505058	45.9	2	46.0	70.9	80	65	257	75.3	80	69	260
												2EH04507558	68.9	2	69.1	82.5	90	92	257	86.9	90	96	260

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Table 75: KD15 to KD28 VFD 4 stage medium static with on/off power exhaust

Size, ton	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors each FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size A	Min Disconnect Rating		MCA w/ 120V trans A	Max f/ b Size w/ 120V trans A	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	30.0	5.0	9.6	None	-	-	-	144.1	175	154	805	153.7	175	165	814
												2EH04502525	18.8	1	52.1	144.1	175	154	805	153.7	175	165	814
												2EH04505025	37.6	2	104.3	180.4	200	166	805	192.4	200	177	814
												2EH04507525	56.3	2	156.2	206.2	225	226	805	218.2	225	237	814
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	30.0	5.0	8.7	None	-	-	-	145.3	175	155	807	154.0	175	165	815
												2EH04502525	23.0	1	57.7	145.3	175	155	807	154.0	175	165	815
												2EH04505025	45.9	2	115.2	194.0	200	178	807	204.9	225	188	815
												2EH04507525	68.9	2	172.9	222.9	250	245	807	233.8	250	255	815
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	14.3	2.2	4.3	None	-	-	-	65.5	80	70	382	69.8	80	75	386
												2EH04502546	23.0	1	28.8	65.5	80	70	382	69.8	80	75	386
												2EH04505046	45.9	2	57.6	95.4	100	88	382	100.8	110	93	386
												2EH04507546	68.9	2	86.4	109.8	110	121	382	115.2	125	126	386
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	11.5	1.5	3.5	None	-	-	-	53.8	70	57	294	57.3	70	61	298
												2EH04502558	23.0	1	23.0	53.8	70	57	294	57.3	70	61	298
												2EH04505058	45.9	2	46.0	75.6	80	70	294	80.0	90	74	298
												2EH04507558	68.9	2	69.1	87.2	90	96	294	91.6	100	100	298
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	39.6	5.0	9.6	None	-	-	-	162.1	200	174	936	171.7	200	185	946
												2EH04502525	18.8	1	52.1	162.1	200	174	936	171.7	200	185	946
												2EH04505025	37.6	2	104.3	192.4	200	177	936	204.4	225	188	946
												2EH04507525	56.3	2	156.2	218.2	250	237	936	230.2	250	248	946
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	39.6	5.0	8.7	None	-	-	-	162.1	200	174	936	170.8	200	184	945
												2EH04502525	23.0	1	57.7	162.1	200	174	936	170.8	200	184	945
												2EH04505025	45.9	2	115.2	206.0	225	190	936	216.9	225	200	945
												2EH04507525	68.9	2	172.9	234.9	250	256	936	245.8	250	266	945
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	18.7	2.2	4.3	None	-	-	-	79.3	100	85	474	83.6	100	90	479
												2EH04502546	23.0	1	28.8	79.3	100	85	474	83.6	100	90	479
												2EH04505046	45.9	2	57.6	100.9	110	93	474	106.3	110	98	479
												2EH04507546	68.9	2	86.4	115.3	125	126	474	120.7	125	131	479
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	14.2	1.5	3.5	None	-	-	-	62.9	80	67	378	66.4	80	71	382
												2EH04502558	23.0	1	23.0	62.9	80	67	378	66.4	80	71	382
												2EH04505058	45.9	2	46.0	79.0	80	73	378	83.4	90	77	382
												2EH04507558	68.9	2	69.1	90.6	100	99	378	95.0	100	103	382

Table 76: KD15 to KD28 VFD 4 stage medium static with modulating power exhaust

Size, ton	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors each FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size A	Min Disconnect Rating		MCA w/ 120V trans A	Max f/ b Size w/ 120V trans A	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	13.2	6.7	9.6	None	-	-	-	91.7	110	98	453	101.3	125	109	463
												2EH04502525	18.8	1	52.1	98.4	110	98	453	110.4	125	109	463
												2EH04505025	37.6	2	104.3	163.6	175	151	453	175.6	200	162	463
												2EH04507525	56.3	2	156.2	189.5	200	210	453	201.5	225	221	463
	230-3-60	26.3	178.5	27.7	179			2.1	13.2	6.7	8.7	None	-	-	-	91.7	110	98	462	100.4	125	108	470
												2EH04502525	23.0	1	57.7	105.4	110	98	462	116.3	125	108	470
												2EH04505025	45.9	2	115.2	177.3	200	163	462	188.1	200	173	470
												2EH04507525	68.9	2	172.9	206.2	225	229	462	217.0	225	239	470
	460-3-60	11.0	95.3	11.5	103			1.1	6.1	3.4	4.3	None	-	-	-	40.5	50	43	251	44.8	50	48	255
												2EH04502546	23.0	1	28.8	52.1	60	48	251	57.5	60	53	255
												2EH04505046	45.9	2	57.6	88.1	90	81	251	93.5	100	86	255
												2EH04507546	68.9	2	86.4	102.5	110	114	251	107.9	110	119	255
	575-3-60	9.2	65	9.0	78			0.9	4.9	2.7	3.5	None	-	-	-	32.6	40	35	192	36.1	45	39	196
												2EH04502558	23.0	1	23.0	41.6	45	38	192	46.0	50	42	196
												2EH04505058	45.9	2	46.0	70.4	80	65	192	74.8	80	69	196
												2EH04507558	68.9	2	69.1	82.0	90	91	192	86.4	90	95	196
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	20.4	6.7	9.6	None	-	-	-	100.4	125	107	572	110.0	125	118	582
												2EH04502525	18.8	1	52.1	107.4	125	107	572	119.4	125	118	582
												2EH04505025	37.6	2	104.3	172.6	175	159	572	184.6	200	170	582
												2EH04507525	56.3	2	156.2	198.5	200	219	572	210.5	225	230	582
	230-3-60	26.8	190.7	28.5	255			2.1	20.4	6.7	8.7	None	-	-	-	100.4	125	107	571	109.1	125	117	580
												2EH04502525	23.0	1	57.7	114.4	125	107	571	125.3	150	117	580
												2EH04505025	45.9	2	115.2	186.3	200	171	571	197.1	200	181	580
												2EH04507525	68.9	2	172.9	215.2	225	238	571	226.0	250	248	580
	460-3-60	12.5	100.2	13.5	123			1.1	9.9	3.4	4.3	None	-	-	-	48.3	60	52	287	52.6	60	57	291
												2EH04502546	23.0	1	28.8	56.9	60	52	287	62.3	70	57	291
												2EH04505046	45.9	2	57.6	92.9	100	85	287	98.3	100	90	291
												2EH04507546	68.9	2	86.4	107.3	110	119	287	112.7	125	124	291
	575-3-60	9.4	65	10.7	93.7			0.9	7.7	2.7	3.5	None	-	-	-	37.7	45	40	208	41.2	50	44	212
												2EH04502558	23.0	1	23.0	45.1	50	42	208	49.5	50	46	212
												2EH04505058	45.9	2	46.0	73.9	80	68	208	78.3	80	72	212
												2EH04507558	68.9	2	69.1	85.5	90	95	208	89.9	90	99	212
20 (20)	208-3-60	26.5	255	33.3	255			2.0	20.4	6.7	9.6	None	-	-	-	109.9	125	117	644	119.5	150	128	653
												2EH04502525	18.8	1	52.1	109.9	125	117	644	119.5	150	128	653
												2EH04505025	37.6	2	104.3	172.6	175	159	644	184.6	200	170	653
												2EH04507525	56.3	2	156.2	198.5	200	219	644	210.5	225	230	653
	230-3-60	26.5	255	33.3	255			2.3	20.4	6.7	8.7	None	-	-	-	111.1	125	118	645	119.8	150	128	654
												2EH04502525	23.0	1	57.7	114.4	125	118	645	125.3	150	128	654
												2EH04505025	45.9	2	115.2	186.3	200	171	645	197.1	200	181	654
												2EH04507525	68.9	2	172.9	215.2	225	238	645	226.0	250	248	654
	460-3-60	14.0	123	15.4	140			1.3	9.9	3.4	4.3	None	-	-	-	55.2	70	59	332	59.5	70	64	337
												2EH04502546	23.0	1	28.8	56.9	70	59	332	62.3	70	64	337
												2EH04505046	45.9	2	57.6	92.9	100	85	332	98.3	100	90	337
												2EH04507546	68.9	2	86.4	107.3	110	119	332	112.7	125	124	337
	575-3-60	11.5	93.7	12.9	107.6			1.0	7.7	2.7	3.5	None	-	-	-	44.7	50	48	256	48.2	60	52	259
												2EH04502558	23.0	1	23.0	45.1	50	48	256	49.5	60	52	259
												2EH04505058	45.9	2	46.0	73.9	80	68	256	78.3	80	72	259
												2EH04507558	68.9	2	69.1	85.5	90	95	256	89.9	90	99	259

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Table 76: KD15 to KD28 VFD 4 stage medium static with modulating power exhaust

Size, ton	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors each FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size A	Min Disconnect Rating		MCA w/ 120V trans A	Max f/ b Size w/ 120V trans A	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	30.0	6.7	9.6	None	-	-	-	147.5	175	158	797	157.1	175	169	807
												2EH04502525	18.8	1	52.1	147.5	175	158	797	157.1	175	169	807
												2EH04505025	37.6	2	104.3	184.6	200	170	797	196.6	200	181	807
												2EH04507525	56.3	2	156.2	210.5	225	230	797	222.5	225	241	807
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	30.0	6.7	8.7	None	-	-	-	148.7	175	159	799	157.4	175	169	808
												2EH04502525	23.0	1	57.7	148.7	175	159	799	157.4	175	169	808
												2EH04505025	45.9	2	115.2	198.3	200	182	799	209.1	225	192	808
												2EH04507525	68.9	2	172.9	227.2	250	249	799	238.0	250	259	808
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	14.3	3.4	4.3	None	-	-	-	67.9	80	73	379	72.2	90	78	384
												2EH04502546	23.0	1	28.8	67.9	80	73	379	72.2	90	78	384
												2EH04505046	45.9	2	57.6	98.4	100	91	379	103.8	110	95	384
												2EH04507546	68.9	2	86.4	112.8	125	124	379	118.2	125	129	384
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	11.5	2.7	3.5	None	-	-	-	56.2	70	60	293	59.7	70	64	297
												2EH04502558	23.0	1	23.0	56.2	70	60	293	59.7	70	64	297
												2EH04505058	45.9	2	46.0	78.6	80	72	293	83.0	90	76	297
												2EH04507558	68.9	2	69.1	90.2	100	99	293	94.6	100	103	297
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	39.6	6.7	9.6	None	-	-	-	165.5	200	178	928	175.1	200	189	938
												2EH04502525	18.8	1	52.1	165.5	200	178	928	175.1	200	189	938
												2EH04505025	37.6	2	104.3	196.6	200	181	928	208.6	225	192	938
												2EH04507525	56.3	2	156.2	222.5	250	241	928	234.5	250	252	938
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	39.6	6.7	8.7	None	-	-	-	165.5	200	178	928	174.2	200	188	937
												2EH04502525	23.0	1	57.7	165.5	200	178	928	174.2	200	188	937
												2EH04505025	45.9	2	115.2	210.3	225	193	928	221.1	225	203	937
												2EH04507525	68.9	2	172.9	239.2	250	260	928	250.0	250	270	937
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	18.7	3.4	4.3	None	-	-	-	81.7	100	88	472	86.0	100	92	476
												2EH04502546	23.0	1	28.8	81.7	100	88	472	86.0	100	92	476
												2EH04505046	45.9	2	57.6	103.9	110	96	472	109.3	110	101	476
												2EH04507546	68.9	2	86.4	118.3	125	129	472	123.7	125	134	476
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	14.2	2.7	3.5	None	-	-	-	65.3	80	70	377	68.8	80	74	381
												2EH04502558	23.0	1	23.0	65.3	80	70	377	68.8	80	74	381
												2EH04505058	45.9	2	46.0	82.0	90	75	377	86.4	90	79	381
												2EH04507558	68.9	2	69.1	93.6	100	102	377	98.0	110	106	381

VFD 4 stage high static

Table 77: KD15 to KD28 VFD 4 stage high static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		Comp. 3		OD fan motors (each) FLA	Supply blower motor FLA	120V trans FLA	Electric heat option field installed kit				MCA A	Max f/ b Size (A)	Min disconnect rating		MCAw / 120V trans	Max f/ b size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	20.4	9.6	None	-	-	-	85.5	110	90	470	95.1	110	101	480
											2EH04502525	18.8	1	52.1	90.6	110	90	470	102.6	110	101	480
											2EH04505025	37.6	2	104.3	155.9	175	143	470	167.9	175	154	480
											2EH04507525	56.3	2	156.2	181.7	200	203	470	193.7	200	214	480
	230-3-60	26.3	178.5	27.7	179			2.1	20.4	8.7	None	-	-	-	85.5	110	90	470	94.2	110	100	478
											2EH04502525	23.0	1	57.7	97.6	110	90	470	108.5	110	100	478
											2EH04505025	45.9	2	115.2	169.5	175	156	470	180.4	200	166	478
											2EH04507525	68.9	2	172.9	198.4	225	222	470	209.3	225	232	478
	460-3-60	11.0	95.3	11.5	103			1.1	9.9	4.3	None	-	-	-	37.5	45	40	255	41.8	50	45	259
											2EH04502546	23.0	1	28.8	48.4	50	45	255	53.8	60	49	259
											2EH04505046	45.9	2	57.6	84.4	90	78	255	89.8	90	83	259
											2EH04507546	68.9	2	86.4	98.8	110	111	255	104.2	110	116	259
	575-3-60	9.2	65	9.0	78			0.9	7.7	3.5	None	-	-	-	30.0	35	32	187	33.5	40	36	191
											2EH04502558	23.0	1	23.0	38.4	40	35	187	42.8	45	39	191
											2EH04505058	45.9	2	46.0	67.1	70	62	187	71.5	80	66	191
											2EH04507558	68.9	2	69.1	78.7	90	88	187	83.1	90	92	191
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	30.0	9.6	None	-	-	-	97.0	125	103	585	106.6	125	114	595
											2EH04502525	18.8	1	52.1	102.6	125	103	585	114.6	125	114	595
											2EH04505025	37.6	2	104.3	167.9	175	154	585	179.9	200	165	595
											2EH04507525	56.3	2	156.2	193.7	200	214	585	205.7	225	225	595
	230-3-60	26.8	190.7	28.5	255			2.1	30.0	8.7	None	-	-	-	97.0	125	103	585	105.7	125	113	594
											2EH04502525	23.0	1	57.7	109.6	125	103	585	120.5	125	113	594
											2EH04505025	45.9	2	115.2	181.5	200	167	585	192.4	200	177	594
											2EH04507525	68.9	2	172.9	210.4	225	233	585	221.3	225	243	594
	460-3-60	12.5	100.2	13.5	123			1.1	14.3	4.3	None	-	-	-	46.1	60	49	294	50.4	60	54	298
											2EH04502546	23.0	1	28.8	53.9	60	50	294	59.3	60	55	298
											2EH04505046	45.9	2	57.6	89.9	90	83	294	95.3	100	88	298
											2EH04507546	68.9	2	86.4	104.3	110	116	294	109.7	110	121	298
	575-3-60	9.4	65	10.7	93.7			0.9	11.5	3.5	None	-	-	-	36.3	45	38	212	39.8	50	42	215
											2EH04502558	23.0	1	23.0	43.1	45	40	212	47.5	50	44	215
											2EH04505058	45.9	2	46.0	71.9	80	66	212	76.3	80	70	215
											2EH04507558	68.9	2	69.1	83.5	90	93	212	87.9	90	97	215
20 (20)	208-3-60	26.5	255	33.3	255			2.0	30.0	9.6	None	-	-	-	106.1	125	112	657	115.7	125	124	667
											2EH04502525	18.8	1	52.1	106.1	125	112	657	115.7	125	124	667
											2EH04505025	37.6	2	104.3	167.9	175	154	657	179.9	200	165	667
											2EH04507525	56.3	2	156.2	193.7	200	214	657	205.7	225	225	667
	230-3-60	26.5	255	33.3	255			2.3	30.0	8.7	None	-	-	-	107.3	125	114	659	116.0	125	124	668
											2EH04502525	23.0	1	57.7	109.6	125	114	659	120.5	125	124	668
											2EH04505025	45.9	2	115.2	181.5	200	167	659	192.4	200	177	668
											2EH04507525	68.9	2	172.9	210.4	225	233	659	221.3	225	243	668
	460-3-60	14.0	123	15.4	140			1.3	14.3	4.3	None	-	-	-	52.8	60	56	339	57.1	70	61	344
											2EH04502546	23.0	1	28.8	53.9	60	56	339	59.3	70	61	344
											2EH04505046	45.9	2	57.6	89.9	90	83	339	95.3	100	88	344
											2EH04507546	68.9	2	86.4	104.3	110	116	339	109.7	110	121	344
	575-3-60	11.5	93.7	12.9	107.6			1.0	11.5	3.5	None	-	-	-	43.1	50	46	259	46.6	50	50	263
											2EH04502558	23.0	1	23.0	43.1	50	46	259	47.5	50	50	263
											2EH04505058	45.9	2	46.0	71.9	80	66	259	76.3	80	70	263
											2EH04507558	68.9	2	69.1	83.5	90	93	259	87.9	90	97	263

