



EXCOOL ZERO DATA CENTER COOLING SOLUTION

Indirect Adiabatic Cooling. Reimagined.



Capacity Range

250kW – 500kW

Optimised Energy Utilisation

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

Extreme Environment Adaptability

Engineered for impeccable performance, even in the most challenging ambient conditions.

Low-Water Cooling Solution

Achieve superior cooling capabilities consuming minimal water – the pinnacle of sustainability.

Slimline Infrastructure

Excool Zero's adiabatic cooling significantly decreases the peak connected load, resulting in reduced electrical infrastructure requirements.

In-Built Controls Redundancy

UPS-backed controls system, providing comprehensive visibility and immediate response to black building events.

Swift Cooling Backup

Full cooling capacity reached 45 seconds after generator startup, minimising operational disruptions.

Flexible Efficiency

Water and energy prioritisation through customisable efficiency parameters, meeting the specific requirements of all stakeholders.



Turnkey Installation

All-in-one plug & play package for fast deployment and revenue generation.

Quick-to-Market Delivery

Don't let timelines hold you back; our short delivery windows expedite your project schedule.

Intelligent Controls

Optimised cooling control for an advanced operational sequence, giving you precise thermal stability at the highest efficiency.

Onboard Water Treatment

Reduce CAPEX on makeup water plant by virtue of Excool Zero's onboard softening and biological filtration.

IT Infrastructure Protection

Ensure long-term reliability and performance of your servers with the security of Excool Zero's indirect cooling.

Easy Maintenance

Designed for straightforward, hassle-free upkeep, ensuring longevity and continuous performance.

Cost-Efficient Investment

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



EXCOOL ZERO 250

EXCOOL ZERO 450



Sensible Cooling Capacity	250 kW
Supply Air Volume Per Unit	36869 cfm
Design External Static Air Pressure	0.4 in.w.g
Air Filters	Washable Reticulated Foam
Water Filters	0.2µm Absolute Biological Filter Hexametaphosphate Cartridge
Peak Water Consumption	2.64 US gal/m
Peak Power Consumption	113kW
Electrical Supply 3phs 3/4wire + E	60Hz/480V
Dimensions	Height: 140 in Depth: 91 in Width: 118 in
Shipping Weight	7716 lbs
Operating Weight	9921 lbs

Sensible Cooling Capacity	470kW
Supply Air Volume Per Unit	63566 cfm
Design External Static Air Pressure	0.4 in.w.g
Air Filters	Washable Reticulated Foam
Water Filters	0.2µm Absolute Biological Filter Hexametaphosphate Cartridge
Peak Water Consumption	5.28 US gal/m
Peak Power Consumption	183kW
Electrical Supply 3phs 4wire	60Hz/480V
Dimensions	Height: 140 in Depth: 142 in Width: 177 in
Shipping Weight	12346 lbs
Operating Weight	17637 lbs

Please note this data sheet represents maximum values with all components operating at 100% capacity. This data sheet is not based on any specific outdoor ambient condition.



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