



# EXCOOL ZERO DATA CENTER COOLING SOLUTION

Indirect evaporative cooling. Reimagined.



## Capacity Range

**250kW – 550kW**

## 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 550



Sensible cooling capacity	<b>250kW</b>
Supply air volume per unit	<b>36869 cfm</b>
Design external static air pressure	<b>0.4 in.w.g</b>
Air filters	<b>Washable reticulated foam</b>
Water filters	<b>0.2µm absolute biological filter hexametaphosphate cartridge</b>
Peak water consumption	<b>148 GPM</b>
Peak power consumption	<b>115kW</b>
Electrical supply 3phs 3/4wire	<b>60Hz/480V</b>
Dimensions	<b>Height: 140 in Depth: 91 in Width: 118 in</b>
Shipping weight	<b>7716 lbs</b>
Operating weight	<b>9921 lbs</b>

Sensible cooling capacity	<b>550kW</b>
Supply air volume per unit	<b>68864 cfm</b>
Design external static air pressure	<b>0.4 in.w.g</b>
Air filters	<b>Washable reticulated foam</b>
Water filters	<b>0.2µm absolute biological filter hexametaphosphate cartridge</b>
Peak water consumption	<b>148 GPM</b>
Peak power consumption	<b>256kW</b>
Electrical supply 3phs 4wire	<b>60Hz/480V</b>
Dimensions	<b>Height: 140 in Depth: 142 in Width: 177 in</b>
Shipping weight	<b>12346 lbs</b>
Operating weight	<b>17637 lbs</b>

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.



Excool HQ, Bromsgrove, Worcestershire, B60 4EA  
 Tel: +44 (0) 1527 492750 | Email: info@excool.com | www.excool.com