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Table 77: KD15 to KD28 VFD 4 stage high static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		Comp. 3		OD fan motors (each) FLA	Supply blower motor FLA	120V trans FLA	Electric heat option field installed kit				MCA A	Max f/ b Size (A)	Min disconnect rating		MCAw / 120V trans	Max f/ b size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	39.6	9.6	None	-	-	-	143.7	175	153	834	153.3	175	164	844
											2EH04502525	18.8	1	52.1	143.7	175	153	834	153.3	175	164	844
											2EH04505025	37.6	2	104.3	179.9	200	165	834	191.9	200	177	844
											2EH04507525	56.3	2	156.2	205.7	225	225	834	217.7	250	236	844
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	39.6	8.7	None	-	-	-	144.9	175	155	836	153.6	175	165	845
											2EH04502525	23.0	1	57.7	144.9	175	155	836	153.6	175	165	845
											2EH04505025	45.9	2	115.2	193.5	200	178	836	204.4	225	188	845
											2EH04507525	68.9	2	172.9	222.4	250	244	836	233.3	250	254	845
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	18.7	4.3	None	-	-	-	65.5	80	70	398	69.8	80	75	402
											2EH04502546	23.0	1	28.8	65.5	80	70	398	69.8	80	75	402
											2EH04505046	45.9	2	57.6	95.4	100	88	398	100.8	110	93	402
											2EH04507546	68.9	2	86.4	109.8	125	121	398	115.2	125	126	402
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	14.2	3.5	None	-	-	-	53.5	70	57	311	57.0	70	61	314
											2EH04502558	23.0	1	23.0	53.5	70	57	311	57.0	70	61	314
											2EH04505058	45.9	2	46.0	75.3	80	69	311	79.6	80	73	314
											2EH04507558	68.9	2	69.1	86.9	100	96	311	91.2	100	100	314
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	39.6	9.6	None	-	-	-	152.1	175	162	975	161.7	200	173	985
											2EH04502525	18.8	1	52.1	152.1	175	162	975	161.7	200	173	985
											2EH04505025	37.6	2	104.3	179.9	200	165	975	191.9	200	177	985
											2EH04507525	56.3	2	156.2	205.7	225	225	975	217.7	250	236	985
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	39.6	8.7	None	-	-	-	152.1	175	162	975	160.8	200	172	984
											2EH04502525	23.0	1	57.7	152.1	175	162	975	160.8	200	172	984
											2EH04505025	45.9	2	115.2	193.5	200	178	975	204.4	225	188	984
											2EH04507525	68.9	2	172.9	222.4	250	244	975	233.3	250	254	984
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	18.7	4.3	None	-	-	-	74.9	90	80	495	79.2	100	85	500
											2EH04502546	23.0	1	28.8	74.9	90	80	495	79.2	100	85	500
											2EH04505046	45.9	2	57.6	95.4	100	88	495	100.8	110	93	500
											2EH04507546	68.9	2	86.4	109.8	125	121	495	115.2	125	126	500
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	14.2	3.5	None	-	-	-	59.9	70	63	391	63.4	80	68	394
											2EH04502558	23.0	1	23.0	59.9	70	63	391	63.4	80	68	394
											2EH04505058	45.9	2	46.0	75.3	80	69	391	79.6	80	73	394
											2EH04507558	68.9	2	69.1	86.9	100	96	391	91.2	100	100	394

Table 78: KD15 to KD28 VFD 4 stage high static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	20.4	5.0	9.6	None	-	-	-	95.5	110	102	491	105.1	125	113	501
												2EH04502525	18.8	1	52.1	103.1	110	102	491	115.1	125	113	501
												2EH04505025	37.6	2	104.3	168.4	175	155	491	180.4	200	166	501
												2EH04507525	56.3	2	156.2	194.2	200	215	491	206.2	225	226	501
	230-3-60	26.3	178.5	27.7	179			2.1	20.4	5.0	8.7	None	-	-	-	95.5	110	102	491	104.2	125	112	499
												2EH04502525	23.0	1	57.7	110.1	125	102	491	121.0	125	112	499
												2EH04505025	45.9	2	115.2	182.0	200	167	491	192.9	200	177	499
												2EH04507525	68.9	2	172.9	210.9	225	234	491	221.8	225	244	499
	460-3-60	11.0	95.3	11.5	103			1.1	9.9	2.2	4.3	None	-	-	-	41.9	50	45	264	46.2	50	50	268
												2EH04502546	23.0	1	28.8	53.9	60	50	264	59.3	60	55	268
												2EH04505046	45.9	2	57.6	89.9	90	83	264	95.3	100	88	268
												2EH04507546	68.9	2	86.4	104.3	110	116	264	109.7	110	121	268
	575-3-60	9.2	65	9.0	78			0.9	7.7	1.5	3.5	None	-	-	-	33.0	40	35	193	36.5	45	39	197
												2EH04502558	23.0	1	23.0	42.1	45	39	193	46.5	50	43	197
												2EH04505058	45.9	2	46.0	70.9	80	65	193	75.3	80	69	197
												2EH04507558	68.9	2	69.1	82.5	90	92	193	86.9	90	96	197
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	30.0	5.0	9.6	None	-	-	-	107.0	125	114	606	116.6	125	125	616
												2EH04502525	18.8	1	52.1	115.1	125	114	606	127.1	150	125	616
												2EH04505025	37.6	2	104.3	180.4	200	166	606	192.4	200	177	616
												2EH04507525	56.3	2	156.2	206.2	225	226	606	218.2	225	237	616
	230-3-60	26.8	190.7	28.5	255			2.1	30.0	5.0	8.7	None	-	-	-	107.0	125	114	606	115.7	125	124	615
												2EH04502525	23.0	1	57.7	122.1	125	114	606	133.0	150	124	615
												2EH04505025	45.9	2	115.2	194.0	200	178	606	204.9	225	188	615
												2EH04507525	68.9	2	172.9	222.9	250	245	606	233.8	250	255	615
	460-3-60	12.5	100.2	13.5	123			1.1	14.3	2.2	4.3	None	-	-	-	50.5	60	54	303	54.8	60	59	307
												2EH04502546	23.0	1	28.8	59.4	60	55	303	64.8	70	60	307
												2EH04505046	45.9	2	57.6	95.4	100	88	303	100.8	110	93	307
												2EH04507546	68.9	2	86.4	109.8	110	121	303	115.2	125	126	307
	575-3-60	9.4	65	10.7	93.7			0.9	11.5	1.5	3.5	None	-	-	-	39.3	50	42	218	42.8	50	46	221
												2EH04502558	23.0	1	23.0	46.9	50	43	218	51.3	60	47	221
												2EH04505058	45.9	2	46.0	75.6	80	70	218	80.0	90	74	221
												2EH04507558	68.9	2	69.1	87.2	90	96	218	91.6	100	100	221
20 (20)	208-3-60	26.5	255	33.3	255			2.0	30.0	5.0	9.6	None	-	-	-	116.1	125	124	678	125.7	150	135	688
												2EH04502525	18.8	1	52.1	116.1	125	124	678	127.1	150	135	688
												2EH04505025	37.6	2	104.3	180.4	200	166	678	192.4	200	177	688
												2EH04507525	56.3	2	156.2	206.2	225	226	678	218.2	225	237	688
	230-3-60	26.5	255	33.3	255			2.3	30.0	5.0	8.7	None	-	-	-	117.3	150	125	680	126.0	150	135	689
												2EH04502525	23.0	1	57.7	122.1	150	125	680	133.0	150	135	689
												2EH04505025	45.9	2	115.2	194.0	200	178	680	204.9	225	188	689
												2EH04507525	68.9	2	172.9	222.9	250	245	680	233.8	250	255	689
	460-3-60	14.0	123	15.4	140			1.3	14.3	2.2	4.3	None	-	-	-	57.2	70	61	349	61.5	70	66	353
												2EH04502546	23.0	1	28.8	59.4	70	61	349	64.8	70	66	353
												2EH04505046	45.9	2	57.6	95.4	100	88	349	100.8	110	93	353
												2EH04507546	68.9	2	86.4	109.8	110	121	349	115.2	125	126	353
	575-3-60	11.5	93.7	12.9	107.6			1.0	11.5	1.5	3.5	None	-	-	-	46.1	50	49	266	49.6	60	53	269
												2EH04502558	23.0	1	23.0	46.9	50	49	266	51.3	60	53	269
												2EH04505058	45.9	2	46.0	75.6	80	70	266	80.0	90	74	269
												2EH04507558	68.9	2	69.1	87.2	90	96	266	91.6	100	100	269

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Table 78: KD15 to KD28 VFD 4 stage high static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	39.6	5.0	9.6	None	-	-	-	153.7	175	165	855	163.3	200	176	865
												2EH04502525	18.8	1	52.1	153.7	175	165	855	163.3	200	176	865
												2EH04505025	37.6	2	104.3	192.4	200	177	855	204.4	225	188	865
												2EH04507525	56.3	2	156.2	218.2	250	237	855	230.2	250	248	865
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	39.6	5.0	8.7	None	-	-	-	154.9	175	166	857	163.6	200	176	866
												2EH04502525	23.0	1	57.7	154.9	175	166	857	163.6	200	176	866
												2EH04505025	45.9	2	115.2	206.0	225	190	857	216.9	225	200	866
												2EH04507525	68.9	2	172.9	234.9	250	256	857	245.8	250	266	866
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	18.7	2.2	4.3	None	-	-	-	69.9	80	75	407	74.2	90	80	411
												2EH04502546	23.0	1	28.8	69.9	80	75	407	74.2	90	80	411
												2EH04505046	45.9	2	57.6	100.9	110	93	407	106.3	110	98	411
												2EH04507546	68.9	2	86.4	115.3	125	126	407	120.7	125	131	411
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	14.2	1.5	3.5	None	-	-	-	56.5	70	60	317	60.0	70	64	321
												2EH04502558	23.0	1	23.0	56.5	70	60	317	60.0	70	64	321
												2EH04505058	45.9	2	46.0	79.0	80	73	317	83.4	90	77	321
												2EH04507558	68.9	2	69.1	90.6	100	99	317	95.0	100	103	321
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	39.6	5.0	9.6	None	-	-	-	162.1	200	174	996	171.7	200	185	1006
												2EH04502525	18.8	1	52.1	162.1	200	174	996	171.7	200	185	1006
												2EH04505025	37.6	2	104.3	192.4	200	177	996	204.4	225	188	1006
												2EH04507525	56.3	2	156.2	218.2	250	237	996	230.2	250	248	1006
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	39.6	5.0	8.7	None	-	-	-	162.1	200	174	996	170.8	200	184	1005
												2EH04502525	23.0	1	57.7	162.1	200	174	996	170.8	200	184	1005
												2EH04505025	45.9	2	115.2	206.0	225	190	996	216.9	225	200	1005
												2EH04507525	68.9	2	172.9	234.9	250	256	996	245.8	250	266	1005
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	18.7	2.2	4.3	None	-	-	-	79.3	100	85	504	83.6	100	90	509
												2EH04502546	23.0	1	28.8	79.3	100	85	504	83.6	100	90	509
												2EH04505046	45.9	2	57.6	100.9	110	93	504	106.3	110	98	509
												2EH04507546	68.9	2	86.4	115.3	125	126	504	120.7	125	131	509
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	14.2	1.5	3.5	None	-	-	-	62.9	80	67	397	66.4	80	71	401
												2EH04502558	23.0	1	23.0	62.9	80	67	397	66.4	80	71	401
												2EH04505058	45.9	2	46.0	79.0	80	73	397	83.4	90	77	401
												2EH04507558	68.9	2	69.1	90.6	100	99	397	95.0	100	103	401

Table 79: KD15 to KD28 VFD 4 stage high static with modulating power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	20.4	6.7	9.6	None	-	-	-	98.9	125	106	484	108.5	125	117	493
												2EH04502525	18.8	1	52.1	107.4	125	106	484	119.4	125	117	493
												2EH04505025	37.6	2	104.3	172.6	175	159	484	184.6	200	170	493
												2EH04507525	56.3	2	156.2	198.5	200	219	484	210.5	225	230	493
	230-3-60	26.3	178.5	27.7	179			2.1	20.4	6.7	8.7	None	-	-	-	98.9	125	106	483	107.6	125	116	492
												2EH04502525	23.0	1	57.7	114.4	125	106	483	125.3	150	116	492
												2EH04505025	45.9	2	115.2	186.3	200	171	483	197.1	200	181	492
												2EH04507525	68.9	2	172.9	215.2	225	238	483	226.0	250	248	492
	460-3-60	11.0	95.3	11.5	103			1.1	9.9	3.4	4.3	None	-	-	-	44.3	50	48	262	48.6	60	53	266
												2EH04502546	23.0	1	28.8	56.9	60	52	262	62.3	70	57	266
												2EH04505046	45.9	2	57.6	92.9	100	85	262	98.3	100	90	266
												2EH04507546	68.9	2	86.4	107.3	110	119	262	112.7	125	124	266
	575-3-60	9.2	65	9.0	78			0.9	7.7	2.7	3.5	None	-	-	-	35.4	40	38	192	38.9	45	42	196
												2EH04502558	23.0	1	23.0	45.1	50	42	192	49.5	50	46	196
												2EH04505058	45.9	2	46.0	73.9	80	68	192	78.3	80	72	196
												2EH04507558	68.9	2	69.1	85.5	90	95	192	89.9	90	99	196
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	30.0	6.7	9.6	None	-	-	-	110.4	125	118	599	120.0	150	129	608
												2EH04502525	18.8	1	52.1	119.4	125	118	599	131.4	150	129	608
												2EH04505025	37.6	2	104.3	184.6	200	170	599	196.6	200	181	608
												2EH04507525	56.3	2	156.2	210.5	225	230	599	222.5	225	241	608
	230-3-60	26.8	190.7	28.5	255			2.1	30.0	6.7	8.7	None	-	-	-	110.4	125	118	599	119.1	125	128	607
												2EH04502525	23.0	1	57.7	126.4	150	118	599	137.3	150	128	607
												2EH04505025	45.9	2	115.2	198.3	200	182	599	209.1	225	192	607
												2EH04507525	68.9	2	172.9	227.2	250	249	599	238.0	250	259	607
	460-3-60	12.5	100.2	13.5	123			1.1	14.3	3.4	4.3	None	-	-	-	52.9	60	57	300	57.2	70	62	305
												2EH04502546	23.0	1	28.8	62.4	70	57	300	67.8	70	62	305
												2EH04505046	45.9	2	57.6	98.4	100	91	300	103.8	110	95	305
												2EH04507546	68.9	2	86.4	112.8	125	124	300	118.2	125	129	305
	575-3-60	9.4	65	10.7	93.7			0.9	11.5	2.7	3.5	None	-	-	-	41.7	50	45	217	45.2	50	49	220
												2EH04502558	23.0	1	23.0	49.9	50	46	217	54.3	60	50	220
												2EH04505058	45.9	2	46.0	78.6	80	72	217	83.0	90	76	220
												2EH04507558	68.9	2	69.1	90.2	100	99	217	94.6	100	103	220
20 (20)	208-3-60	26.5	255	33.3	255			2.0	30.0	6.7	9.6	None	-	-	-	119.5	150	128	671	129.1	150	139	680
												2EH04502525	18.8	1	52.1	119.5	150	128	671	131.4	150	139	680
												2EH04505025	37.6	2	104.3	184.6	200	170	671	196.6	200	181	680
												2EH04507525	56.3	2	156.2	210.5	225	230	671	222.5	225	241	680
	230-3-60	26.5	255	33.3	255			2.3	30.0	6.7	8.7	None	-	-	-	120.7	150	129	673	129.4	150	139	681
												2EH04502525	23.0	1	57.7	126.4	150	129	673	137.3	150	139	681
												2EH04505025	45.9	2	115.2	198.3	200	182	673	209.1	225	192	681
												2EH04507525	68.9	2	172.9	227.2	250	249	673	238.0	250	259	681
	460-3-60	14.0	123	15.4	140			1.3	14.3	3.4	4.3	None	-	-	-	59.6	70	64	346	63.9	70	69	350
												2EH04502546	23.0	1	28.8	62.4	70	64	346	67.8	70	69	350
												2EH04505046	45.9	2	57.6	98.4	100	91	346	103.8	110	95	350
												2EH04507546	68.9	2	86.4	112.8	125	124	346	118.2	125	129	350
	575-3-60	11.5	93.7	12.9	107.6			1.0	11.5	2.7	3.5	None	-	-	-	48.5	60	52	265	52.0	60	56	268
												2EH04502558	23.0	1	23.0	49.9	60	52	265	54.3	60	56	268
												2EH04505058	45.9	2	46.0	78.6	80	72	265	83.0	90	76	268
												2EH04507558	68.9	2	69.1	90.2	100	99	265	94.6	100	103	268

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Table 79: KD15 to KD28 VFD 4 stage high static with modulating power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	39.6	6.7	9.6	None	-	-	-	157.1	175	169	847	166.7	200	180	857
												2EH04502525	18.8	1	52.1	157.1	175	169	847	166.7	200	180	857
												2EH04505025	37.6	2	104.3	196.6	200	181	847	208.6	225	192	857
												2EH04507525	56.3	2	156.2	222.5	250	241	847	234.5	250	252	857
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	39.6	6.7	8.7	None	-	-	-	158.3	175	170	849	167.0	200	180	858
												2EH04502525	23.0	1	57.7	158.3	175	170	849	167.0	200	180	858
												2EH04505025	45.9	2	115.2	210.3	225	193	849	221.1	225	203	858
												2EH04507525	68.9	2	172.9	239.2	250	260	849	250.0	250	270	858
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	18.7	3.4	4.3	None	-	-	-	72.3	90	78	405	76.6	90	83	409
												2EH04502546	23.0	1	28.8	72.3	90	78	405	76.6	90	83	409
												2EH04505046	45.9	2	57.6	103.9	110	96	405	109.3	110	101	409
												2EH04507546	68.9	2	86.4	118.3	125	129	405	123.7	125	134	409
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	14.2	2.7	3.5	None	-	-	-	58.9	70	63	316	62.4	70	67	320
												2EH04502558	23.0	1	23.0	58.9	70	63	316	62.4	70	67	320
												2EH04505058	45.9	2	46.0	82.0	90	75	316	86.4	90	79	320
												2EH04507558	68.9	2	69.1	93.6	100	102	316	98.0	110	106	320
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	39.6	6.7	9.6	None	-	-	-	165.5	200	178	988	175.1	200	189	998
												2EH04502525	18.8	1	52.1	165.5	200	178	988	175.1	200	189	998
												2EH04505025	37.6	2	104.3	196.6	200	181	988	208.6	225	192	998
												2EH04507525	56.3	2	156.2	222.5	250	241	988	234.5	250	252	998
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	39.6	6.7	8.7	None	-	-	-	165.5	200	178	988	174.2	200	188	997
												2EH04502525	23.0	1	57.7	165.5	200	178	988	174.2	200	188	997
												2EH04505025	45.9	2	115.2	210.3	225	193	988	221.1	225	203	997
												2EH04507525	68.9	2	172.9	239.2	250	260	988	250.0	250	270	997
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	18.7	3.4	4.3	None	-	-	-	81.7	100	88	502	86.0	100	92	506
												2EH04502546	23.0	1	28.8	81.7	100	88	502	86.0	100	92	506
												2EH04505046	45.9	2	57.6	103.9	110	96	502	109.3	110	101	506
												2EH04507546	68.9	2	86.4	118.3	125	129	502	123.7	125	134	506
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	14.2	2.7	3.5	None	-	-	-	65.3	80	70	396	68.8	80	74	400
												2EH04502558	23.0	1	23.0	65.3	80	70	396	68.8	80	74	400
												2EH04505058	45.9	2	46.0	82.0	90	75	396	86.4	90	79	400
												2EH04507558	68.9	2	69.1	93.6	100	102	396	98.0	110	106	400

