



## Modular Air-Cooled Chillers





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*Jetson Modular Air-Cooled Chillers feature an industry leading small-footprint and modular design that makes them ideal for easy replacement, retrofit, or new construction applications. With high efficiency, EC motor driven condenser fan, and low sound fan blade design, the unit produces a very low noise level and offers increased part-load unit efficiency and superior redundancy to single machines. By adding modules to the Jetson array, modular chillers can satisfy both current and future chilled water needs.*

### Features & Options

- ≈ **Modular capability to install up to ten (10) modules together to reach capacities up to 600 tons**
- ≈ **Intuitive, factory installed microprocessor-based controller compatible with BACnet®, Modbus®, and LonTalk®**
- ≈ **Flexible end-to-end and side-to-side configurations (see images) provide footprint flexibility for even challenging installations**
- ≈ Standard uncoated or optional e-coated microchannel heat exchanger (MCHE) condenser coils
- ≈ Compressors are factory installed on rubber isolation mounts for quiet operation
- ≈ Highly efficient, dual circuit brazed plate heat exchangers offer maximum performance at both full and part-load conditions.
- ≈ **Compressor acoustic hoods and/or sound isolating cabinets are available for sound sensitive applications**
- ≈ **Operation from -20°F to 120°F (-29°C to 49°C) ambient temperature**
- ≈ **Variable speed compressors and condenser fans**
- ≈ Galvanized steel frame with painted finish on exterior panels minimizes corrosion and promotes long equipment life
- ≈ ASHRAE 90.1 compliant
- ≈ Hydronic pump package
- ≈ Reduced refrigerant charge to help earn LEED EA credit 4

### 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.**
- ≈ Constant or variable primary flow systems with factory installed motorized or manual valve packages.
- ≈ **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.

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