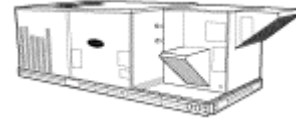


Cobra IAQ

High Efficiency Rooftop Unit With Energy Recovery
3 to 12½ Tons
600 to 3,000 CFM



All-in-one unitary rooftop offering with factory installed energy recovery capability.

3 to 12-½ ton cooling capacity with the capability to condition up to 600, 1000, 2000 or 3000 CFM of outdoor air.

Features

- ASHRAE 90.1 Compliant, Energy Star Rated 48/50HJ Rooftop Unit (-3, -5, -6 models).
- Uses proven heat pump technology for energy recovery
- Single point power and control wiring
- Multiple speed fan motors in the Energy\$ Recycler
- Spring return supply air damper
- Manually adjustable barometric relief damper
- Sloped, non-corrosive condensate pans
- COBRA control via Thermidistat featuring:
 - 7-day programmable
 - Occupied/Unoccupied modes
 - Humidity Control (E\$R & MoistureMi\$er)
 - Hold function
 - Holiday mode
 - Keypad lock
- PremierLink Available
- UL and UL, Canada listed

Benefits

- COBRA provides required ventilation levels while preconditioning outdoor air saving energy cost by reducing heating, cooling and dehumidification demands by up to 80%. This lightens the load for the main evaporator coil allowing you to downsize the tonnage need for a total system cost advantage.
- Provides additional stage of heat. Available in colder

Used On These Rooftop Units

[48HJ Gas Heat/Elec Cool](#)

[50HJ Elec Heat/Elec Cool](#)

Controls

[PremierLink™](#)

climates. Outdoor coil is contained within ESR cabinet therefore, it is not as susceptible to coil freeze up as a conventional heat pump.

- COBRA provides up to 100% outside air capability for compliance with industry ventilation standards.
- Wiring simplicity with just one power and control wiring connection.
- An exclusive ISO-Exhaust option that allows the energy of poor quality return air to be used without contaminating supply.
- Latent load control of ventilation air.
- An integral economizer (non-modulating) with barometric relief for "free" cooling when conditions are right.
- Combines with Carrier's MoistureMiSer denhumidification option for maximized humidity control.
- Available in the following combinations:

Up to 3,000 CFM Outdoor Air Capability		
Rooftop Unit	Tons	Outside Air CFM Capability
48HJ_004-007	3 - 6	600, 1000
48HJ_008-014	7.5 - 12.5	2000, 3000
50HJ-004-007	3 - 6	600, 1000
50HJ-008-014	7.5 - 12.5	2000, 3000