VFD customer supplied standard static

Table 80: KD15 to KD28 VFD customer supplied standard static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		Comp. 3		OD fan motors (each) FLA	Supply blower motor FLA	120V trans FLA	Electric heat option field installed kit				MCA A	Max f/ b Size (A)	Min disconnect rating		MCAw / 120V trans	Max f/ b size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	8.9	9.6	None	-	-	-	74.0	100	77	429	83.6	110	88	439
											2EH04502525	18.8	1	52.1	76.3	100	77	429	88.3	110	88	439
											2EH04505025	37.6	2	104.3	141.5	150	130	429	153.5	175	141	439
											2EH04507525	56.3	2	156.2	167.3	200	190	429	179.3	200	201	439
	230-3-60	26.3	178.5	27.7	179			2.1	8.2	8.7	None	-	-	-	73.3	100	76	437	82.0	100	86	445
											2EH04502525	23.0	1	57.7	82.4	100	76	437	93.3	100	86	445
											2EH04505025	45.9	2	115.2	154.3	175	142	437	165.1	175	152	445
											2EH04507525	68.9	2	172.9	183.2	200	208	437	194.0	225	218	445
	460-3-60	11.0	95.3	11.5	103			1.1	4.1	4.3	None	-	-	-	31.7	40	33	238	36.0	45	38	243
											2EH04502546	23.0	1	28.8	41.1	45	38	238	46.5	50	43	243
											2EH04505046	45.9	2	57.6	77.1	80	71	238	82.5	90	76	243
											2EH04507546	68.9	2	86.4	91.5	100	104	238	96.9	100	109	243
	575-3-60	9.2	65	9.0	78			0.9	3.2	3.5	None	-	-	-	25.5	30	27	173	29.0	35	31	177
											2EH04502558	23.0	1	23.0	32.8	35	30	173	37.1	40	34	177
											2EH04505058	45.9	2	46.0	61.5	70	57	173	65.9	70	61	177
											2EH04507558	68.9	2	69.1	73.1	80	83	173	77.5	80	87	177
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	9.9	9.6	None	-	-	-	76.5	100	80	528	86.1	110	91	538
											2EH04502525	18.8	1	52.1	77.5	100	80	528	89.5	110	91	538
											2EH04505025	37.6	2	104.3	142.8	150	131	528	154.8	175	142	538
											2EH04507525	56.3	2	156.2	168.6	200	191	528	180.6	200	202	538
	230-3-60	26.8	190.7	28.5	255			2.1	9.4	8.7	None	-	-	-	76.0	100	79	536	84.7	110	89	545
											2EH04502525	23.0	1	57.7	83.9	100	79	536	94.8	110	89	545
											2EH04505025	45.9	2	115.2	155.8	175	143	536	166.6	175	153	545
											2EH04507525	68.9	2	172.9	184.7	200	210	536	195.5	225	220	545
	460-3-60	12.5	100.2	13.5	123			1.1	4.7	4.3	None	-	-	-	36.3	45	38	269	40.6	50	43	273
											2EH04502546	23.0	1	28.8	41.9	45	39	269	47.3	50	43	273
											2EH04505046	45.9	2	57.6	77.9	80	72	269	83.3	90	77	273
											2EH04507546	68.9	2	86.4	92.3	100	105	269	97.7	110	110	273
	575-3-60	9.4	65	10.7	93.7			0.9	4.3	3.5	None	-	-	-	28.9	35	30	203	32.4	40	34	206
											2EH04502558	23.0	1	23.0	34.1	35	31	203	38.5	40	35	206
											2EH04505058	45.9	2	46.0	62.9	70	58	203	67.3	70	62	206
											2EH04507558	68.9	2	69.1	74.5	80	84	203	78.9	90	88	206
20 (20)	208-3-60	26.5	255	33.3	255			2.0	13.5	9.6	None	-	-	-	89.6	110	93	630	99.2	125	105	640
											2EH04502525	18.8	1	52.1	89.6	110	93	630	99.2	125	105	640
											2EH04505025	37.6	2	104.3	147.3	150	135	630	159.3	175	147	640
											2EH04507525	56.3	2	156.2	173.1	200	195	630	185.1	200	206	640
	230-3-60	26.5	255	33.3	255			2.3	13.4	8.7	None	-	-	-	90.7	110	95	632	99.4	125	105	640
											2EH04502525	23.0	1	57.7	90.7	110	95	632	99.8	125	105	640
											2EH04505025	45.9	2	115.2	160.8	175	148	632	171.6	175	158	640
											2EH04507525	68.9	2	172.9	189.7	225	214	632	200.5	225	224	640
	460-3-60	14.0	123	15.4	140			1.3	6.7	4.3	None	-	-	-	45.2	60	47	326	49.5	60	52	330
											2EH04502546	23.0	1	28.8	45.2	60	47	326	49.8	60	52	330
											2EH04505046	45.9	2	57.6	80.4	90	74	326	85.8	90	79	330
											2EH04507546	68.9	2	86.4	94.8	110	107	326	100.2	110	112	330
	575-3-60	11.5	93.7	12.9	107.6			1.0	5.4	3.5	None	-	-	-	37.0	45	39	251	40.5	50	43	254
											2EH04502558	23.0	1	23.0	37.0	45	39	251	40.5	50	43	254
											2EH04505058	45.9	2	46.0	64.3	70	59	251	68.6	70	63	254
											2EH04507558	68.9	2	69.1	75.9	90	86	251	80.2	90	90	254

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Table 80: KD15 to KD28 VFD customer supplied standard static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		Comp. 3		OD fan motors (each) FLA	Supply blower motor FLA	120V trans FLA	Electric heat option field installed kit				MCA A	Max f/ b Size (A)	Min disconnect rating		MCAw / 120V trans	Max f/ b size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	13.5	9.6	None	-	-	-	117.6	150	123	757	127.2	150	134	766
											2EH04502525	18.8	1	52.1	117.6	150	123	757	127.2	150	134	766
											2EH04505025	37.6	2	104.3	147.3	150	135	757	159.3	175	147	766
											2EH04507525	56.3	2	156.2	173.1	200	195	757	185.1	200	206	766
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	13.4	8.7	None	-	-	-	118.7	150	125	758	127.4	150	135	767
											2EH04502525	23.0	1	57.7	118.7	150	125	758	127.4	150	135	767
											2EH04505025	45.9	2	115.2	160.8	175	148	758	171.6	175	158	767
											2EH04507525	68.9	2	172.9	189.7	225	214	758	200.5	225	224	767
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	6.7	4.3	None	-	-	-	53.5	70	56	359	57.8	70	61	363
											2EH04502546	23.0	1	28.8	53.5	70	56	359	57.8	70	61	363
											2EH04505046	45.9	2	57.6	80.4	90	74	359	85.8	90	79	363
											2EH04507546	68.9	2	86.4	94.8	110	107	359	100.2	110	112	363
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	5.4	3.5	None	-	-	-	44.7	60	47	279	48.2	60	51	283
											2EH04502558	23.0	1	23.0	44.7	60	47	279	48.2	60	51	283
											2EH04505058	45.9	2	46.0	64.3	70	59	279	68.6	70	63	283
											2EH04507558	68.9	2	69.1	75.9	90	86	279	80.2	90	90	283
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	19.8	9.6	None	-	-	-	132.3	175	139	865	141.9	175	150	874
											2EH04502525	18.8	1	52.1	132.3	175	139	865	141.9	175	150	874
											2EH04505025	37.6	2	104.3	155.1	175	143	865	167.1	175	154	874
											2EH04507525	56.3	2	156.2	181.0	200	202	865	193.0	200	213	874
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	19.8	8.7	None	-	-	-	132.3	175	139	865	141.0	175	149	873
											2EH04502525	23.0	1	57.7	132.3	175	139	865	141.0	175	149	873
											2EH04505025	45.9	2	115.2	168.8	175	155	865	179.6	200	165	873
											2EH04507525	68.9	2	172.9	197.7	225	222	865	208.5	225	232	873
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	9.9	4.3	None	-	-	-	66.1	80	70	440	70.4	90	75	444
											2EH04502546	23.0	1	28.8	66.1	80	70	440	70.4	90	75	444
											2EH04505046	45.9	2	57.6	84.4	90	78	440	89.8	90	83	444
											2EH04507546	68.9	2	86.4	98.8	110	111	440	104.2	110	116	444
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	7.9	3.5	None	-	-	-	53.6	70	56	349	57.1	70	60	352
											2EH04502558	23.0	1	23.0	53.6	70	56	349	57.1	70	60	352
											2EH04505058	45.9	2	46.0	67.4	70	62	349	71.8	80	66	352
											2EH04507558	68.9	2	69.1	79.0	90	89	349	83.4	90	93	352

Table 81: KD15 to KD28 VFD customer supplied standard static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	8.9	5.0	9.6	None	-	-	-	84.0	110	89	450	93.6	110	100	460
												2EH04502525	18.8	1	52.1	88.8	110	89	450	100.8	110	100	460
												2EH04505025	37.6	2	104.3	154.0	175	142	450	166.0	175	153	460
												2EH04507525	56.3	2	156.2	179.8	200	201	450	191.8	200	212	460
	230-3-60	26.3	178.5	27.7	179			2.1	8.2	5.0	8.7	None	-	-	-	83.3	110	88	458	92.0	110	98	466
												2EH04502525	23.0	1	57.7	94.9	110	88	458	105.8	110	98	466
												2EH04505025	45.9	2	115.2	166.8	175	153	458	177.6	200	163	466
												2EH04507525	68.9	2	172.9	195.7	225	220	458	206.5	225	230	466
	460-3-60	11.0	95.3	11.5	103			1.1	4.1	2.2	4.3	None	-	-	-	36.1	45	38	248	40.4	50	43	252
												2EH04502546	23.0	1	28.8	46.6	50	43	248	52.0	60	48	252
												2EH04505046	45.9	2	57.6	82.6	90	76	248	88.0	90	81	252
												2EH04507546	68.9	2	86.4	97.0	110	109	248	102.4	110	114	252
	575-3-60	9.2	65	9.0	78			0.9	3.2	1.5	3.5	None	-	-	-	28.5	35	30	180	32.0	40	34	183
												2EH04502558	23.0	1	23.0	36.5	40	34	180	40.9	45	38	183
												2EH04505058	45.9	2	46.0	65.3	70	60	180	69.6	70	64	183
												2EH04507558	68.9	2	69.1	76.9	80	87	180	81.2	90	91	183
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	9.9	5.0	9.6	None	-	-	-	86.5	110	91	549	96.1	110	102	559
												2EH04502525	18.8	1	52.1	90.0	110	91	549	102.0	110	102	559
												2EH04505025	37.6	2	104.3	155.3	175	143	549	167.3	175	154	559
												2EH04507525	56.3	2	156.2	181.1	200	203	549	193.1	200	214	559
	230-3-60	26.8	190.7	28.5	255			2.1	9.4	5.0	8.7	None	-	-	-	86.0	110	91	557	94.7	110	101	566
												2EH04502525	23.0	1	57.7	96.4	110	91	557	107.3	110	101	566
												2EH04505025	45.9	2	115.2	168.3	175	155	557	179.1	200	165	566
												2EH04507525	68.9	2	172.9	197.2	225	221	557	208.0	225	231	566
	460-3-60	12.5	100.2	13.5	123			1.1	4.7	2.2	4.3	None	-	-	-	40.7	50	43	278	45.0	50	48	283
												2EH04502546	23.0	1	28.8	47.4	50	44	278	52.8	60	49	283
												2EH04505046	45.9	2	57.6	83.4	90	77	278	88.8	90	82	283
												2EH04507546	68.9	2	86.4	97.8	110	110	278	103.2	110	115	283
	575-3-60	9.4	65	10.7	93.7			0.9	4.3	1.5	3.5	None	-	-	-	31.9	40	34	209	35.4	45	38	213
												2EH04502558	23.0	1	23.0	37.9	40	35	209	42.3	45	39	213
												2EH04505058	45.9	2	46.0	66.6	70	61	209	71.0	80	65	213
												2EH04507558	68.9	2	69.1	78.2	90	88	209	82.6	90	92	213
20 (20)	208-3-60	26.5	255	33.3	255			2.0	13.5	5.0	9.6	None	-	-	-	99.6	125	105	651	109.2	125	116	661
												2EH04502525	18.8	1	52.1	99.6	125	105	651	109.2	125	116	661
												2EH04505025	37.6	2	104.3	159.8	175	147	651	171.8	175	158	661
												2EH04507525	56.3	2	156.2	185.6	200	207	651	197.6	200	218	661
	230-3-60	26.5	255	33.3	255			2.3	13.4	5.0	8.7	None	-	-	-	100.7	125	106	653	109.4	125	116	661
												2EH04502525	23.0	1	57.7	101.4	125	106	653	112.3	125	116	661
												2EH04505025	45.9	2	115.2	173.3	175	159	653	184.1	200	169	661
												2EH04507525	68.9	2	172.9	202.2	225	226	653	213.0	225	236	661
	460-3-60	14.0	123	15.4	140			1.3	6.7	2.2	4.3	None	-	-	-	49.6	60	53	335	53.9	60	58	339
												2EH04502546	23.0	1	28.8	49.9	60	53	335	55.3	60	58	339
												2EH04505046	45.9	2	57.6	85.9	90	79	335	91.3	100	84	339
												2EH04507546	68.9	2	86.4	100.3	110	112	335	105.7	110	117	339
	575-3-60	11.5	93.7	12.9	107.6			1.0	5.4	1.5	3.5	None	-	-	-	40.0	50	42	257	43.5	50	46	260
												2EH04502558	23.0	1	23.0	40.0	50	42	257	43.6	50	46	260
												2EH04505058	45.9	2	46.0	68.0	70	63	257	72.4	80	67	260
												2EH04507558	68.9	2	69.1	79.6	90	89	257	84.0	90	93	260

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Table 81: KD15 to KD28 VFD customer supplied standard static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	13.5	5.0	9.6	None	-	-	-	127.6	150	135	778	137.2	175	146	787
												2EH04502525	18.8	1	52.1	127.6	150	135	778	137.2	175	146	787
												2EH04505025	37.6	2	104.3	159.8	175	147	778	171.8	175	158	787
												2EH04507525	56.3	2	156.2	185.6	200	207	778	197.6	200	218	787
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	13.4	5.0	8.7	None	-	-	-	128.7	150	136	779	137.4	175	146	788
												2EH04502525	23.0	1	57.7	128.7	150	136	779	137.4	175	146	788
												2EH04505025	45.9	2	115.2	173.3	175	159	779	184.1	200	169	788
												2EH04507525	68.9	2	172.9	202.2	225	226	779	213.0	225	236	788
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	6.7	2.2	4.3	None	-	-	-	57.9	70	61	368	62.2	80	66	372
												2EH04502546	23.0	1	28.8	57.9	70	61	368	62.2	80	66	372
												2EH04505046	45.9	2	57.6	85.9	90	79	368	91.3	100	84	372
												2EH04507546	68.9	2	86.4	100.3	110	112	368	105.7	110	117	372
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	5.4	1.5	3.5	None	-	-	-	47.7	60	50	286	51.2	60	54	289
												2EH04502558	23.0	1	23.0	47.7	60	50	286	51.2	60	54	289
												2EH04505058	45.9	2	46.0	68.0	70	63	286	72.4	80	67	289
												2EH04507558	68.9	2	69.1	79.6	90	89	286	84.0	90	93	289
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	19.8	5.0	9.6	None	-	-	-	142.3	175	151	886	151.9	175	162	895
												2EH04502525	18.8	1	52.1	142.3	175	151	886	151.9	175	162	895
												2EH04505025	37.6	2	104.3	167.6	175	154	886	179.6	200	165	895
												2EH04507525	56.3	2	156.2	193.5	200	214	886	205.5	225	225	895
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	19.8	5.0	8.7	None	-	-	-	142.3	175	151	886	151.0	175	161	894
												2EH04502525	23.0	1	57.7	142.3	175	151	886	151.0	175	161	894
												2EH04505025	45.9	2	115.2	181.3	200	167	886	192.1	200	177	894
												2EH04507525	68.9	2	172.9	210.2	225	233	886	221.0	225	243	894
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	9.9	2.2	4.3	None	-	-	-	70.5	90	75	449	74.8	90	80	453
												2EH04502546	23.0	1	28.8	70.5	90	75	449	74.8	90	80	453
												2EH04505046	45.9	2	57.6	89.9	90	83	449	95.3	100	88	453
												2EH04507546	68.9	2	86.4	104.3	110	116	449	109.7	110	121	453
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	7.9	1.5	3.5	None	-	-	-	56.6	70	60	355	60.1	70	64	359
												2EH04502558	23.0	1	23.0	56.6	70	60	355	60.1	70	64	359
												2EH04505058	45.9	2	46.0	71.1	80	65	355	75.5	80	69	359
												2EH04507558	68.9	2	69.1	82.7	90	92	355	87.1	90	96	359

