

# OVATION™ SERIES SPLIT SYSTEM AIR CONDITIONERS AND HEAT PUMPS



7.5–25 TONS

*Setting The Performance Standard.™*

**LUXAIRE®**  
HEATING ■ AIR CONDITIONING

# Ovation™ Series Split System Air Cond

*Quality products from the company that makes people*



Creating a comfortable environment takes quality technology that can turn in a performance that makes everyone feel good. That's why you can count on the Luxaire® Ovation™ line for environmentally friendly operation that creates good feelings about energy efficiency, quietness and reliability.

## *Easy installation*

These compact units install easily on rooftops and even at ground level, thanks to sub-cooling capacity that accommodates locations three or more stories below the evaporator coil.

## *Reliable performance*

Industrial grade scroll compressors ensure reliable operation in the toughest conditions. Condenser coils are constructed of MicroChannel aluminum tube for durability and efficient operation.

## *Quiet operation*

Scroll compressors are mounted on rubber isolators to reduce transmission of vibrations. Vertical discharge condenser fans direct sound up and away from surrounding structures.

## *The Ovation™ family of split system products*

The compact design, clean styling and quiet operation make these units suitable for almost any application.



Ovation™ split system outdoor units use Simplicity® controls and advanced evaporator coils and blower motors to provide quiet and reliable operation in today's demanding commercial environments.



Ovation™ condensing units fit almost any outdoor location, especially rooftops because they weigh much less than similar single package units.



Evaporator blower units are designed with two distinct modules to provide maximum application flexibility. The blower module can be repositioned to meet almost any installation requirement. The blower module includes the blower wheels, drives and a factory-installed motor of your choice.

# Conditioners and Heat Pumps

*...feel good.*

Now it's easy to meet EPACT 2005 and ASHRAE 90.1-2007 efficiency standards with the advanced design of Ovation™ split system air conditioners and heat pumps. Compact design, clean styling and quiet operation make the Ovation™ line an ideal fit for demanding commercial applications.

## *Electric heating/electric cooling and heat pump models*

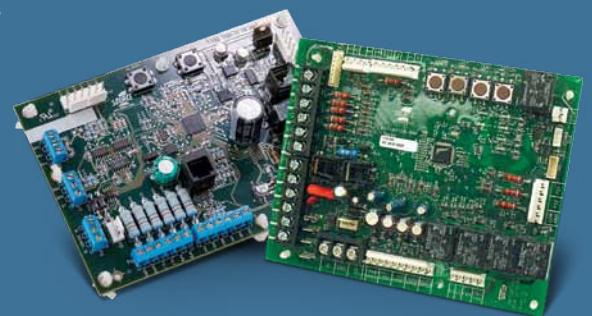
- Inherently protected condenser fan motors
- 2-pipe and 4-pipe configurations available
- Five-minute anti-short cycle timer and minimum compressor run time
- Factory installed disconnects, convenience outlet and technicoated coil option
- Advanced scroll compressors provide both high efficiency and reliability
- Self contained high and low pressure controls
- Solid state or internal line break compressor motor protection



- Condenser coils are constructed of MicroChannel aluminum tube, aluminum fins for durability and long lasting and efficient operation
- Crankcase heaters that will be de-energized when the compressor is operating
- Class 2, 24-volt thermostat control circuit
- Filter-drier is shipped in the unit's control box for field installation in the liquid line
- Copper stub-outs are factory mounted on the suction and liquid lines to simplify the field piping connections

## *The big difference: Simplicity® controls*

It's the built-in brain that requires no additional controls. The Simplicity® control system is part of each Ovation™ model and, for the building manager, it monitors the entire HVAC system continuously. All alarm and diagnostic data is transmitted directly to an onsite PC. Or, you can monitor the system over the Internet.



- Single-button programming
- Five-minute anti-short cycle delay
- Alarm recall, even after power failures
- Three-minute minimum compressor run time
- Built-in low-voltage protection
- Independent monitoring of all safety switches



| Ovation® Split System Air Conditioners/Heat Pumps (YH/YJ/PH/PJ) |                         |      |      |
|---|-------------------------|------|------|
| MODEL   | NOMINAL CAPACITY (TONS) | EER  | LBS. |
| YH-07/NH-07   | 7.5                     | 11.2 | 325  |
| YH-07/NH-10   | 8                       | 11.9 | 325  |
| YH-10/NH-10   | 10                      | 11.4 | 445  |
| YJ-10/NJ-10   | 10                      | 11.2 | 440  |
| YH-12/NH-15   | 12.5                    | 11.0 | 445  |
| YJ-12/NJ-15   | 12.5                    | 11.0 | 440  |
| YH-15/NH-15   | 15                      | 11.2 | 675  |
| YH-15/NH-20   | 16                      | 11.7 | 675  |
| YJ-15/NJ-15   | 15                      | 11.2 | 675  |
| YJ-15/(2)NH-07  | 16                      | 11.2 | 675  |
| YJ-15/(2)NH-10  | 16                      | 11.2 | 675  |
| YJ-15/NJ-20   | 16                      | 11.7 | 675  |
| YH-20/NH-20   | 20                      | 11.3 | 710  |
| YJ-20/NJ-20   | 20                      | 11.3 | 710  |
| YJ-20/(2)NH-10  | 20                      | 11.6 | 710  |
| YH-25/NH-25   | 25                      | 11.4 | 942  |
| PH-07/NH-07   | 7.5                     | 11.1 | 415  |
| PH-10/NH-10   | 10                      | 11.0 | 560  |
| PH-15/NH-15   | 15                      | 10.6 | 840  |
| PJ-15/NJ-15   | 15                      | 10.6 | 835  |
| PH-20/NH-20   | 20                      | 10.6 | 1010 |
| PJ-20/NJ-20   | 20                      | 10.6 | 1005 |

| Ovation® Split System Evaporator Blowers (NH/NJ) |                    |        |      |
|--|--------------------|--------|------|
| MODEL  | ELECTRIC HEAT (kW) | CFM    | LBS. |
| NH-07  | 10, 16, 26, 36     | 3000   | 381  |
| NH-10  | 10, 16, 26, 36     | 4000   | 468  |
| NJ-10  | 10, 16, 26, 36     | 4000   | 468  |
| NH-15  | 10, 16, 26, 36, 50 | 6000   | 632  |
| NJ-15  | 10, 16, 26, 36, 50 | 6000   | 632  |
| NH-20  | 20, 32, 52         | 8000   | 816  |
| NJ-20  | 20, 32, 52         | 8000   | 816  |
| NH-25  | —                  | 10,000 | 1100 |

**High performance, year in and year out**

Every Luxaire® system is backed by some of the best limited warranties you'll find anywhere:  
 Warranties for models YH, YJ, PJ, PH: 5-year compressor warranty, 1-year parts warranty  
 Warranties for models NH, NJ: 1-year parts warranty

*Products that make people feel good.*

Luxaire® heating and cooling products not only make people feel good, the Luxaire® brand also does good deeds through our company's affiliation with the Make-A-Wish Foundation.\* And just as they help better the world of a child with a life-threatening medical condition, we're doing the same by offering products that better the environment.

Our technicians ensure that the installation and maintenance of your system provides maximum quality, comfort and efficiency for years to come.



When you want to feel good about a solution for your application, contact your Luxaire® Dealer.

Setting The Performance Standard™



The Luxaire brand of Johnson Controls, Inc.  
 5005 York Drive, Norman, OK 73069  
 www.luxaire.com



PUBL-6525-A-0810

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