

EXCOOL'S FREE COOLING, AIR-COOLED WATER CHILLER

Precision engineered liquid cooling.



Capacity

400kW - 3000kW

Premium 304-grade stainless steel construction

Our precision engineering utilises non-corrosive stainless steel for an exceptionally long operational life.

Lightning-fast recovery

Designed for AI cooling loads, the chiller maintains a seamless cooling output with in-built power redundancy and smart controls for fast system restart during system outages.

Advanced evaporative cooling

Utilising power for critical IT load instead of cooling infrastructure with option for low-water evaporative cooling during peak ambient temperatures significantly reduces system power input.

Ultra-low noise operation

Suitable for installation in residential and noise-sensitive locations, advanced compressor and fan technology allows for whisper-quiet operation.

Intelligent free cooling

Minimise operational costs and mechanical system wear and tear with in-built free cooling, smoothly switching between modes for stable cooling output.

Simplified maintenance

The intelligent controls system continually monitors in-built variables, reducing day-to-day maintenance while forecasting and resolving issues before failings occur.

Direct-to-chip enabled

Intelligent fluid quality and temperature monitoring provides frequent system health checks and diagnostics to expertly handle water and glycol mix.



Extreme environment adaptability

Engineered for impeccable performance even in the most challenging ambient conditions, designed to operate at up to 57°C (135°F).

Instant on-site deployment

Prior to shipping, all S-Series chillers are load tested during factory commissioning to ensure rapid on-site deployment.

Optimal efficiency

Experience industry-leading low pPUE, ensuring maximum operational efficiency.

Fail-safe reliability

All S-Series chillers have a fail-safe to individual control under any unforeseen event to ensure full cooling capacity is maintained under all conditions.

Quick to market delivery

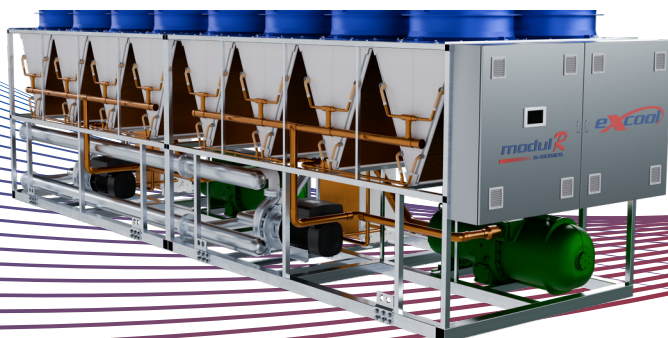
Accelerate your project schedule with our market-leading delivery windows.

Customisable capacity

Enjoy the freedom to select the number of heat rejection modules based on the optimal solution required.

Cost-efficient investment

With low CAPEX requirements, we provide a financially accessible solution without compromising on quality or functionality.





400kW - 3000kW

Model	EXMS3000 Range
Selected unit capacity	2200kW
Compressor technology	VSD-driven screw compressors
Refrigerant type	R1234ze
Free cooling type	Indirect
Frequency	50Hz/60Hz
Phases	3 + N + E
Voltage	380V-480V
Maximum power input	585kW
Primary CHW pump	Optional
CHW flange connection size	DN200
Dimensions	Height: 2400mm Length: 11969mm Width: 2242mm
Dry weight	10,000kg

This data sheet is based on 20°C/30°C CHW temperatures and a 40°C ambient design temperature.