Table 82: KD15 to KD28 VFD customer supplied standard static with modulating power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	8.9	6.7	9.6	None	-	-	-	87.4	110	93	443	97.0	110	104	452
												2EH04502525	18.8	1	52.1	93.0	110	93	443	105.0	110	104	452
												2EH04505025	37.6	2	104.3	158.3	175	146	443	170.3	175	157	452
												2EH04507525	56.3	2	156.2	184.1	200	205	443	196.1	200	216	452
	230-3-60	26.3	178.5	27.7	179			2.1	8.2	6.7	8.7	None	-	-	-	86.7	110	92	450	95.4	110	102	459
												2EH04502525	23.0	1	57.7	99.1	110	92	450	110.0	110	102	459
												2EH04505025	45.9	2	115.2	171.0	175	157	450	181.9	200	167	459
												2EH04507525	68.9	2	172.9	199.9	225	224	450	210.8	225	234	459
	460-3-60	11.0	95.3	11.5	103			1.1	4.1	3.4	4.3	None	-	-	-	38.5	50	41	245	42.8	50	46	250
												2EH04502546	23.0	1	28.8	49.6	50	46	245	55.0	60	51	250
												2EH04505046	45.9	2	57.6	85.6	90	79	245	91.0	100	84	250
												2EH04507546	68.9	2	86.4	100.0	110	112	245	105.4	110	117	250
	575-3-60	9.2	65	9.0	78			0.9	3.2	2.7	3.5	None	-	-	-	30.9	40	33	179	34.4	40	37	182
												2EH04502558	23.0	1	23.0	39.5	40	36	179	43.9	45	40	182
												2EH04505058	45.9	2	46.0	68.3	70	63	179	72.6	80	67	182
												2EH04507558	68.9	2	69.1	79.9	90	89	179	84.2	90	93	182
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	9.9	6.7	9.6	None	-	-	-	89.9	110	95	542	99.5	125	106	551
												2EH04502525	18.8	1	52.1	94.3	110	95	542	106.3	125	106	551
												2EH04505025	37.6	2	104.3	159.5	175	147	542	171.5	175	158	551
												2EH04507525	56.3	2	156.2	185.3	200	206	542	197.3	200	217	551
	230-3-60	26.8	190.7	28.5	255			2.1	9.4	6.7	8.7	None	-	-	-	89.4	110	95	550	98.1	125	105	558
												2EH04502525	23.0	1	57.7	100.6	110	95	550	111.5	125	105	558
												2EH04505025	45.9	2	115.2	172.5	175	159	550	183.4	200	169	558
												2EH04507525	68.9	2	172.9	201.4	225	225	550	212.3	225	235	558
	460-3-60	12.5	100.2	13.5	123			1.1	4.7	3.4	4.3	None	-	-	-	43.1	50	46	276	47.4	60	51	280
												2EH04502546	23.0	1	28.8	50.4	60	46	276	55.8	60	51	280
												2EH04505046	45.9	2	57.6	86.4	90	79	276	91.8	100	84	280
												2EH04507546	68.9	2	86.4	100.8	110	113	276	106.2	110	118	280
	575-3-60	9.4	65	10.7	93.7			0.9	4.3	2.7	3.5	None	-	-	-	34.3	45	36	208	37.8	45	40	212
												2EH04502558	23.0	1	23.0	40.9	45	38	208	45.3	50	42	212
												2EH04505058	45.9	2	46.0	69.6	70	64	208	74.0	80	68	212
												2EH04507558	68.9	2	69.1	81.2	90	91	208	85.6	90	95	212
20 (20)	208-3-60	26.5	255	33.3	255			2.0	13.5	6.7	9.6	None	-	-	-	103.0	125	109	644	112.6	125	120	653
												2EH04502525	18.8	1	52.1	103.0	125	109	644	112.6	125	120	653
												2EH04505025	37.6	2	104.3	164.0	175	151	644	176.0	200	162	653
												2EH04507525	56.3	2	156.2	189.8	200	211	644	201.8	225	222	653
	230-3-60	26.5	255	33.3	255			2.3	13.4	6.7	8.7	None	-	-	-	104.1	125	110	645	112.8	125	120	654
												2EH04502525	23.0	1	57.7	105.6	125	110	645	116.5	125	120	654
												2EH04505025	45.9	2	115.2	177.5	200	163	645	188.4	200	173	654
												2EH04507525	68.9	2	172.9	206.4	225	230	645	217.3	225	240	654
	460-3-60	14.0	123	15.4	140			1.3	6.7	3.4	4.3	None	-	-	-	52.0	60	55	332	56.3	70	60	337
												2EH04502546	23.0	1	28.8	52.9	60	55	332	58.3	70	60	337
												2EH04505046	45.9	2	57.6	88.9	90	82	332	94.3	100	87	337
												2EH04507546	68.9	2	86.4	103.3	110	115	332	108.7	110	120	337
	575-3-60	11.5	93.7	12.9	107.6			1.0	5.4	2.7	3.5	None	-	-	-	42.4	50	45	256	45.9	50	49	259
												2EH04502558	23.0	1	23.0	42.4	50	45	256	46.6	50	49	259
												2EH04505058	45.9	2	46.0	71.0	80	65	256	75.4	80	69	259
												2EH04507558	68.9	2	69.1	82.6	90	92	256	87.0	90	96	259

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Table 82: KD15 to KD28 VFD customer supplied standard static with modulating power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	13.5	6.7	9.6	None	-	-	-	131.0	150	139	770	140.6	175	150	780
												2EH04502525	18.8	1	52.1	131.0	150	139	770	140.6	175	150	780
												2EH04505025	37.6	2	104.3	164.0	175	151	770	176.0	200	162	780
												2EH04507525	56.3	2	156.2	189.8	200	211	770	201.8	225	222	780
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	13.4	6.7	8.7	None	-	-	-	132.1	150	140	771	140.8	175	150	780
												2EH04502525	23.0	1	57.7	132.1	150	140	771	140.8	175	150	780
												2EH04505025	45.9	2	115.2	177.5	200	163	771	188.4	200	173	780
												2EH04507525	68.9	2	172.9	206.4	225	230	771	217.3	225	240	780
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	6.7	3.4	4.3	None	-	-	-	60.3	70	64	366	64.6	80	69	370
												2EH04502546	23.0	1	28.8	60.3	70	64	366	64.6	80	69	370
												2EH04505046	45.9	2	57.6	88.9	90	82	366	94.3	100	87	370
												2EH04507546	68.9	2	86.4	103.3	110	115	366	108.7	110	120	370
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	5.4	2.7	3.5	None	-	-	-	50.1	60	53	285	53.6	70	57	288
												2EH04502558	23.0	1	23.0	50.1	60	53	285	53.6	70	57	288
												2EH04505058	45.9	2	46.0	71.0	80	65	285	75.4	80	69	288
												2EH04507558	68.9	2	69.1	82.6	90	92	285	87.0	90	96	288
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	19.8	6.7	9.6	None	-	-	-	145.7	175	155	878	155.3	175	166	888
												2EH04502525	18.8	1	52.1	145.7	175	155	878	155.3	175	166	888
												2EH04505025	37.6	2	104.3	171.9	175	158	878	183.9	200	169	888
												2EH04507525	56.3	2	156.2	197.7	200	218	878	209.7	225	229	888
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	19.8	6.7	8.7	None	-	-	-	145.7	175	155	878	154.4	175	165	887
												2EH04502525	23.0	1	57.7	145.7	175	155	878	154.4	175	165	887
												2EH04505025	45.9	2	115.2	185.5	200	171	878	196.4	200	181	887
												2EH04507525	68.9	2	172.9	214.4	225	237	878	225.3	250	247	887
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	9.9	3.4	4.3	None	-	-	-	72.9	90	77	447	77.2	90	82	451
												2EH04502546	23.0	1	28.8	72.9	90	77	447	77.2	90	82	451
												2EH04505046	45.9	2	57.6	92.9	100	85	447	98.3	100	90	451
												2EH04507546	68.9	2	86.4	107.3	110	119	447	112.7	125	124	451
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	7.9	2.7	3.5	None	-	-	-	59.0	70	62	354	62.5	80	66	358
												2EH04502558	23.0	1	23.0	59.0	70	62	354	62.5	80	66	358
												2EH04505058	45.9	2	46.0	74.1	80	68	354	78.5	80	72	358
												2EH04507558	68.9	2	69.1	85.7	90	95	354	90.1	100	99	358

VFD customer supplied medium static

Table 83: KD15 to KD28 VFD customer supplied medium static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		Comp. 3		OD fan motors (each) FLA	Supply blower motor FLA	120V trans FLA	Electric heat option field installed kit				MCA A	Max f/ b Size (A)	Min disconnect rating		MCAw / 120V trans	Max f/ b size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	9.9	9.6	None	-	-	-	75.0	100	78	440	84.6	110	89	450
											2EH04502525	18.8	1	52.1	77.5	100	78	440	89.5	110	89	450
											2EH04505025	37.6	2	104.3	142.8	150	131	440	154.8	175	142	450
											2EH04507525	56.3	2	156.2	168.6	200	191	440	180.6	200	202	450
	230-3-60	26.3	178.5	27.7	179			2.1	9.4	8.7	None	-	-	-	74.5	100	78	448	83.2	110	88	457
											2EH04502525	23.0	1	57.7	83.9	100	78	448	94.8	110	88	457
											2EH04505025	45.9	2	115.2	155.8	175	143	448	166.6	175	153	457
											2EH04507525	68.9	2	172.9	184.7	200	210	448	195.5	225	220	457
	460-3-60	11.0	95.3	11.5	103			1.1	4.7	4.3	None	-	-	-	32.3	40	34	244	36.6	45	39	249
											2EH04502546	23.0	1	28.8	41.9	45	39	244	47.3	50	43	249
											2EH04505046	45.9	2	57.6	77.9	80	72	244	83.3	90	77	249
											2EH04507546	68.9	2	86.4	92.3	100	105	244	97.7	110	110	249
	575-3-60	9.2	65	9.0	78			0.9	4.3	3.5	None	-	-	-	26.6	35	28	187	30.1	35	32	191
											2EH04502558	23.0	1	23.0	34.1	35	31	187	38.5	40	35	191
											2EH04505058	45.9	2	46.0	62.9	70	58	187	67.3	70	62	191
											2EH04507558	68.9	2	69.1	74.5	80	84	187	78.9	90	88	191
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	13.5	9.6	None	-	-	-	80.1	100	84	559	89.7	110	95	568
											2EH04502525	18.8	1	52.1	82.0	100	84	559	94.0	110	95	568
											2EH04505025	37.6	2	104.3	147.3	150	135	559	159.3	175	147	568
											2EH04507525	56.3	2	156.2	173.1	200	195	559	185.1	200	206	568
	230-3-60	26.8	190.7	28.5	255			2.1	13.4	8.7	None	-	-	-	80.0	100	84	558	88.7	110	94	566
											2EH04502525	23.0	1	57.7	88.9	100	84	558	99.8	110	94	566
											2EH04505025	45.9	2	115.2	160.8	175	148	558	171.6	175	158	566
											2EH04507525	68.9	2	172.9	189.7	225	214	558	200.5	225	224	566
	460-3-60	12.5	100.2	13.5	123			1.1	6.7	4.3	None	-	-	-	38.3	50	40	280	42.6	50	45	284
											2EH04502546	23.0	1	28.8	44.4	50	41	280	49.8	50	46	284
											2EH04505046	45.9	2	57.6	80.4	90	74	280	85.8	90	79	284
											2EH04507546	68.9	2	86.4	94.8	110	107	280	100.2	110	112	284
	575-3-60	9.4	65	10.7	93.7			0.9	5.4	3.5	None	-	-	-	30.0	40	31	203	33.5	40	35	206
											2EH04502558	23.0	1	23.0	35.5	40	33	203	39.9	40	37	206
											2EH04505058	45.9	2	46.0	64.3	70	59	203	68.6	70	63	206
											2EH04507558	68.9	2	69.1	75.9	90	86	203	80.2	90	90	206
20 (20)	208-3-60	26.5	255	33.3	255			2.0	13.5	9.6	None	-	-	-	89.6	110	93	630	99.2	125	105	640
											2EH04502525	18.8	1	52.1	89.6	110	93	630	99.2	125	105	640
											2EH04505025	37.6	2	104.3	147.3	150	135	630	159.3	175	147	640
											2EH04507525	56.3	2	156.2	173.1	200	195	630	185.1	200	206	640
	230-3-60	26.5	255	33.3	255			2.3	13.4	8.7	None	-	-	-	90.7	110	95	632	99.4	125	105	640
											2EH04502525	23.0	1	57.7	90.7	110	95	632	99.8	125	105	640
											2EH04505025	45.9	2	115.2	160.8	175	148	632	171.6	175	158	640
											2EH04507525	68.9	2	172.9	189.7	225	214	632	200.5	225	224	640
	460-3-60	14.0	123	15.4	140			1.3	6.7	4.3	None	-	-	-	45.2	60	47	326	49.5	60	52	330
											2EH04502546	23.0	1	28.8	45.2	60	47	326	49.8	60	52	330
											2EH04505046	45.9	2	57.6	80.4	90	74	326	85.8	90	79	330
											2EH04507546	68.9	2	86.4	94.8	110	107	326	100.2	110	112	330
	575-3-60	11.5	93.7	12.9	107.6			1.0	5.4	3.5	None	-	-	-	37.0	45	39	251	40.5	50	43	254
											2EH04502558	23.0	1	23.0	37.0	45	39	251	40.5	50	43	254
											2EH04505058	45.9	2	46.0	64.3	70	59	251	68.6	70	63	254
											2EH04507558	68.9	2	69.1	75.9	90	86	251	80.2	90	90	254

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Table 83: KD15 to KD28 VFD customer supplied medium static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		Comp. 3		OD fan motors (each) FLA	Supply blower motor FLA	120V trans FLA	Electric heat option field installed kit				MCA A	Max f/ b Size (A)	Min disconnect rating		MCAw / 120V trans	Max f/ b size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	19.8	9.6	None	-	-	-	123.9	150	131	784	133.5	150	142	793
											2EH04502525	18.8	1	52.1	123.9	150	131	784	133.5	150	142	793
											2EH04505025	37.6	2	104.3	155.1	175	143	784	167.1	175	154	793
											2EH04507525	56.3	2	156.2	181.0	200	202	784	193.0	200	213	793
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	19.8	8.7	None	-	-	-	125.1	150	132	786	133.8	150	142	794
											2EH04502525	23.0	1	57.7	125.1	150	132	786	133.8	150	142	794
											2EH04505025	45.9	2	115.2	168.8	175	155	786	179.6	200	165	794
											2EH04507525	68.9	2	172.9	197.7	225	222	786	208.5	225	232	794
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	9.9	4.3	None	-	-	-	56.7	70	60	373	61.0	80	65	377
											2EH04502546	23.0	1	28.8	56.7	70	60	373	61.0	80	65	377
											2EH04505046	45.9	2	57.6	84.4	90	78	373	89.8	90	83	377
											2EH04507546	68.9	2	86.4	98.8	110	111	373	104.2	110	116	377
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	7.9	3.5	None	-	-	-	47.2	60	49	288	50.7	60	53	292
											2EH04502558	23.0	1	23.0	47.2	60	49	288	50.7	60	53	292
											2EH04505058	45.9	2	46.0	67.4	70	62	288	71.8	80	66	292
											2EH04507558	68.9	2	69.1	79.0	90	89	288	83.4	90	93	292
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	25.4	9.6	None	-	-	-	137.9	175	146	915	147.5	175	157	925
											2EH04502525	18.8	1	52.1	137.9	175	146	915	147.5	175	157	925
											2EH04505025	37.6	2	104.3	162.1	175	149	915	174.1	175	160	925
											2EH04507525	56.3	2	156.2	188.0	200	209	915	200.0	200	220	925
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	25.4	8.7	None	-	-	-	137.9	175	146	915	146.6	175	156	924
											2EH04502525	23.0	1	57.7	137.9	175	146	915	146.6	175	156	924
											2EH04505025	45.9	2	115.2	175.8	200	162	915	186.6	200	172	924
											2EH04507525	68.9	2	172.9	204.7	225	228	915	215.5	225	238	924
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	12.7	4.3	None	-	-	-	68.9	90	73	465	73.2	90	78	470
											2EH04502546	23.0	1	28.8	68.9	90	73	465	73.2	90	78	470
											2EH04505046	45.9	2	57.6	87.9	90	81	465	93.3	100	86	470
											2EH04507546	68.9	2	86.4	102.3	110	114	465	107.7	110	119	470
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	10.5	3.5	None	-	-	-	56.2	70	59	372	59.7	70	63	375
											2EH04502558	23.0	1	23.0	56.2	70	59	372	59.7	70	63	375
											2EH04505058	45.9	2	46.0	70.6	80	65	372	75.0	80	69	375
											2EH04507558	68.9	2	69.1	82.2	90	92	372	86.6	90	96	375

Table 84: KD15 to KD28 VFD customer supplied medium static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	9.9	5.0	9.6	None	-	-	-	85.0	110	90	461	94.6	110	101	471
												2EH04502525	18.8	1	52.1	90.0	110	90	461	102.0	110	101	471
												2EH04505025	37.6	2	104.3	155.3	175	143	461	167.3	175	154	471
												2EH04507525	56.3	2	156.2	181.1	200	203	461	193.1	200	214	471
	230-3-60	26.3	178.5	27.7	179			2.1	9.4	5.0	8.7	None	-	-	-	84.5	110	89	469	93.2	110	99	478
												2EH04502525	23.0	1	57.7	96.4	110	89	469	107.3	110	99	478
												2EH04505025	45.9	2	115.2	168.3	175	155	469	179.1	200	165	478
												2EH04507525	68.9	2	172.9	197.2	225	221	469	208.0	225	231	478
	460-3-60	11.0	95.3	11.5	103			1.1	4.7	2.2	4.3	None	-	-	-	36.7	45	39	253	41.0	50	44	258
												2EH04502546	23.0	1	28.8	47.4	50	44	253	52.8	60	49	258
												2EH04505046	45.9	2	57.6	83.4	90	77	253	88.8	90	82	258
												2EH04507546	68.9	2	86.4	97.8	110	110	253	103.2	110	115	258
	575-3-60	9.2	65	9.0	78			0.9	4.3	1.5	3.5	None	-	-	-	29.6	35	31	193	33.1	40	35	197
												2EH04502558	23.0	1	23.0	37.9	40	35	193	42.3	45	39	197
												2EH04505058	45.9	2	46.0	66.6	70	61	193	71.0	80	65	197
												2EH04507558	68.9	2	69.1	78.2	90	88	193	82.6	90	92	197
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	13.5	5.0	9.6	None	-	-	-	90.1	110	95	580	99.7	125	106	589
												2EH04502525	18.8	1	52.1	94.5	110	95	580	106.5	125	106	589
												2EH04505025	37.6	2	104.3	159.8	175	147	580	171.8	175	158	589
												2EH04507525	56.3	2	156.2	185.6	200	207	580	197.6	200	218	589
	230-3-60	26.8	190.7	28.5	255			2.1	13.4	5.0	8.7	None	-	-	-	90.0	110	95	579	98.7	125	105	587
												2EH04502525	23.0	1	57.7	101.4	110	95	579	112.3	125	105	587
												2EH04505025	45.9	2	115.2	173.3	175	159	579	184.1	200	169	587
												2EH04507525	68.9	2	172.9	202.2	225	226	579	213.0	225	236	587
	460-3-60	12.5	100.2	13.5	123			1.1	6.7	2.2	4.3	None	-	-	-	42.7	50	45	289	47.0	60	50	293
												2EH04502546	23.0	1	28.8	49.9	50	46	289	55.3	60	51	293
												2EH04505046	45.9	2	57.6	85.9	90	79	289	91.3	100	84	293
												2EH04507546	68.9	2	86.4	100.3	110	112	289	105.7	110	117	293
	575-3-60	9.4	65	10.7	93.7			0.9	5.4	1.5	3.5	None	-	-	-	33.0	40	35	209	36.5	45	39	213
												2EH04502558	23.0	1	23.0	39.3	40	36	209	43.6	45	40	213
												2EH04505058	45.9	2	46.0	68.0	70	63	209	72.4	80	67	213
												2EH04507558	68.9	2	69.1	79.6	90	89	209	84.0	90	93	213
20 (20)	208-3-60	26.5	255	33.3	255			2.0	13.5	5.0	9.6	None	-	-	-	99.6	125	105	651	109.2	125	116	661
												2EH04502525	18.8	1	52.1	99.6	125	105	651	109.2	125	116	661
												2EH04505025	37.6	2	104.3	159.8	175	147	651	171.8	175	158	661
												2EH04507525	56.3	2	156.2	185.6	200	207	651	197.6	200	218	661
	230-3-60	26.5	255	33.3	255			2.3	13.4	5.0	8.7	None	-	-	-	100.7	125	106	653	109.4	125	116	661
												2EH04502525	23.0	1	57.7	101.4	125	106	653	112.3	125	116	661
												2EH04505025	45.9	2	115.2	173.3	175	159	653	184.1	200	169	661
												2EH04507525	68.9	2	172.9	202.2	225	226	653	213.0	225	236	661
	460-3-60	14.0	123	15.4	140			1.3	6.7	2.2	4.3	None	-	-	-	49.6	60	53	335	53.9	60	58	339
												2EH04502546	23.0	1	28.8	49.9	60	53	335	55.3	60	58	339
												2EH04505046	45.9	2	57.6	85.9	90	79	335	91.3	100	84	339
												2EH04507546	68.9	2	86.4	100.3	110	112	335	105.7	110	117	339
	575-3-60	11.5	93.7	12.9	107.6			1.0	5.4	1.5	3.5	None	-	-	-	40.0	50	42	257	43.5	50	46	260
												2EH04502558	23.0	1	23.0	40.0	50	42	257	43.6	50	46	260
												2EH04505058	45.9	2	46.0	68.0	70	63	257	72.4	80	67	260
												2EH04507558	68.9	2	69.1	79.6	90	89	257	84.0	90	93	260

