

Features & Benefits

Cabinet & Construction

- Microchannel coil technology standard on most units
- Painted steel cabinets for superior strength and corrosion protection
- Heavy duty steel raised base with 1-1/2" legs
- Fan guards and wiring conduit on indoor models

Serviceability

- Suction service valves for hermetic and scroll compressors located outside the cabinet for quick installations. Semi-hermetic compressor models have a suction valve on the compressor and an access fitting on the suction line entering the cabinet.
- Receiver with fusible plug, liquid shutoff valve and charging port is standard
- Large electrical panel for ease of access
- Prefabricated wiring harnesses for tight crimp connections and consistent labeling
- Unit stays on if the hood is removed for servicing
- Sight glass is easily viewable

Quality

- All units are completely leak tested in a helium environment, bump tested and allowed to cycle off on the high and low pressure control. Each unit has a copy of the run data shipped inside the electrical panel
- Electrical circuits are completely checked for continuity
- Piping is laid out to minimize stress and vibration and is pre-bent to eliminate leaks
- Encapsulated, auto-reset, high and low pressure controls to eliminate leaks (standard on all high and medium temperature models, adjustable low pressure control standard on low temperature models)

Components

Fan

- Specifically matched with motor and coil to attain maximum air movement and cooling

Motor

- Rated for 50 and 60 cycle application
- Standard PSC or optional Variable Speed EC (VSEC) motors with Orbus Controller

Compressor

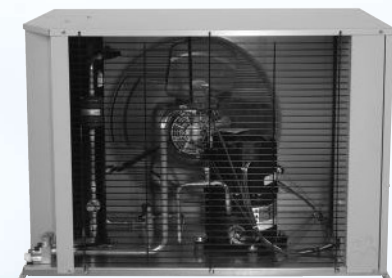
- Wide variety of compressors including: hermetic, semi-hermetic and scroll. R-404A/R-507A available for both medium and low temperature applications (R-407A/R-407C available on select Scroll & Hermetic Models, and R-448A/R-449A available on select Scroll & Hermetic Models)
- Spring-mounted compressors with vibration eliminators on all 1-1/2 to 3 HP semi-hermetic compressors; 1/2 to 1 HP semi-hermetic compressors are rigid mounted and have a discharge loop
- Discharge service valves come standard on all units



Typical Outdoor Hermetic Unit



Typical Outdoor Unit with throwaway liquid-line filter and sight glass



Typical Outdoor Hermetic Unit with liquid filter drier and sight glass