



# INTRODUCING OUR REVOLUTIONARY EXCOOL FLEX DATA CENTER COOLING SOLUTION

Where Performance, Efficiency, and Innovation Intersect!



**Capacity Range**  
**400kW – 600kW – 800kW**

**High-Density Cooling Powerhouse**  
Achieve a best in class 133kW of cooling per linear meter of wall 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 8°C Ambient	<b>400kW</b>
Free Cooling at 16°C Ambient	<b>200kW</b>
Available External Pressure Drop	<b>150kPa</b>
Voltage	<b>400V</b>
Frequency	<b>50Hz</b>
Phases	<b>3 + N + E</b>
Peak Power Consumption	<b>153kW</b>
Depth	<b>4700mm</b>
Width	<b>2300mm</b>
Height	<b>2750mm</b>
Operating Weight	<b>3600kg</b>

Sensible Cooling Capacity	<b>400kW</b>
Power Failure Redundancy	<b>2 Minutes</b>
Supply Air Volume	<b>28m³/s</b>
Voltage	<b>400V</b>
Frequency	<b>50Hz</b>
Phases	<b>3 + N + E</b>
Peak Power Consumption	<b>20kW</b>
Depth	<b>3000mm</b>
Width	<b>3200mm</b>
Height	<b>5050mm</b>
Operating Weight	<b>4000kg</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.



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