Air Cooled Condensing Units

Century Refrigeration's D Series air cooled condensing units are specifically designed to meet the demands of multiple load applications required for commercial and industrial duty refrigeration applications. D Series units are vertical air discharge condensing units that utilize a horizontal condenser coil, high volume condenser fans, and a separate subcooling circuit in the condenser to maximize performance. Our D Series condensing units arrive at the job site pre-piped and pre-wired to reduce field installation costs and additional labor before installation. The D Series is suitable for either pad mounting at ground level or for roof-top mounting.

The D Series is designed to operate in adverse conditions and meet the needs of the customer with minimal changes to the basic design. High or low ambients and high altitudes are not a problem for the D Series D Series condensing units can be applied between the operating saturated suction temperatures of -40°F and 45 °F depending on the unit selected and the refrigerant utilized. For higher or lower operating temperatures, please contact your local Century Refrigeration Representative.

Product Features

- 11,244 to 212,054 BTUH (Low Temp Units)
- 25,914 to 532,210 BTUH (High Temp Units)
- Designed for refrigerant R-404a and R-507, contact factory for alternative refrigerants
- Direct drive condenser fans
- Fan motor contacts
- Poly-coated fan guard
- Liquid receiver with relief valve
- Receiver inlet and outlet valves
- Refrigerant charging valve
- Compressor contactors
- Crankcase heater
- Compressor service valves
- Vibration isolation under compressor

- Discharge vibrasorber
- Head cooling fans standard on low temp units
- Separate sub-cooling circuit
- Fan motor overload protection
- Removable access panels
- NEMA 3R weatherproof electrical panel
- Hinged control panel access
- Prewired controls
- High pressure safety
- Low pressure operating control
- Rigging holes
- Copeland Core Sense motor and oil protection where applicable
- Run/Pumpdown switch