

WayCool
by WayAir

COOLANT DISTRIBUTION UNIT



RELIABLE COOLING FOR MISSION CRITICAL ENVIRONMENTS

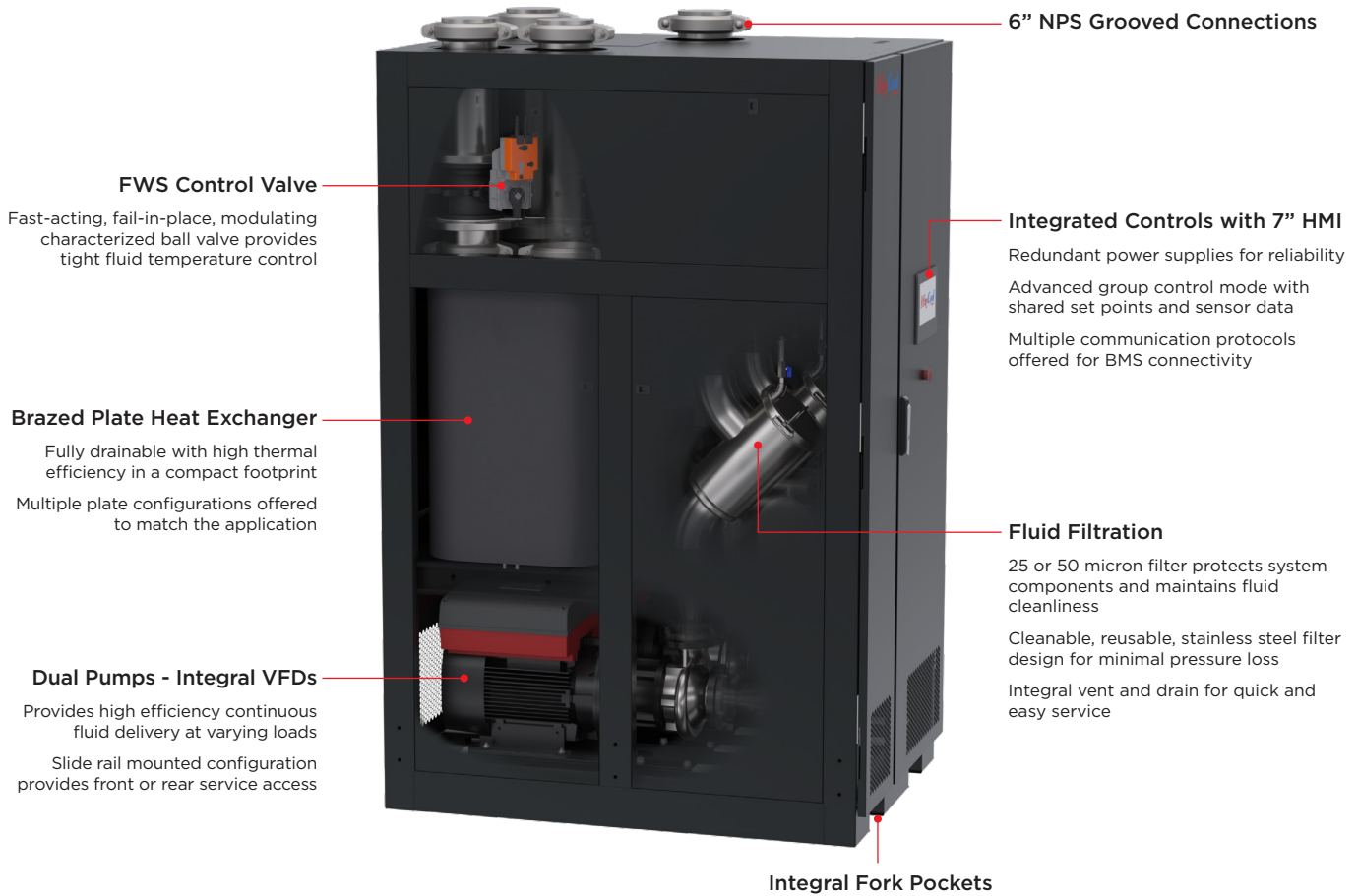
WayCool Cooling Distribution Units deliver precision engineered cooling for modern data centers deploying direct liquid cooling. Designed for uptime, scalability, and serviceability, the CDU series bridges facility chilled water infrastructure with server-level liquid cooling loops in both new construction and retrofit installations.

