



INTRODUCING OUR REVOLUTIONARY EXCOOL FLEX DATA CENTER COOLING SOLUTION

Where Performance, Efficiency, and Innovation Intersect!

Capacity Range

400kW to 2000kW

High-Density Cooling Powerhouse
Achieve a best in class 50kW/ft of cooling for unparalleled thermal management.

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

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

Zero-Water Cooling Solution
Achieve superior cooling capabilities without consuming a drop of water – the pinnacle of sustainability.

Enhanced System Resilience
Benefit from a one-to-one connection architecture designed to fortify system reliability.

In-Built Power Redundancy
Our fully enclosed system ensures uninterrupted operation, safeguarding against power inconsistencies.

Swift Cooling Backup
With up to 1-minute cooling back-up during power loss scenarios, minimising operational disruptions.

Turnkey Installation
Supplied with flexible pipework, our units ensure rapid and cost-effective installation.



Quick-to-Market Delivery
Don't let timelines hold you back; our short delivery windows expedite your project schedule.

Customizable Capacity
Enjoy the freedom to mix and match indoor and outdoor units for an optimised cooling solution tailored to your needs.

Eco-Smart Design
Eliminate the need for glycol between indoor and outdoor units, featuring low GWP refrigerant for a greener tomorrow.

Seamless Infrastructure
Our enclosed data hall airflow negates the need for separate service corridors, streamlining your operational layout.

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.



Elevate your cooling infrastructure to new heights of engineering excellence. Choose the new Excool Flex Data Center cooling solution for an unmatched blend of performance and innovation.

EXCOOL FLEX CHILLER



EXCOOL FLEX FAN WALL



Free Cooling at 50°C Ambient	520kW
Free Cooling at 61°C Ambient	260kW
Condensing Air Volume	102000 cfm
External Water Pressure Drop	50 ft.w.g
Power Consumption	158kW
Electrical Supply 3phs 3/4wire + E	60Hz/480V
Depth	185 in
Width	90.5 in
Height	108 in
Operating Weight	7937 lbs

Max Sensible Cooling Capacity	520kW
Power Failure Redundancy	2 Minutes
Supply Air Volume	76515 cfm
External Static Air Pressure	0.4 in.w.g
Power Consumption	32kW
Electrical Supply 3phs 3/4wire + E	60Hz/480V
Depth	118 in
Width	126 in
Height	199 in
Operating Weight	8818 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.



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

