

DDC S-5 Rack Containment Unit

Ultra-Wide, NVL-Class Containment for Next-Generation AI Racks

	Model: S-5 - GPU (50-85kW)	Model: S-5 - MAX (85-100 kW)
Cabinet Only Power Draw	9kW (nameplate)	
Rack Width	42" Wide	42" Wide
Rack Units	48U * Roll-in only	48U *Roll-in only
Heat Abatement	Up to 85kW air-only cooling	Up to 100kW air-only cooling
Fire Suppression	Optional	Optional
Coil Design	Dual / Redundant	Dual / Redundant
Water Flow (Range)	0 – 36 USGPM	0 – 50 USGPM
Motor/Fan Design	Dual (series)	Dual (parallel)
Cabinet Power Voltage Option	208/230-415/460 3P @50/60Hz	208/230-415/460 3P @50/60Hz
Water Operating Temp	Standard Operating Temps 40°- 65°F, High Water Temp (HWT) Available Up to 80°F	Standard Operating Temps 40°- 65°F, High Water Temp (HWT) Available Up to 80°F
Water PH Level Requirement	7.5 to 8.5	7.5 to 8.5
Biometric Access Control	User Scope	User Scope
Local Setpoint Control	Standard	Standard
DDC – DCIM Software	Standard	Standard
BMS Integration	Optional	Optional
Dimensions - 52U*	127" H X 42" W X 96.4" D 3226 mm X 1067 mm X 2445.6 mm	127" H X 42" W X 96.4" D 3226 mm X 1067 mm X 2445.6 mm
Recommended Service Height	24"	24"
Maximum Equipment Depth	60 (in) 1524 (mm)	60 (in) 1524 (mm)
NEMA Design	NEMA 3R	NEMA 3R
Weight	860LB	880LB
PDU 208V	Up to 5 per side A/B Power	Up to 5 per side A/B Power
PDU 415V	Up to 5 per side A/B Power	Up to 5 per side A/B Power
Liquid-To-Chip Provisioning	Optional	Optional
Cable Management	Standard	Standard
Roll-In Accommodation	Only Option Available	Only Option Available

*Add 6.5 inches for palletted height