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Table 84: KD15 to KD28 VFD customer supplied medium static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	19.8	5.0	9.6	None	-	-	-	133.9	150	142	805	143.5	175	153	814
												2EH04502525	18.8	1	52.1	133.9	150	142	805	143.5	175	153	814
												2EH04505025	37.6	2	104.3	167.6	175	154	805	179.6	200	165	814
												2EH04507525	56.3	2	156.2	193.5	200	214	805	205.5	225	225	814
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	19.8	5.0	8.7	None	-	-	-	135.1	175	144	807	143.8	175	154	815
												2EH04502525	23.0	1	57.7	135.1	175	144	807	143.8	175	154	815
												2EH04505025	45.9	2	115.2	181.3	200	167	807	192.1	200	177	815
												2EH04507525	68.9	2	172.9	210.2	225	233	807	221.0	225	243	815
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	9.9	2.2	4.3	None	-	-	-	61.1	80	65	382	65.4	80	70	386
												2EH04502546	23.0	1	28.8	61.1	80	65	382	65.4	80	70	386
												2EH04505046	45.9	2	57.6	89.9	90	83	382	95.3	100	88	386
												2EH04507546	68.9	2	86.4	104.3	110	116	382	109.7	110	121	386
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	7.9	1.5	3.5	None	-	-	-	50.2	60	53	294	53.7	70	57	298
												2EH04502558	23.0	1	23.0	50.2	60	53	294	53.7	70	57	298
												2EH04505058	45.9	2	46.0	71.1	80	65	294	75.5	80	69	298
												2EH04507558	68.9	2	69.1	82.7	90	92	294	87.1	90	96	298
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	25.4	5.0	9.6	None	-	-	-	147.9	175	157	936	157.5	200	168	946
												2EH04502525	18.8	1	52.1	147.9	175	157	936	157.5	200	168	946
												2EH04505025	37.6	2	104.3	174.6	175	161	936	186.6	200	172	946
												2EH04507525	56.3	2	156.2	200.5	225	220	936	212.5	225	231	946
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	25.4	5.0	8.7	None	-	-	-	147.9	175	157	936	156.6	200	167	945
												2EH04502525	23.0	1	57.7	147.9	175	157	936	156.6	200	167	945
												2EH04505025	45.9	2	115.2	188.3	200	173	936	199.1	200	183	945
												2EH04507525	68.9	2	172.9	217.2	225	240	936	228.0	250	250	945
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	12.7	2.2	4.3	None	-	-	-	73.3	90	78	474	77.6	100	83	479
												2EH04502546	23.0	1	28.8	73.3	90	78	474	77.6	100	83	479
												2EH04505046	45.9	2	57.6	93.4	100	86	474	98.8	100	91	479
												2EH04507546	68.9	2	86.4	107.8	110	119	474	113.2	125	124	479
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	10.5	1.5	3.5	None	-	-	-	59.2	70	63	378	62.7	80	67	382
												2EH04502558	23.0	1	23.0	59.2	70	63	378	62.7	80	67	382
												2EH04505058	45.9	2	46.0	74.4	80	68	378	78.8	80	72	382
												2EH04507558	68.9	2	69.1	86.0	90	95	378	90.4	100	99	382

Table 85: KD15 to KD28 VFD customer supplied medium static with modulating power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	9.9	6.7	9.6	None	-	-	-	88.4	110	94	453	98.0	125	105	463
												2EH04502525	18.8	1	52.1	94.3	110	94	453	106.3	125	105	463
												2EH04505025	37.6	2	104.3	159.5	175	147	453	171.5	175	158	463
												2EH04507525	56.3	2	156.2	185.3	200	206	453	197.3	200	217	463
	230-3-60	26.3	178.5	27.7	179			2.1	9.4	6.7	8.7	None	-	-	-	87.9	110	93	462	96.6	110	103	470
												2EH04502525	23.0	1	57.7	100.6	110	93	462	111.5	125	103	470
												2EH04505025	45.9	2	115.2	172.5	175	159	462	183.4	200	169	470
												2EH04507525	68.9	2	172.9	201.4	225	225	462	212.3	225	235	470
	460-3-60	11.0	95.3	11.5	103			1.1	4.7	3.4	4.3	None	-	-	-	39.1	50	42	251	43.4	50	47	255
												2EH04502546	23.0	1	28.8	50.4	60	46	251	55.8	60	51	255
												2EH04505046	45.9	2	57.6	86.4	90	79	251	91.8	100	84	255
												2EH04507546	68.9	2	86.4	100.8	110	113	251	106.2	110	118	255
	575-3-60	9.2	65	9.0	78			0.9	4.3	2.7	3.5	None	-	-	-	32.0	40	34	192	35.5	40	38	196
												2EH04502558	23.0	1	23.0	40.9	45	38	192	45.3	50	42	196
												2EH04505058	45.9	2	46.0	69.6	70	64	192	74.0	80	68	196
												2EH04507558	68.9	2	69.1	81.2	90	91	192	85.6	90	95	196
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	13.5	6.7	9.6	None	-	-	-	93.5	110	99	572	103.1	125	110	582
												2EH04502525	18.8	1	52.1	98.8	110	99	572	110.8	125	110	582
												2EH04505025	37.6	2	104.3	164.0	175	151	572	176.0	200	162	582
												2EH04507525	56.3	2	156.2	189.8	200	211	572	201.8	225	222	582
	230-3-60	26.8	190.7	28.5	255			2.1	13.4	6.7	8.7	None	-	-	-	93.4	110	99	571	102.1	125	109	580
												2EH04502525	23.0	1	57.7	105.6	110	99	571	116.5	125	109	580
												2EH04505025	45.9	2	115.2	177.5	200	163	571	188.4	200	173	580
												2EH04507525	68.9	2	172.9	206.4	225	230	571	217.3	225	240	580
	460-3-60	12.5	100.2	13.5	123			1.1	6.7	3.4	4.3	None	-	-	-	45.1	50	48	287	49.4	60	53	291
												2EH04502546	23.0	1	28.8	52.9	60	49	287	58.3	60	54	291
												2EH04505046	45.9	2	57.6	88.9	90	82	287	94.3	100	87	291
												2EH04507546	68.9	2	86.4	103.3	110	115	287	108.7	110	120	291
	575-3-60	9.4	65	10.7	93.7			0.9	5.4	2.7	3.5	None	-	-	-	35.4	45	38	208	38.9	45	42	212
												2EH04502558	23.0	1	23.0	42.3	45	39	208	46.6	50	43	212
												2EH04505058	45.9	2	46.0	71.0	80	65	208	75.4	80	69	212
												2EH04507558	68.9	2	69.1	82.6	90	92	208	87.0	90	96	212
20 (20)	208-3-60	26.5	255	33.3	255			2.0	13.5	6.7	9.6	None	-	-	-	103.0	125	109	644	112.6	125	120	653
												2EH04502525	18.8	1	52.1	103.0	125	109	644	112.6	125	120	653
												2EH04505025	37.6	2	104.3	164.0	175	151	644	176.0	200	162	653
												2EH04507525	56.3	2	156.2	189.8	200	211	644	201.8	225	222	653
	230-3-60	26.5	255	33.3	255			2.3	13.4	6.7	8.7	None	-	-	-	104.1	125	110	645	112.8	125	120	654
												2EH04502525	23.0	1	57.7	105.6	125	110	645	116.5	125	120	654
												2EH04505025	45.9	2	115.2	177.5	200	163	645	188.4	200	173	654
												2EH04507525	68.9	2	172.9	206.4	225	230	645	217.3	225	240	654
	460-3-60	14.0	123	15.4	140			1.3	6.7	3.4	4.3	None	-	-	-	52.0	60	55	332	56.3	70	60	337
												2EH04502546	23.0	1	28.8	52.9	60	55	332	58.3	70	60	337
												2EH04505046	45.9	2	57.6	88.9	90	82	332	94.3	100	87	337
												2EH04507546	68.9	2	86.4	103.3	110	115	332	108.7	110	120	337
	575-3-60	11.5	93.7	12.9	107.6			1.0	5.4	2.7	3.5	None	-	-	-	42.4	50	45	256	45.9	50	49	259
												2EH04502558	23.0	1	23.0	42.4	50	45	256	46.6	50	49	259
												2EH04505058	45.9	2	46.0	71.0	80	65	256	75.4	80	69	259
												2EH04507558	68.9	2	69.1	82.6	90	92	256	87.0	90	96	259

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Table 85: KD15 to KD28 VFD customer supplied medium static with modulating power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	19.8	6.7	9.6	None	-	-	-	137.3	175	146	797	146.9	175	157	807
												2EH04502525	18.8	1	52.1	137.3	175	146	797	146.9	175	157	807
												2EH04505025	37.6	2	104.3	171.9	175	158	797	183.9	200	169	807
												2EH04507525	56.3	2	156.2	197.7	200	218	797	209.7	225	229	807
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	19.8	6.7	8.7	None	-	-	-	138.5	175	147	799	147.2	175	157	808
												2EH04502525	23.0	1	57.7	138.5	175	147	799	147.2	175	157	808
												2EH04505025	45.9	2	115.2	185.5	200	171	799	196.4	200	181	808
												2EH04507525	68.9	2	172.9	214.4	225	237	799	225.3	250	247	808
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	9.9	3.4	4.3	None	-	-	-	63.5	80	68	379	67.8	80	72	384
												2EH04502546	23.0	1	28.8	63.5	80	68	379	67.8	80	72	384
												2EH04505046	45.9	2	57.6	92.9	100	85	379	98.3	100	90	384
												2EH04507546	68.9	2	86.4	107.3	110	119	379	112.7	125	124	384
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	7.9	2.7	3.5	None	-	-	-	52.6	60	56	293	56.1	70	60	297
												2EH04502558	23.0	1	23.0	52.6	60	56	293	56.1	70	60	297
												2EH04505058	45.9	2	46.0	74.1	80	68	293	78.5	80	72	297
												2EH04507558	68.9	2	69.1	85.7	90	95	293	90.1	100	99	297
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	25.4	6.7	9.6	None	-	-	-	151.3	175	161	928	160.9	200	172	938
												2EH04502525	18.8	1	52.1	151.3	175	161	928	160.9	200	172	938
												2EH04505025	37.6	2	104.3	178.9	200	165	928	190.9	200	176	938
												2EH04507525	56.3	2	156.2	204.7	225	224	928	216.7	225	235	938
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	25.4	6.7	8.7	None	-	-	-	151.3	175	161	928	160.0	200	171	937
												2EH04502525	23.0	1	57.7	151.3	175	161	928	160.0	200	171	937
												2EH04505025	45.9	2	115.2	192.5	200	177	928	203.4	225	187	937
												2EH04507525	68.9	2	172.9	221.4	225	243	928	232.3	250	253	937
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	12.7	3.4	4.3	None	-	-	-	75.7	90	81	472	80.0	100	86	476
												2EH04502546	23.0	1	28.8	75.7	90	81	472	80.0	100	86	476
												2EH04505046	45.9	2	57.6	96.4	100	89	472	101.8	110	94	476
												2EH04507546	68.9	2	86.4	110.8	125	122	472	116.2	125	127	476
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	10.5	2.7	3.5	None	-	-	-	61.6	80	65	377	65.1	80	69	381
												2EH04502558	23.0	1	23.0	61.6	80	65	377	65.1	80	69	381
												2EH04505058	45.9	2	46.0	77.4	80	71	377	81.8	90	75	381
												2EH04507558	68.9	2	69.1	89.0	90	98	377	93.4	100	102	381

VFD customer supplied high static

Table 86: KD15 to KD28 VFD customer supplied high static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		Comp. 3		OD fan motors (each) FLA	Supply blower motor FLA	120V trans FLA	Electric heat option field installed kit				MCA A	Max f/ b Size (A)	Min disconnect rating		MCAw / 120V trans	Max f/ b size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	13.5	9.6	None	-	-	-	78.6	100	82	470	88.2	110	93	480
											2EH04502525	18.8	1	52.1	82.0	100	82	470	94.0	110	93	480
											2EH04505025	37.6	2	104.3	147.3	150	135	470	159.3	175	147	480
											2EH04507525	56.3	2	156.2	173.1	200	195	470	185.1	200	206	480
	230-3-60	26.3	178.5	27.7	179			2.1	13.4	8.7	None	-	-	-	78.5	100	82	470	87.2	110	92	478
											2EH04502525	23.0	1	57.7	88.9	100	82	470	99.8	110	92	478
											2EH04505025	45.9	2	115.2	160.8	175	148	470	171.6	175	158	478
											2EH04507525	68.9	2	172.9	189.7	225	214	470	200.5	225	224	478
	460-3-60	11.0	95.3	11.5	103			1.1	6.7	4.3	None	-	-	-	34.3	45	36	255	38.6	50	41	259
											2EH04502546	23.0	1	28.8	44.4	45	41	255	49.8	50	46	259
											2EH04505046	45.9	2	57.6	80.4	90	74	255	85.8	90	79	259
											2EH04507546	68.9	2	86.4	94.8	110	107	255	100.2	110	112	259
	575-3-60	9.2	65	9.0	78			0.9	5.4	3.5	None	-	-	-	27.7	35	29	187	31.2	40	33	191
											2EH04502558	23.0	1	23.0	35.5	40	33	187	39.9	40	37	191
											2EH04505058	45.9	2	46.0	64.3	70	59	187	68.6	70	63	191
											2EH04507558	68.9	2	69.1	75.9	90	86	187	80.2	90	90	191
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	19.8	9.6	None	-	-	-	86.4	110	91	585	96.0	110	102	595
											2EH04502525	18.8	1	52.1	89.9	110	91	585	101.9	110	102	595
											2EH04505025	37.6	2	104.3	155.1	175	143	585	167.1	175	154	595
											2EH04507525	56.3	2	156.2	181.0	200	202	585	193.0	200	213	595
	230-3-60	26.8	190.7	28.5	255			2.1	19.8	8.7	None	-	-	-	86.4	110	91	585	95.1	110	101	594
											2EH04502525	23.0	1	57.7	96.9	110	91	585	107.8	110	101	594
											2EH04505025	45.9	2	115.2	168.8	175	155	585	179.6	200	165	594
											2EH04507525	68.9	2	172.9	197.7	225	222	585	208.5	225	232	594
	460-3-60	12.5	100.2	13.5	123			1.1	9.9	4.3	None	-	-	-	41.5	50	44	294	45.8	50	49	298
											2EH04502546	23.0	1	28.8	48.4	50	45	294	53.8	60	49	298
											2EH04505046	45.9	2	57.6	84.4	90	78	294	89.8	90	83	298
											2EH04507546	68.9	2	86.4	98.8	110	111	294	104.2	110	116	298
	575-3-60	9.4	65	10.7	93.7			0.9	7.9	3.5	None	-	-	-	32.5	40	34	212	36.0	45	38	215
											2EH04502558	23.0	1	23.0	38.6	40	36	212	43.0	45	40	215
											2EH04505058	45.9	2	46.0	67.4	70	62	212	71.8	80	66	215
											2EH04507558	68.9	2	69.1	79.0	90	89	212	83.4	90	93	215
20 (20)	208-3-60	26.5	255	33.3	255			2.0	19.8	9.6	None	-	-	-	95.9	125	101	657	105.5	125	112	667
											2EH04502525	18.8	1	52.1	95.9	125	101	657	105.5	125	112	667
											2EH04505025	37.6	2	104.3	155.1	175	143	657	167.1	175	154	667
											2EH04507525	56.3	2	156.2	181.0	200	202	657	193.0	200	213	667
	230-3-60	26.5	255	33.3	255			2.3	19.8	8.7	None	-	-	-	97.1	125	102	659	105.8	125	112	668
											2EH04502525	23.0	1	57.7	97.1	125	102	659	107.8	125	112	668
											2EH04505025	45.9	2	115.2	168.8	175	155	659	179.6	200	165	668
											2EH04507525	68.9	2	172.9	197.7	225	222	659	208.5	225	232	668
	460-3-60	14.0	123	15.4	140			1.3	9.9	4.3	None	-	-	-	48.4	60	51	339	52.7	60	56	344
											2EH04502546	23.0	1	28.8	48.4	60	51	339	53.8	60	56	344
											2EH04505046	45.9	2	57.6	84.4	90	78	339	89.8	90	83	344
											2EH04507546	68.9	2	86.4	98.8	110	111	339	104.2	110	116	344
	575-3-60	11.5	93.7	12.9	107.6			1.0	7.9	3.5	None	-	-	-	39.5	50	42	259	43.0	50	46	263
											2EH04502558	23.0	1	23.0	39.5	50	42	259	43.0	50	46	263
											2EH04505058	45.9	2	46.0	67.4	70	62	259	71.8	80	66	263
											2EH04507558	68.9	2	69.1	79.0	90	89	259	83.4	90	93	263

