



Packaged Air-Cooled Chillers





Very low noise level due to the high efficiency, EC motor driven.

Packaged Air-Cooled Chillers

Jetson Packaged Air-Cooled Chillers are designed for a variety of applications ranging from maintaining comfort in a building to cooling a process. With high efficiency, EC motor driven, condenser fans the unit produces a very low noise level and offers increased part-load unit efficiency.

Features & Options

- ≈ **Capacities from 10 to 80 tons**
- ≈ ASHRAE 90.1 compliant
- ≈ **High-efficiency scroll compressors, including variable speed**
- ≈ Intuitive, factory installed microprocessor-based controller compatible with BACnet®, Modbus®, and LonTalk®
- ≈ Standard uncoated or optional e-coated microchannel heat exchanger (MCHE) condenser coils
- ≈ **Hydronic pump package**
- ≈ **Operation from -20°F to 120°F (-29°C to 49°C) ambient temperature**
- ≈ Highly efficient, dual circuit brazed plate heat exchangers offer maximum performance at both full and part-load conditions. Robust shell and tube evaporators have larger passages and are more tolerant of water systems that may require frequent cleaning.
- ≈ Galvanized steel frame with painted epoxy finish on exterior panels minimize corrosion and promote long equipment life
- ≈ Four-pipe operation with brazed plate condenser sized for full heat rejection offers significantly more heating capacity than a desuperheater
- ≈ **Ground or rooftop installation**
- ≈ Heat recovery option can provide 140°F (60°C) water to reheat dehumidified buildings or pre-heat laundry or pool water
- ≈ **Compressors are factory installed on rubber isolation mounts for quiet operation**
- ≈ Compressor acoustic hoods and/or sound isolating cabinets are available for sound sensitive applications
- ≈ **Reduced refrigerant charge to help earn LEED EA credit**

Applications

- ≈ **High capacity evaporators are available for 40°F (4°C) leaving water applications or for applications requiring glycol to offset capacity reduction of glycol system.**
- ≈ **Ice making mode available for skating rinks, thermal storage and more.**
- ≈ Heat recovery capability up to 140°F (60°C) to conserve energy by using second condenser to provide leaving water to serve heat loads like boiler loops, reheat coils, and more.
- ≈ The flexible design of Jetson chillers allows applications in both process and comfort cooling applications.

Jetson
JetsonHVAC.com

903.758.2900 (Office)
903.758.2903 (Fax)
Sales@jetsonhvac.com