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 140°F (-17.8°C to 60°C), ensuring maximum uptime even in the harshest environments. With the option for single or dual refrigeration circuits, the AMC maximizes energy efficiency and delivers consistent, dependable performance—helping to minimize downtime and reduce operating costs.

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.
- **Ambient Operation:** Operates efficiently in environments from 0°F to 140°F (-17.8°C to 60°C), ensuring reliable performance in diverse climates.
- **Cooling to Match Your Needs:** Available in 20-ton and 30-ton modules with a total bank capacity of up to 300-tons.
- **Maintenance Simplified:** Designed for quick maintenance with user-friendly components and single-point electrical connections.
- **Flexible Refrigeration Options:** Choose between single and dual refrigeration circuits for added reliability and built-in system redundancy.
- **Optional Add-Ons for Advanced Control:** Upgrade to variable speed compressor and modulating isolation valves for enhanced efficiency.
- **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