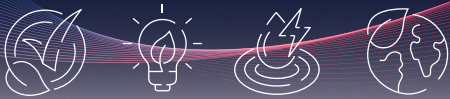


# EXCOOL CDU DATA CENTER COOLING SOLUTION

Precision engineered liquid cooling.



## Capacity

**400kW - 1500kW**

## Premium 316-grade stainless steel construction

Precision engineering using premium 316-grade stainless steel ensuring erosion resistance and longevity.

## Dual hygienic flanged connection points

Installation flexibility with dual top and bottom hygienic flanged connection points.

## Built-in electrical redundancy

Dual power feed connections with a built-in Automatic Transfer Switch (ATS) for complete electrical redundancy.

## Remote monitoring and diagnostics

Evaluate system performance and diagnose issues in real-time with remote monitoring from the local BMS or Excool HQ.

## In-built controls redundancy

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

## Hot-swappable componentry

Minimise operational downtime with hot-swappable fluid filtration system and pump components.



## Fluid integrity monitoring

Intelligent fluid quality monitoring providing frequent system health check and diagnostics.

## Versatile compatibility

Suitable for use with water, PGW and EGW mixes for flexible system configuration.

## High-density cooling for HPC and AI

Specifically designed for current and future high-performance computing and AI applications.

## Lightning fast response

Immediate control of instantaneous AI load activation through integrated system communication.

## Intelligent controls package

Optimised group control with an advanced operational sequence, giving precise thermal stability at the highest efficiency.

## Versatile operation

Expansion vessel fitted to allow for a range of operational temperatures depending on computational requirements.

## Cost-efficient investment

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



#### Frame size 1: 400kW - 800kW

Model	EX-CDU-400
Nominal flow rate	10 L/s
External pressure drop	350kPa
Approach temp delta	2 - 4 °C
Number of pumps	2 (N+1)
Frequency	50Hz/60Hz
Phases	3 + N + E
Compatible fluids	Glycol, water
Maximum power input	6.5kW
Primary/secondary filtration	From 20-500µm
Primary/secondary pipework connections	Flanged, top and bottom
Dimensions	Height: 2038mm Depth: 1200mm Width: 900mm
Dry weight	900kg
Operating weight	1100kg

#### Frame size 2: 800kW - 1500kW

Model	EX-CDU-1000
Nominal flow rate	26 L/s
External pressure drop	350kPa
Approach temp delta	2 - 4 °C
Number of pumps	2 (N+1)
Frequency	50Hz/60Hz
Phases	3 + N + E
Compatible fluids	Glycol, water
Maximum power input	15kW
Primary/secondary filtration	From 20-500µm
Primary/secondary pipework connections	Flanged, top and bottom
Dimensions	Height: 2038mm Depth: 1200mm Width: 1200mm
Dry weight	1500kg
Operating weight	1800kg

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.