

Air-Cooled Modular Chiller

Maximize Cooling Efficiency with ChillMaster Air-Cooled Modular Chillers

Designed for demanding applications, our Air-Cooled Modular Chiller (AMC) offers unmatched flexibility to adapt to your evolving cooling needs. Whether you're supporting a small data center or scaling up to a large industrial operation, the AMC lets you seamlessly add or remove modules to stay ahead of changing load demands while maintaining efficiency.

Built to perform under extreme conditions, the AMC operates reliably and efficiently in ambient temperatures ranging from 0°F to 125°F (-17.8°C to 51.7°C), ensuring maximum uptime even in the harshest environments. With optional free-cooling packages, the AMC leverages low ambient conditions to reduce compressor operation, lowering energy consumption, minimizing mechanical wear, and improving overall system efficiency and lifecycle cost.

Key Features & Benefits

- **Standard Temperature Control:** Maintain 40°F (4.4°C) chilled water, ideal for data centers, industrial, and commercial applications.
- **Low-Temp Cooling Upgrade:** Achieve 34°F glycol-free cooling, reducing maintenance and eliminating potential mess.
- **Free-Cooling Package:** Uses low ambient air to offset mechanical cooling, reducing compressor runtime and electrical demand.
- **Ambient Operation:** Operates efficiently in environments from 0°F to 125°F (-17.8°C to 51.7°C), ensuring reliable performance in diverse climates.
- **Cooling to Match Your Needs:** Available in 15-ton and 30-ton modules with a total bank capacity of up to 300-tons.
- **Maintenance Simplified:** Quick and user-friendly components with single-point electrical connections on multiple module banks.
- **Optional Add-Ons for Advanced Control:** Variable speed compressor and modulating isolation valves for enhanced efficiency and flow control.
- **24/7 Smart Monitoring:** Leverage Remote Program Monitoring (RPM) for real-time data access, proactive alerts, and advanced diagnostics.
- **American Quality:** Proudly made in Murfreesboro, TN



Learn more at chillmaster.net