Table 86: KD15 to KD28 VFD customer supplied high static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		Comp. 3		OD fan motors (each) FLA	Supply blower motor FLA	120V trans FLA	Electric heat option field installed kit				MCA A	Max f/ b Size (A)	Min disconnect rating		MCAw / 120V trans	Max f/ b size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	25.4	9.6	None	-	-	-	129.5	150	137	834	139.1	175	148	844
											2EH04502525	18.8	1	52.1	129.5	150	137	834	139.1	175	148	844
											2EH04505025	37.6	2	104.3	162.1	175	149	834	174.1	175	160	844
											2EH04507525	56.3	2	156.2	188.0	200	209	834	200.0	200	220	844
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	25.4	8.7	None	-	-	-	130.7	150	138	836	139.4	175	148	845
											2EH04502525	23.0	1	57.7	130.7	150	138	836	139.4	175	148	845
											2EH04505025	45.9	2	115.2	175.8	200	162	836	186.6	200	172	845
											2EH04507525	68.9	2	172.9	204.7	225	228	836	215.5	225	238	845
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	12.7	4.3	None	-	-	-	59.5	70	63	398	63.8	80	68	402
											2EH04502546	23.0	1	28.8	59.5	70	63	398	63.8	80	68	402
											2EH04505046	45.9	2	57.6	87.9	90	81	398	93.3	100	86	402
											2EH04507546	68.9	2	86.4	102.3	110	114	398	107.7	110	119	402
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	10.5	3.5	None	-	-	-	49.8	60	52	311	53.3	70	56	314
											2EH04502558	23.0	1	23.0	49.8	60	52	311	53.3	70	56	314
											2EH04505058	45.9	2	46.0	70.6	80	65	311	75.0	80	69	314
											2EH04507558	68.9	2	69.1	82.2	90	92	311	86.6	90	96	314
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	30.2	9.6	None	-	-	-	142.7	175	151	975	152.3	175	162	985
											2EH04502525	18.8	1	52.1	142.7	175	151	975	152.3	175	162	985
											2EH04505025	37.6	2	104.3	168.1	175	155	975	180.1	200	166	985
											2EH04507525	56.3	2	156.2	194.0	200	214	975	206.0	225	225	985
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	30.2	8.7	None	-	-	-	142.7	175	151	975	151.4	175	161	984
											2EH04502525	23.0	1	57.7	142.7	175	151	975	151.4	175	161	984
											2EH04505025	45.9	2	115.2	181.8	200	167	975	192.6	200	177	984
											2EH04507525	68.9	2	172.9	210.7	225	234	975	221.5	225	244	984
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	15.1	4.3	None	-	-	-	71.3	90	76	495	75.6	90	81	500
											2EH04502546	23.0	1	28.8	71.3	90	76	495	75.6	90	81	500
											2EH04505046	45.9	2	57.6	90.9	100	84	495	96.3	100	89	500
											2EH04507546	68.9	2	86.4	105.3	110	117	495	110.7	125	122	500
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	12.0	3.5	None	-	-	-	57.7	70	61	391	61.2	70	65	394
											2EH04502558	23.0	1	23.0	57.7	70	61	391	61.2	70	65	394
											2EH04505058	45.9	2	46.0	72.5	80	67	391	76.9	80	71	394
											2EH04507558	68.9	2	69.1	84.1	90	93	391	88.5	90	97	394

Table 87: KD15 to KD28 VFD customer supplied high static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	13.5	5.0	9.6	None	-	-	-	88.6	110	94	491	98.2	125	105	501
												2EH04502525	18.8	1	52.1	94.5	110	94	491	106.5	125	105	501
												2EH04505025	37.6	2	104.3	159.8	175	147	491	171.8	175	158	501
												2EH04507525	56.3	2	156.2	185.6	200	207	491	197.6	200	218	501
	230-3-60	26.3	178.5	27.7	179			2.1	13.4	5.0	8.7	None	-	-	-	88.5	110	94	491	97.2	110	104	499
												2EH04502525	23.0	1	57.7	101.4	110	94	491	112.3	125	104	499
												2EH04505025	45.9	2	115.2	173.3	175	159	491	184.1	200	169	499
												2EH04507525	68.9	2	172.9	202.2	225	226	491	213.0	225	236	499
	460-3-60	11.0	95.3	11.5	103			1.1	6.7	2.2	4.3	None	-	-	-	38.7	50	41	264	43.0	50	46	268
												2EH04502546	23.0	1	28.8	49.9	50	46	264	55.3	60	51	268
												2EH04505046	45.9	2	57.6	85.9	90	79	264	91.3	100	84	268
												2EH04507546	68.9	2	86.4	100.3	110	112	264	105.7	110	117	268
	575-3-60	9.2	65	9.0	78			0.9	5.4	1.5	3.5	None	-	-	-	30.7	35	33	193	34.2	40	37	197
												2EH04502558	23.0	1	23.0	39.3	40	36	193	43.6	45	40	197
												2EH04505058	45.9	2	46.0	68.0	70	63	193	72.4	80	67	197
												2EH04507558	68.9	2	69.1	79.6	90	89	193	84.0	90	93	197
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	19.8	5.0	9.6	None	-	-	-	96.4	110	103	606	106.0	125	114	616
												2EH04502525	18.8	1	52.1	102.4	110	103	606	114.4	125	114	616
												2EH04505025	37.6	2	104.3	167.6	175	154	606	179.6	200	165	616
												2EH04507525	56.3	2	156.2	193.5	200	214	606	205.5	225	225	616
	230-3-60	26.8	190.7	28.5	255			2.1	19.8	5.0	8.7	None	-	-	-	96.4	110	103	606	105.1	125	113	615
												2EH04502525	23.0	1	57.7	109.4	110	103	606	120.3	125	113	615
												2EH04505025	45.9	2	115.2	181.3	200	167	606	192.1	200	177	615
												2EH04507525	68.9	2	172.9	210.2	225	233	606	221.0	225	243	615
	460-3-60	12.5	100.2	13.5	123			1.1	9.9	2.2	4.3	None	-	-	-	45.9	50	49	303	50.2	60	54	307
												2EH04502546	23.0	1	28.8	53.9	60	50	303	59.3	60	55	307
												2EH04505046	45.9	2	57.6	89.9	90	83	303	95.3	100	88	307
												2EH04507546	68.9	2	86.4	104.3	110	116	303	109.7	110	121	307
	575-3-60	9.4	65	10.7	93.7			0.9	7.9	1.5	3.5	None	-	-	-	35.5	45	38	218	39.0	45	42	221
												2EH04502558	23.0	1	23.0	42.4	45	39	218	46.8	50	43	221
												2EH04505058	45.9	2	46.0	71.1	80	65	218	75.5	80	69	221
												2EH04507558	68.9	2	69.1	82.7	90	92	218	87.1	90	96	221
20 (20)	208-3-60	26.5	255	33.3	255			2.0	19.8	5.0	9.6	None	-	-	-	105.9	125	112	678	115.5	125	123	688
												2EH04502525	18.8	1	52.1	105.9	125	112	678	115.5	125	123	688
												2EH04505025	37.6	2	104.3	167.6	175	154	678	179.6	200	165	688
												2EH04507525	56.3	2	156.2	193.5	200	214	678	205.5	225	225	688
	230-3-60	26.5	255	33.3	255			2.3	19.8	5.0	8.7	None	-	-	-	107.1	125	114	680	115.8	125	124	689
												2EH04502525	23.0	1	57.7	109.4	125	114	680	120.3	125	124	689
												2EH04505025	45.9	2	115.2	181.3	200	167	680	192.1	200	177	689
												2EH04507525	68.9	2	172.9	210.2	225	233	680	221.0	225	243	689
	460-3-60	14.0	123	15.4	140			1.3	9.9	2.2	4.3	None	-	-	-	52.8	60	56	349	57.1	70	61	353
												2EH04502546	23.0	1	28.8	53.9	60	56	349	59.3	70	61	353
												2EH04505046	45.9	2	57.6	89.9	90	83	349	95.3	100	88	353
												2EH04507546	68.9	2	86.4	104.3	110	116	349	109.7	110	121	353
	575-3-60	11.5	93.7	12.9	107.6			1.0	7.9	1.5	3.5	None	-	-	-	42.5	50	45	266	46.0	50	49	269
												2EH04502558	23.0	1	23.0	42.5	50	45	266	46.8	50	49	269
												2EH04505058	45.9	2	46.0	71.1	80	65	266	75.5	80	69	269
												2EH04507558	68.9	2	69.1	82.7	90	92	266	87.1	90	96	269

BHC Residential & Light Commercial LLC

Table 87: KD15 to KD28 VFD customer supplied high static with on/off power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	25.4	5.0	9.6	None	-	-	-	139.5	175	149	855	149.1	175	160	865
												2EH04502525	18.8	1	52.1	139.5	175	149	855	149.1	175	160	865
												2EH04505025	37.6	2	104.3	174.6	175	161	855	186.6	200	172	865
												2EH04507525	56.3	2	156.2	200.5	225	220	855	212.5	225	231	865
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	25.4	5.0	8.7	None	-	-	-	140.7	175	150	857	149.4	175	160	866
												2EH04502525	23.0	1	57.7	140.7	175	150	857	149.4	175	160	866
												2EH04505025	45.9	2	115.2	188.3	200	173	857	199.1	200	183	866
												2EH04507525	68.9	2	172.9	217.2	225	240	857	228.0	250	250	866
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	12.7	2.2	4.3	None	-	-	-	63.9	80	68	407	68.2	80	73	411
												2EH04502546	23.0	1	28.8	63.9	80	68	407	68.2	80	73	411
												2EH04505046	45.9	2	57.6	93.4	100	86	407	98.8	100	91	411
												2EH04507546	68.9	2	86.4	107.8	110	119	407	113.2	125	124	411
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	10.5	1.5	3.5	None	-	-	-	52.8	60	56	317	56.3	70	60	321
												2EH04502558	23.0	1	23.0	52.8	60	56	317	56.3	70	60	321
												2EH04505058	45.9	2	46.0	74.4	80	68	317	78.8	80	72	321
												2EH04507558	68.9	2	69.1	86.0	90	95	317	90.4	100	99	321
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	30.2	5.0	9.6	None	-	-	-	152.7	175	163	996	162.3	200	174	1006
												2EH04502525	18.8	1	52.1	152.7	175	163	996	162.3	200	174	1006
												2EH04505025	37.6	2	104.3	180.6	200	166	996	192.6	200	177	1006
												2EH04507525	56.3	2	156.2	206.5	225	226	996	218.5	225	237	1006
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	30.2	5.0	8.7	None	-	-	-	152.7	175	163	996	161.4	200	173	1005
												2EH04502525	23.0	1	57.7	152.7	175	163	996	161.4	200	173	1005
												2EH04505025	45.9	2	115.2	194.3	200	179	996	205.1	225	189	1005
												2EH04507525	68.9	2	172.9	223.2	250	245	996	234.0	250	255	1005
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	15.1	2.2	4.3	None	-	-	-	75.7	90	81	504	80.0	100	86	509
												2EH04502546	23.0	1	28.8	75.7	90	81	504	80.0	100	86	509
												2EH04505046	45.9	2	57.6	96.4	100	89	504	101.8	110	94	509
												2EH04507546	68.9	2	86.4	110.8	125	122	504	116.2	125	127	509
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	12.0	1.5	3.5	None	-	-	-	60.7	70	64	397	64.2	80	68	401
												2EH04502558	23.0	1	23.0	60.7	70	64	397	64.2	80	68	401
												2EH04505058	45.9	2	46.0	76.3	80	70	397	80.6	90	74	401
												2EH04507558	68.9	2	69.1	87.9	90	97	397	92.2	100	101	401

Table 88: KD15 to KD28 VFD customer supplied high static with modulating power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
15 (15)	208-3-60	26.3	178.5	27.7	179			2.1	13.5	6.7	9.6	None	-	-	-	92.0	110	98	484	101.6	125	109	493
												2EH04502525	18.8	1	52.1	98.8	110	98	484	110.8	125	109	493
												2EH04505025	37.6	2	104.3	164.0	175	151	484	176.0	200	162	493
												2EH04507525	56.3	2	156.2	189.8	200	211	484	201.8	225	222	493
	230-3-60	26.3	178.5	27.7	179			2.1	13.4	6.7	8.7	None	-	-	-	91.9	110	98	483	100.6	125	108	492
												2EH04502525	23.0	1	57.7	105.6	110	98	483	116.5	125	108	492
												2EH04505025	45.9	2	115.2	177.5	200	163	483	188.4	200	173	492
												2EH04507525	68.9	2	172.9	206.4	225	230	483	217.3	225	240	492
	460-3-60	11.0	95.3	11.5	103			1.1	6.7	3.4	4.3	None	-	-	-	41.1	50	44	262	45.4	50	49	266
												2EH04502546	23.0	1	28.8	52.9	60	49	262	58.3	60	54	266
												2EH04505046	45.9	2	57.6	88.9	90	82	262	94.3	100	87	266
												2EH04507546	68.9	2	86.4	103.3	110	115	262	108.7	110	120	266
	575-3-60	9.2	65	9.0	78			0.9	5.4	2.7	3.5	None	-	-	-	33.1	40	35	192	36.6	45	39	196
												2EH04502558	23.0	1	23.0	42.3	45	39	192	46.6	50	43	196
												2EH04505058	45.9	2	46.0	71.0	80	65	192	75.4	80	69	196
												2EH04507558	68.9	2	69.1	82.6	90	92	192	87.0	90	96	196
18 (17.5)	208-3-60	26.8	190.7	28.5	255			2.1	19.8	6.7	9.6	None	-	-	-	99.8	125	107	599	109.4	125	118	608
												2EH04502525	18.8	1	52.1	106.6	125	107	599	118.6	125	118	608
												2EH04505025	37.6	2	104.3	171.9	175	158	599	183.9	200	169	608
												2EH04507525	56.3	2	156.2	197.7	200	218	599	209.7	225	229	608
	230-3-60	26.8	190.7	28.5	255			2.1	19.8	6.7	8.7	None	-	-	-	99.8	125	107	599	108.5	125	117	607
												2EH04502525	23.0	1	57.7	113.6	125	107	599	124.5	125	117	607
												2EH04505025	45.9	2	115.2	185.5	200	171	599	196.4	200	181	607
												2EH04507525	68.9	2	172.9	214.4	225	237	599	225.3	250	247	607
	460-3-60	12.5	100.2	13.5	123			1.1	9.9	3.4	4.3	None	-	-	-	48.3	60	52	300	52.6	60	57	305
												2EH04502546	23.0	1	28.8	56.9	60	52	300	62.3	70	57	305
												2EH04505046	45.9	2	57.6	92.9	100	85	300	98.3	100	90	305
												2EH04507546	68.9	2	86.4	107.3	110	119	300	112.7	125	124	305
	575-3-60	9.4	65	10.7	93.7			0.9	7.9	2.7	3.5	None	-	-	-	37.9	45	40	217	41.4	50	45	220
												2EH04502558	23.0	1	23.0	45.4	50	42	217	49.8	50	46	220
												2EH04505058	45.9	2	46.0	74.1	80	68	217	78.5	80	72	220
												2EH04507558	68.9	2	69.1	85.7	90	95	217	90.1	100	99	220
20 (20)	208-3-60	26.5	255	33.3	255			2.0	19.8	6.7	9.6	None	-	-	-	109.3	125	116	671	118.9	150	127	680
												2EH04502525	18.8	1	52.1	109.3	125	116	671	118.9	150	127	680
												2EH04505025	37.6	2	104.3	171.9	175	158	671	183.9	200	169	680
												2EH04507525	56.3	2	156.2	197.7	200	218	671	209.7	225	229	680
	230-3-60	26.5	255	33.3	255			2.3	19.8	6.7	8.7	None	-	-	-	110.5	125	118	673	119.2	150	128	681
												2EH04502525	23.0	1	57.7	113.6	125	118	673	124.5	150	128	681
												2EH04505025	45.9	2	115.2	185.5	200	171	673	196.4	200	181	681
												2EH04507525	68.9	2	172.9	214.4	225	237	673	225.3	250	247	681
	460-3-60	14.0	123	15.4	140			1.3	9.9	3.4	4.3	None	-	-	-	55.2	70	59	346	59.5	70	64	350
												2EH04502546	23.0	1	28.8	56.9	70	59	346	62.3	70	64	350
												2EH04505046	45.9	2	57.6	92.9	100	85	346	98.3	100	90	350
												2EH04507546	68.9	2	86.4	107.3	110	119	346	112.7	125	124	350
	575-3-60	11.5	93.7	12.9	107.6			1.0	7.9	2.7	3.5	None	-	-	-	44.9	50	48	265	48.4	60	52	268
												2EH04502558	23.0	1	23.0	45.4	50	48	265	49.8	60	52	268
												2EH04505058	45.9	2	46.0	74.1	80	68	265	78.5	80	72	268
												2EH04507558	68.9	2	69.1	85.7	90	95	265	90.1	100	99	268