COMPACT, SERVICE-READY DESIGN

The CDU-6 is housed in a robust, freestanding enclosure engineered for reliability and ease of maintenance in mission critical environments.

- Front-accessible service panels allow maintenance without removing the unit from service.
- Multiple installation configurations for front and side access or front and rear access to fit your needs.
- Stainless steel wetted components for corrosion resistance.
- All fluid connections are clearly labeled and accessible at the enclosure face.
- Drip tray and leak detection provisions standard on all units.

CDU FEATURES

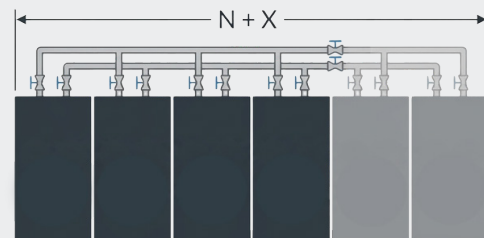


OPTIMIZED REDUNDANCY ARCHITECTURE

WayCool CDUs provide redundant sensors to ensure reliable pump and valve control, and the controls system is powered from dual sources. Redundancy for pumps, filters, and heat exchangers are delivered at the system level rather than within the unit itself.

REDUNDANCY DESIGN PRINCIPLES

- First Cost Savings, Lower Operating Cost & Maintenance Cost
- Units operate in load-sharing mode to equalize wear across the fleet
- Hot-swappable pumps and filters for zero-downtime replacement
- >10% improved pump efficiency over 2N designs



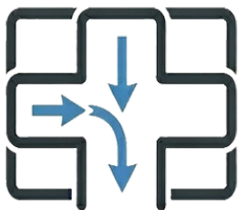
SIZING GUIDANCE

- WayCool engineering expertise applied to your design
- N+1 configurations recommended for standard uptime requirements
- N+2 or 2N configurations available for Tier III / Tier IV design targets
- The WayCool compact CDU group design scales to your capacity needs

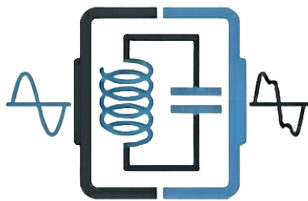


MODEL	W x L x H		PUMP QTY	NOMINAL CAPACITY	OPERATING CONDITION	NOMINAL TCS FLOW RATE		NOMINAL FWS FLOW RATE		DESIGN APPROACH*		MAX EXTERNAL PRESSURE	
	MM	IN				LPM	GPM	LPM	GPM	C	F	KPA	PSI
CDU-6	1000 x1500 x 2300	40" x 60" x 91"	2	3125	1.2 LPM/ KW	3750	991	3742	989	6	10.8	414	60
				2500	1.5 LPM/ KW			3647	963	5	9		
				2150	1.2 LPM/ KW (HIGH PRESSURE)	2580	682	3750	991	3	5.4	621	90
				1750	1.5 LPM/ KW (HIGH PRESSURE)			3665	968	2.5	4.5		

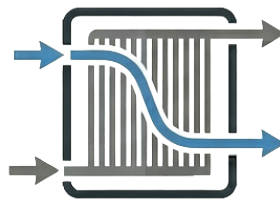
OPTIONAL FEATURES



AUTOMATIC TRANSFER SWITCH (ATS)



HARMONIC FILTER



HEAT EXCHANGER OPTIONS



FILTRATION OPTIONS



WATER QUALITY MONITORING

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