

Air Cooled Condensing Units

Century Refrigeration's N Series outdoor air cooled condensing units are designed to meet the demands of multiple load applications required for commercial and industrial duty refrigeration applications. N Series condensing units are made to operate in adverse conditions and meet the needs of each customer with minimal changes to the basic design. N Series condensing units utilize Bitzer™ compressors, which are famous for their low sound levels. N Series condensing units arrive completely pre-piped and pre-wired to reduce field installation costs and additional labor before installation. These units also utilize a unique horizontal condenser and coil design and high volume condenser fans. Each unit is provided with a separate sub-cooling circuit to maximize unit performance. The N Series condensing unit is suitable for mounting at ground or rooftop levels

Applications ranging from low temperature product storage, produce ripening, or medium temperature product storage can be readily supported by the N Series condensing units. These units are designed to operate in high and low ambient conditions with an operating saturated suction temperature between -40°F and 45 °F. For higher or lower operating temperatures, please contact your local Century Refrigeration Representative.



Product Features

- 9,851 to 297,808 BTUH (Low Temp Units)
- 24,590 to 338,806 BTUH (Med. Temp Units)
- 25,303 to 433,651 BTUH (High Temp Units)
- Designed for refrigerant R-404a and R-507, contact factory for alternative refrigerants
- Direct drive condenser fans
- Fan motor contactors
- Poly-coated fan guard
- Liquid receiver with relief valve
- Receiver inlet and outlet ball valves
- Refrigerant charging valve
- Compressor contactors
- Compressor overload protection
- Crankcase heater
- Compressor service valves
- Vibration isolation under compressor
- Discharge vibrator
- Head cooling fans when applicable on low temp units
- Separate sub-cooling circuit
- Fan motor overload protection
- Oversized, NEMA 3R control panel (to facilitate field-added electronic system controls) with hinged door
- Pre-wired electrical controls
- High pressure safety
- Low pressure operating control
- Rigging holes
- Oil failure control
- Run/Pumpdown switch
- 12 FPI max condensing surface
- Oversized high-efficiency condensers
- Condenser coil cleanout access
- Wiring raceway