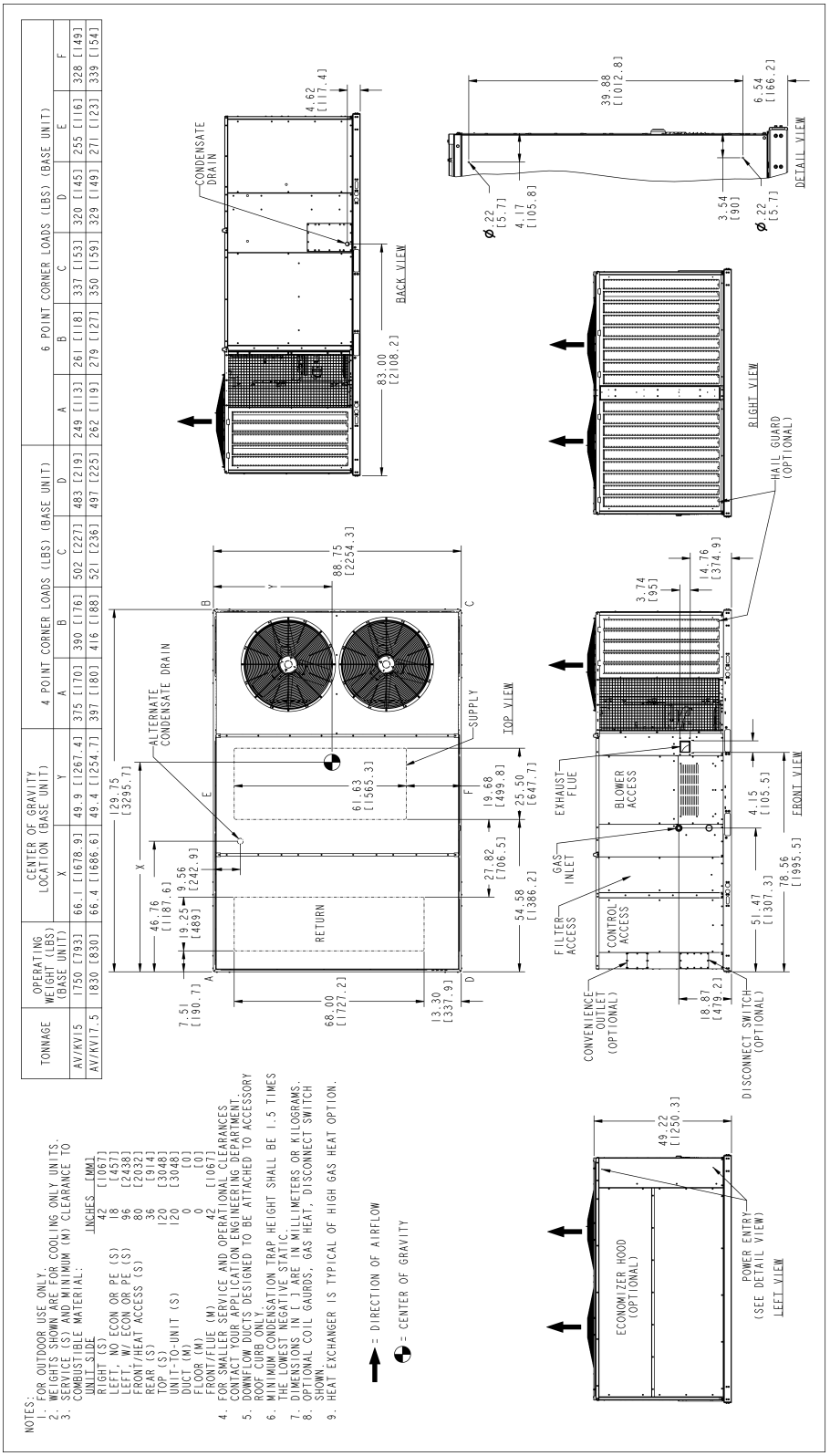
BHC Residential & Light Commercial LLC

Table 88: KD15 to KD28 VFD customer supplied high static with modulating power exhaust

Size (ton)	Nominal Unit Voltage	Comp. 1		Comp. 2		Comp. 3		OD Fan Motors (each) FLA	Supply Blower Motor FLA	Pwr Exh Motor FLA	120V trans FLA	Electric Heat Option Field Installed Kit				MCA A	Max f/ b Size (A)	Min Disconnect Rating		MCA w/ 120V trans (A)	Max f/ b Size w/ 120V trans (A)	Min disconnect rating/ 120V trans	
		RLA	LRA	RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
25 (25)	208-3-60	22.4	166.2	41.0	304	22.4	166.2	2.0	25.4	6.7	9.6	None	-	-	-	142.9	175	152	847	152.5	175	164	857
												2EH04502525	18.8	1	52.1	142.9	175	152	847	152.5	175	164	857
												2EH04505025	37.6	2	104.3	178.9	200	165	847	190.9	200	176	857
												2EH04507525	56.3	2	156.2	204.7	225	224	847	216.7	225	235	857
	230-3-60	22.4	166.2	41.0	304	22.4	166.2	2.3	25.4	6.7	8.7	None	-	-	-	144.1	175	154	849	152.8	175	164	858
												2EH04502525	23.0	1	57.7	144.1	175	154	849	152.8	175	164	858
												2EH04505025	45.9	2	115.2	192.5	200	177	849	203.4	225	187	858
												2EH04507525	68.9	2	172.9	221.4	225	243	849	232.3	250	253	858
	460-3-60	8.8	74.6	19.2	147	8.8	74.6	1.3	12.7	3.4	4.3	None	-	-	-	66.3	80	71	405	70.6	80	76	409
												2EH04502546	23.0	1	28.8	66.3	80	71	405	70.6	80	76	409
												2EH04505046	45.9	2	57.6	96.4	100	89	405	101.8	110	94	409
												2EH04507546	68.9	2	86.4	110.8	125	122	405	116.2	125	127	409
	575-3-60	7.2	54	16.7	122	7.2	54	1.0	10.5	2.7	3.5	None	-	-	-	55.2	70	59	316	58.7	70	63	320
												2EH04502558	23.0	1	23.0	55.2	70	59	316	58.7	70	63	320
												2EH04505058	45.9	2	46.0	77.4	80	71	316	81.8	90	75	320
												2EH04507558	68.9	2	69.1	89.0	90	98	316	93.4	100	102	320
28 (27.5)	208-3-60	24.4	200	44.2	315	24.4	200	2.1	30.2	6.7	9.6	None	-	-	-	156.1	200	167	988	165.7	200	178	998
												2EH04502525	18.8	1	52.1	156.1	200	167	988	165.7	200	178	998
												2EH04505025	37.6	2	104.3	184.9	200	170	988	196.9	200	181	998
												2EH04507525	56.3	2	156.2	210.7	225	230	988	222.7	225	241	998
	230-3-60	24.4	200	44.2	315	24.4	200	2.1	30.2	6.7	8.7	None	-	-	-	156.1	200	167	988	164.8	200	177	997
												2EH04502525	23.0	1	57.7	156.1	200	167	988	164.8	200	177	997
												2EH04505025	45.9	2	115.2	198.5	200	183	988	209.4	225	193	997
												2EH04507525	68.9	2	172.9	227.4	250	249	988	238.3	250	259	997
	460-3-60	11.9	103	22.4	158	11.9	103	1.1	15.1	3.4	4.3	None	-	-	-	78.1	100	83	502	82.4	100	88	506
												2EH04502546	23.0	1	28.8	78.1	100	83	502	82.4	100	88	506
												2EH04505046	45.9	2	57.6	99.4	100	91	502	104.8	110	96	506
												2EH04507546	68.9	2	86.4	113.8	125	125	502	119.2	125	129	506
	575-3-60	9.4	78	18.6	136	9.4	78	0.9	12.0	2.7	3.5	None	-	-	-	63.1	80	67	396	66.6	80	71	400
												2EH04502558	23.0	1	23.0	63.1	80	67	396	66.6	80	71	400
												2EH04505058	45.9	2	46.0	79.3	80	73	396	83.6	90	77	400
												2EH04507558	68.9	2	69.1	90.9	100	99	396	95.2	100	104	400

Weights and dimensions

Figure 4: KD15 and KD18 physical dimensions



TONNAGE	OPERATING WEIGHT (LBS) (BASE UNIT)	CENTER OF GRAVITY LOCATION (BASE UNIT)		4 POINT CORNER LOADS (LBS) (BASE UNIT)				6 POINT CORNER LOADS (LBS) (BASE UNIT)				
		X	Y	A	B	C	D	A	B	C	D	E	F
AV/KV15	1750 [793]	66.1 [1678.9]	49.9 [1267.4]	375 [170]	390 [176]	502 [227]	483 [219]	249 [113]	261 [118]	337 [153]	320 [145]	255 [116]	328 [149]
AV/KV17.5	1830 [830]	66.4 [1686.6]	49.4 [1254.7]	397 [180]	416 [188]	521 [236]	497 [225]	262 [119]	279 [127]	350 [159]	329 [149]	271 [123]	339 [154]

Figure 5: KD20 physical dimensions

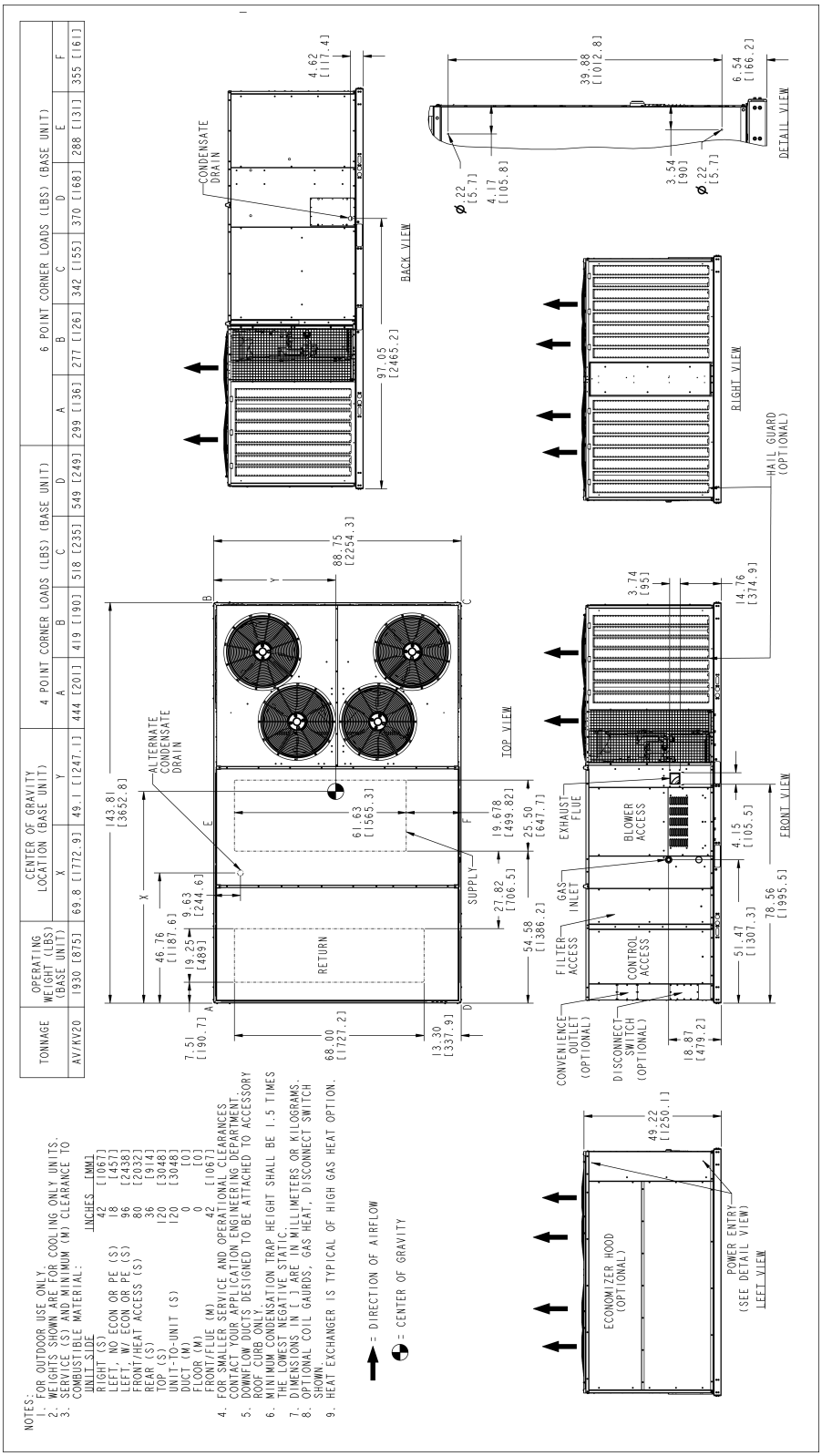


Figure 6: KD25 physical dimensions

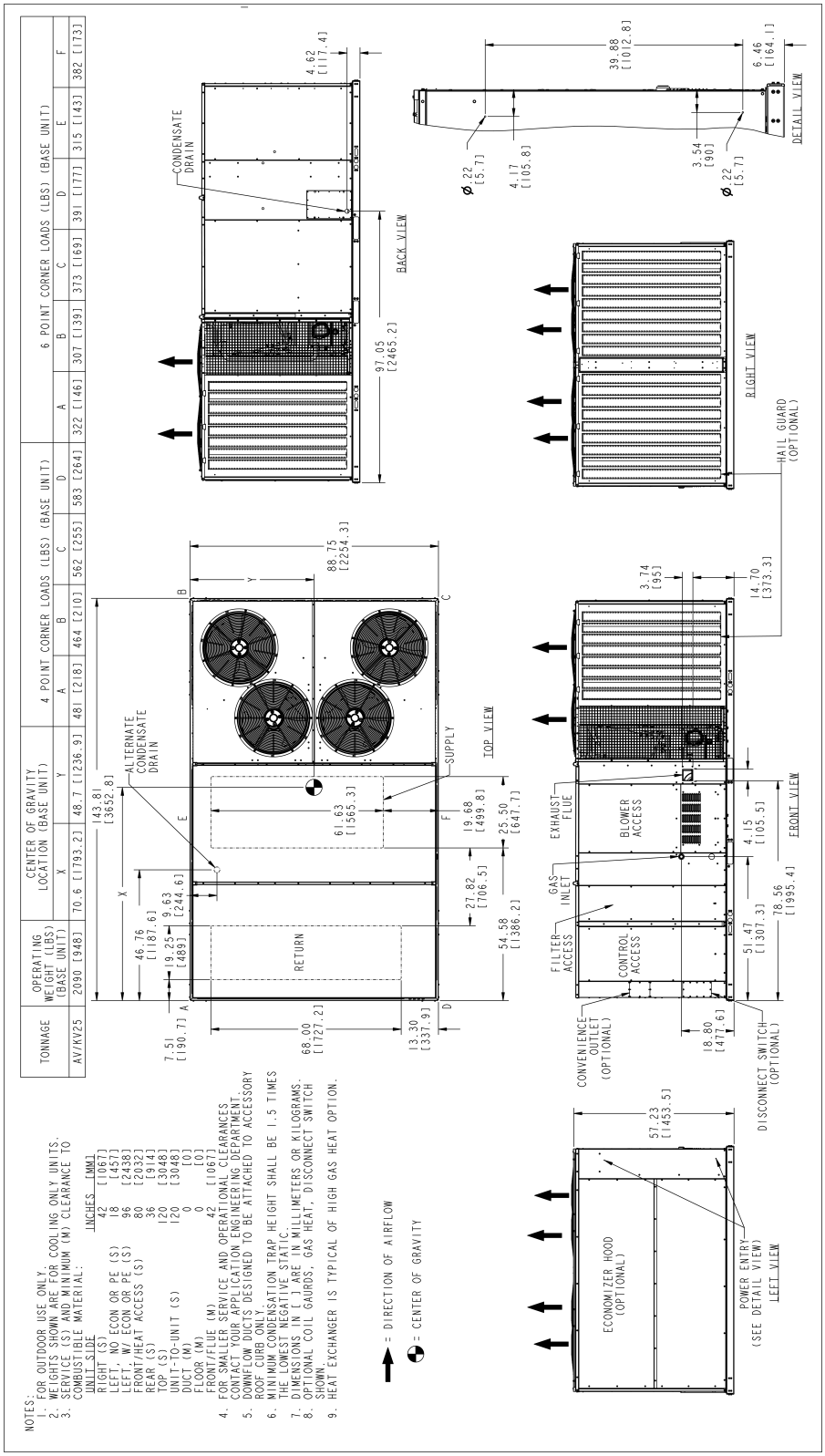
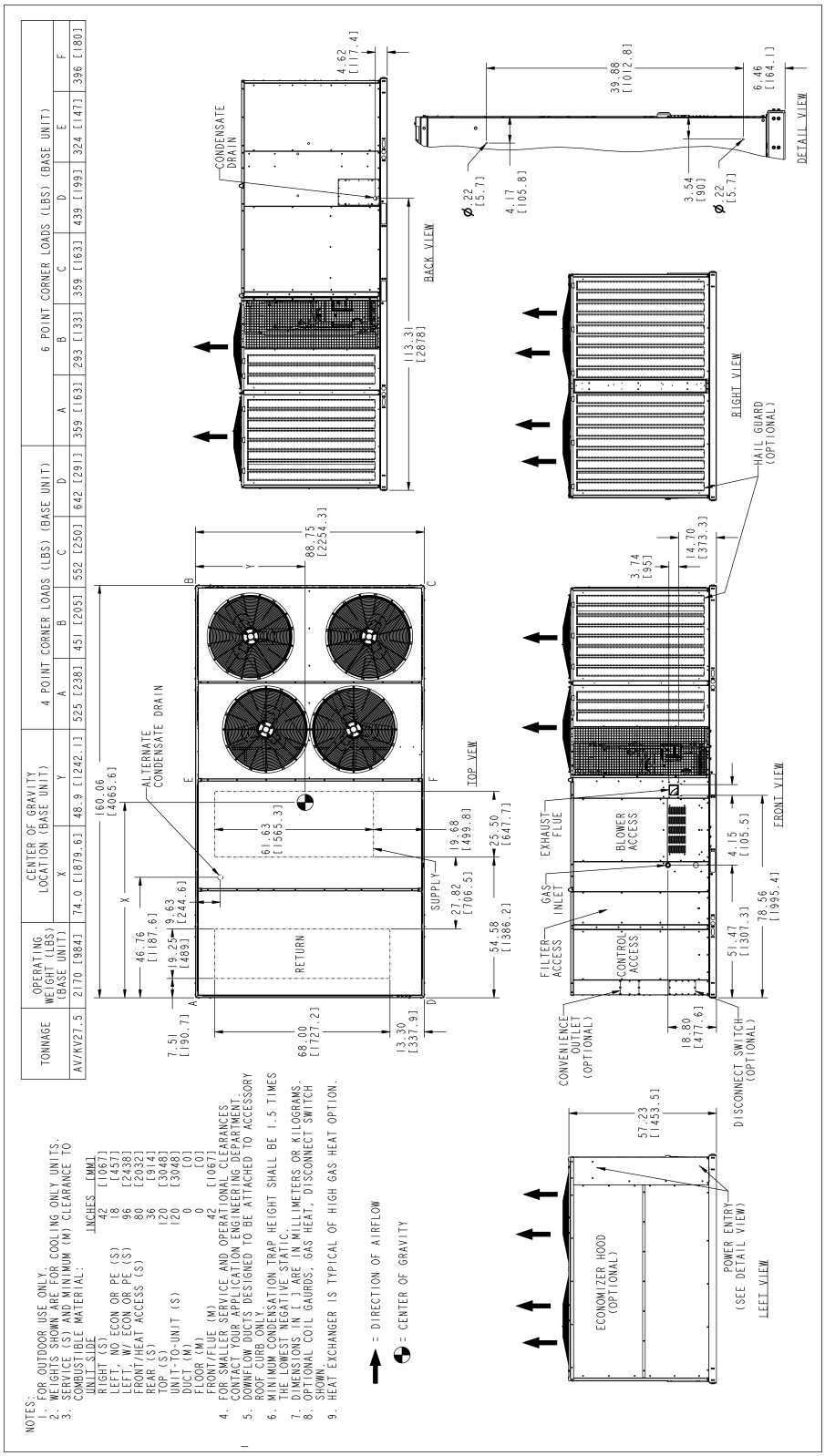
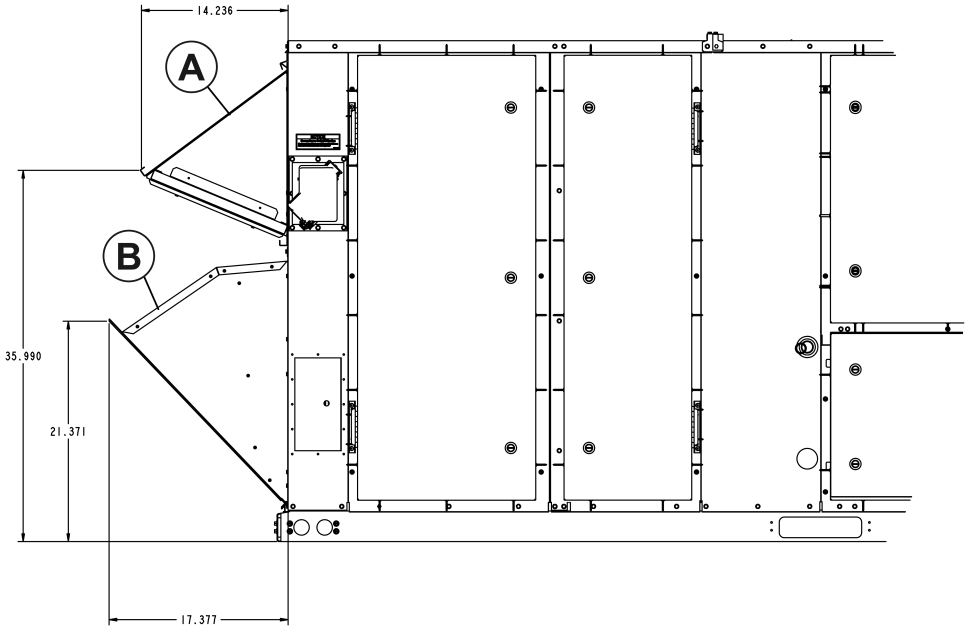


Figure 7: KD28 physical dimensions



Rain hood dimensions

Figure 8: Rain hood dimensions



Item	Description
A	Economizer, manual damper, and motorized damper rain hood
B	Power exhaust rain hood

Utilities entry

Note: Field-seal all entry holes to prevent rainwater entry into the building.

Table 89: Utilities entry

Entry description		Opening size diameter (in.)
Control wiring	Left	Field drilled[1] to maximum of 7/8 in.
	Bottom	Field drilled[1] to maximum of 7/8 in.
Power wiring	Left	Field drilled[1] to maximum of 3 in.
	Bottom	Field drilled[1] to maximum of 3 in.
Gas piping	Left [2,3]	2 in. hole with 3/4 in. grommet
	Bottom[3]	1 1/4 in. hole
Condensate drain	Front[4]	1 1/2 in. hole
	Bottom[4]	2 in. hole with 1 1/4 in. grommet

Note:

1. Factory provided dimples show the hole location to facilitate the drilling of entry holes.
2. 3/4 in. NPT gas piping is required.
3. You must insert the piping through the factory-installed grommet for a watertight seal.
4. 1 in. NPT female connection piping is required.

Accessory weights

Table 90: Unit accessory weights

Unit accessory	Unit size			
	15 to 17.5 ton	20 ton	25 ton	27.5 ton
Economizer	145	145	165	165
Motorized damper	65	65	75	75
Power exhaust (CV, Std CFM)	170	170	170	170
Power exhaust (Mod, Std CFM)	212	212	212	212
Power exhaust (CV/Mod, Hi CFM)	450	450	450	450
Barometric damper	50	50	50	50
Electric heat,75 kW	75	75	75	75
Gas heat, largest	155	155	155	155
Hail guards	80	86	107	132
Wood skid and shipping brackets	60	70	70	80
Roof curb	215	230	230	250

Supply fan VFD weights

Table 91: Supply fan VFD weights

Supply fan motor	208/230V	460V	575V
2.9 HP	10	10	10
3.7 HP	10	10	10
5.3 HP	10	10	10
7.5 HP	15	15	15
10 HP	20	15	15

ⓘ **Note:** Add 5 lb. to the supply fan VFD weights if there is a bypass.

Roof curbs

The following figures show the roof curbs for the units. All dimensions are in inches.



Return air



Supply air

Figure 9: 1RC0443 and 1RC0446 roof curb dimensions

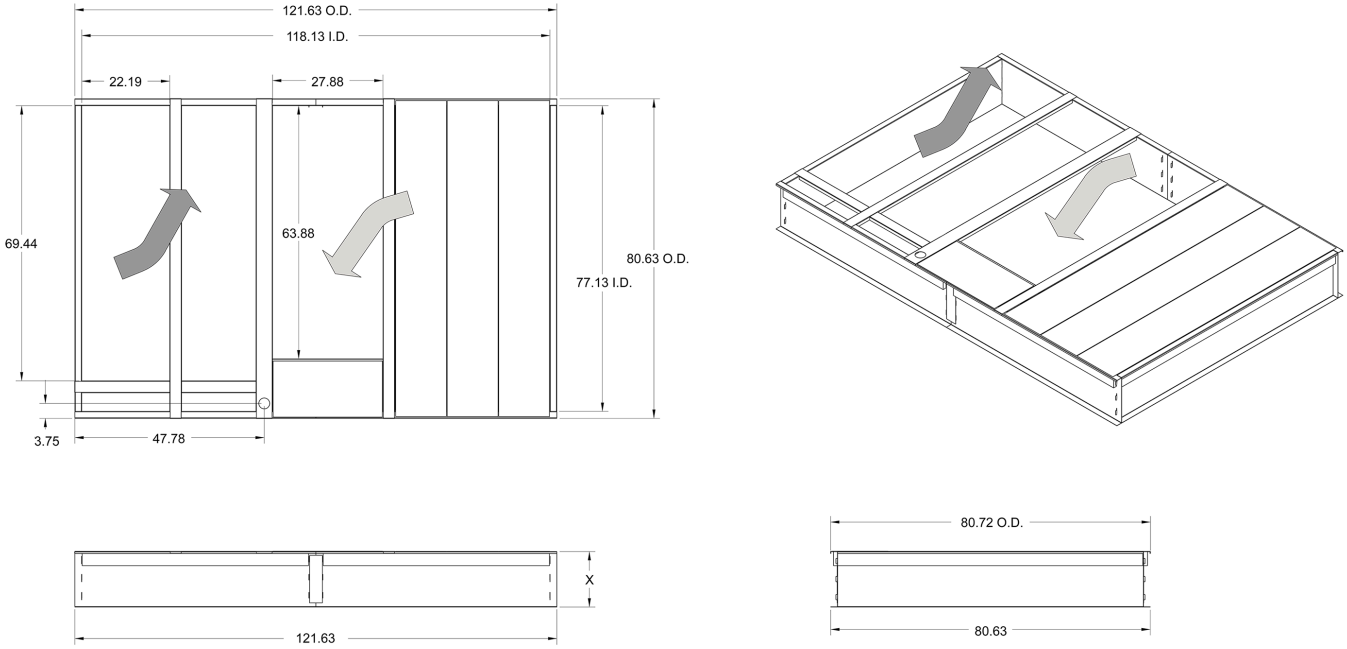


Table 92: 1RC0443 and 1RC0446 dimensions

Roof curb	X measurement (in.)
1RC0443	14
1RC0446	24

The following units are compatible with 1RC0443 and 1RC0446 roof curbs.

- KD15
- KD18

Figure 10: 1RC0444 and 1RC0447 roof curb dimensions

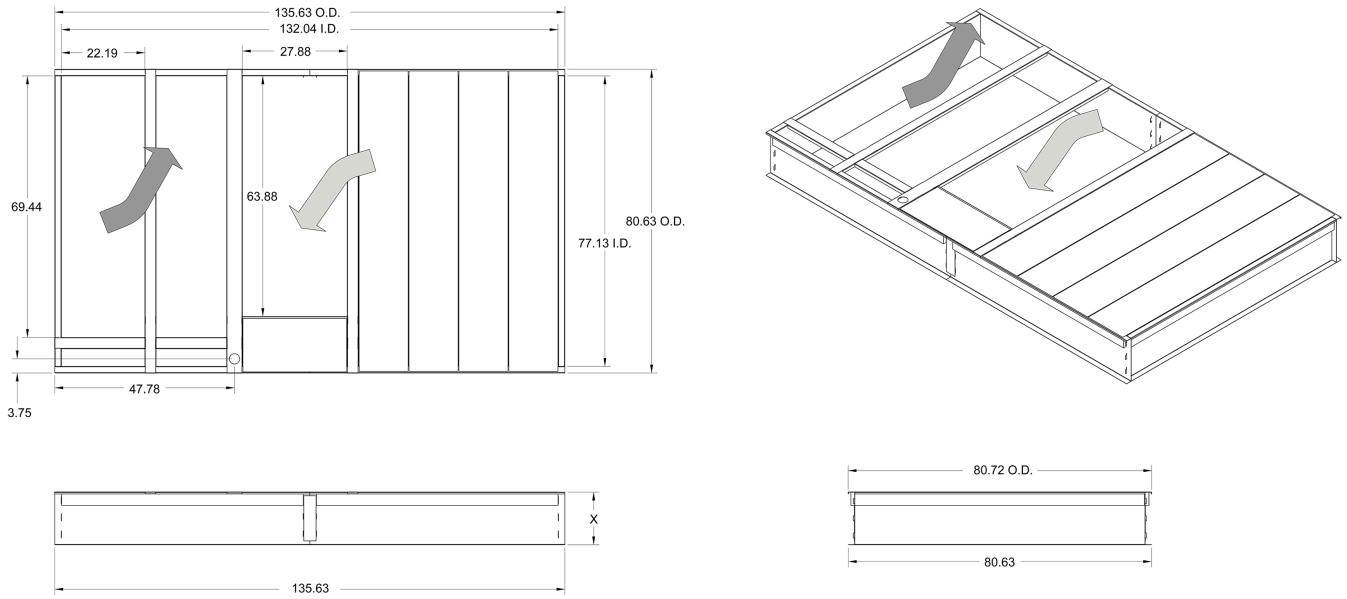


Table 93: 1RC0444 and 1RC0447 dimensions

Roof curb	X measurement (in.)
1RC0444	14
1RC0447	24

The following units are compatible with 1RC0444 and 1RC0447 roof curbs.

- KD20
- KD25

Figure 11: 1RC0445 and 1RC0448 roof curb dimensions

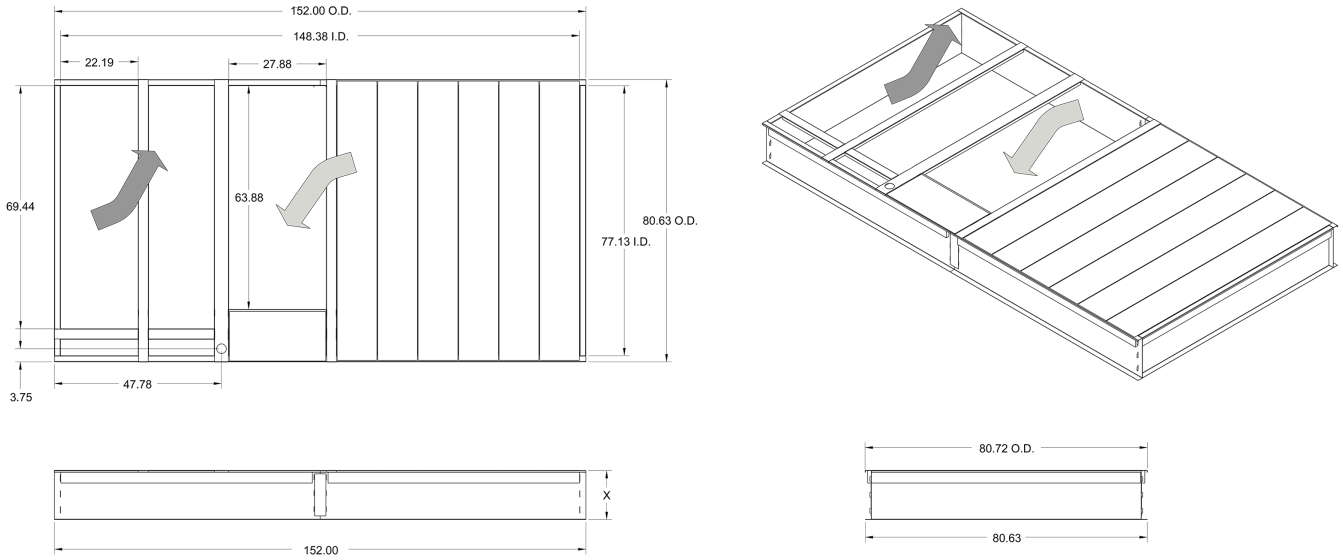


Table 94: 1RC0445 and 1RC0448 dimensions

Roof curb	X measurement (in.)
1RC0445	14
1RC0448	24

The following unit is compatible with 1RC0445 and 1RC0448 roof curbs.

- KD28

Figure 12: Roof curb cutaway

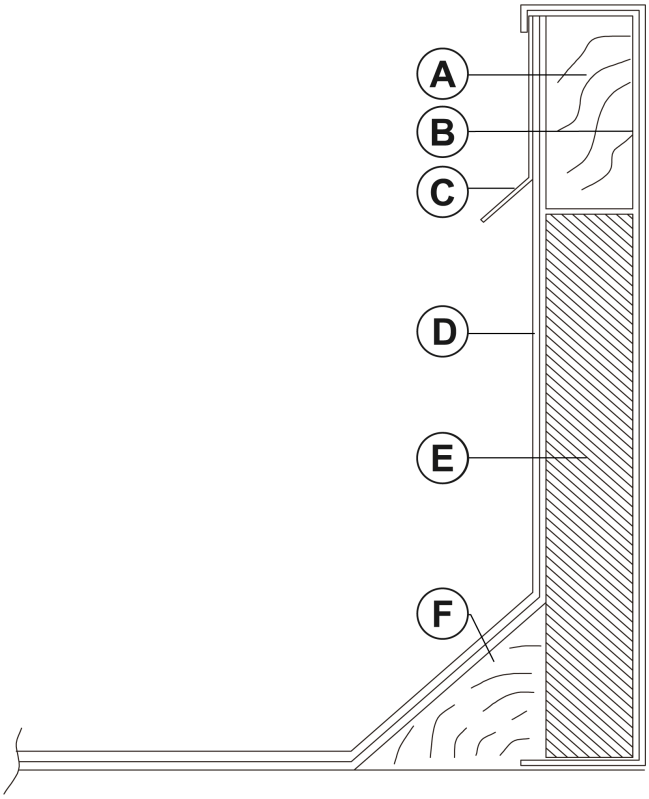


Table 95: Roof curb cutaway components

Item	Description	Item	Description
A	Wood nailer	D	Roof felt (field supplied)
B	Curb frame	E	Rigid insulation (field supplied)
C	Counter flashing (field supplied)	F	Cant strip (field supplied)

Economizer options

Figure 13: Economizer options

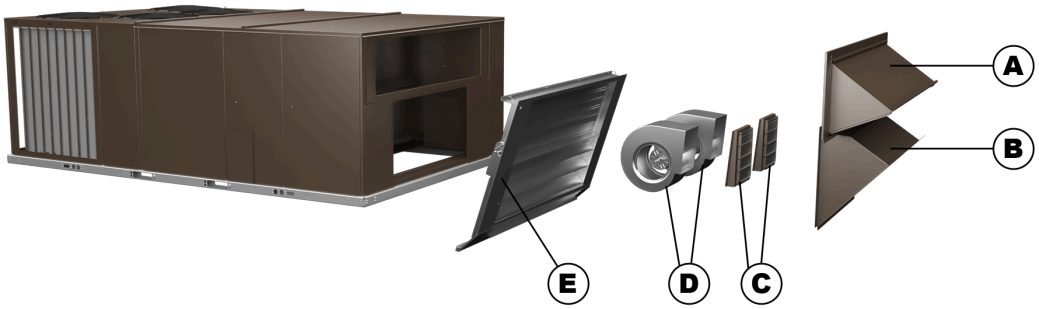


Table 96: Economizer components

Item	Description
A	Fresh air hood
B	Power exhaust hood
C	Power exhaust damper
D	Power exhaust
E	Low leak economizer

Installing a typical unit

The following figures show the typical installations for the unit.

Figure 14: Roof jack installation

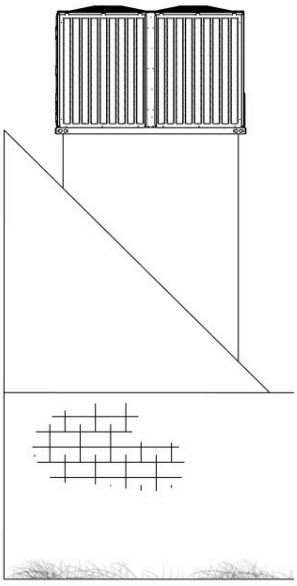
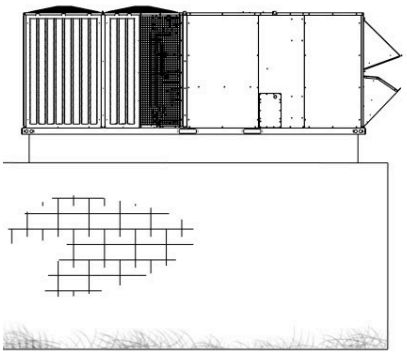


Figure 15: Roof curb installation



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