

# COMPLETE DATA CENTER COOLING SOLUTION

Any Density. Any Scale. Anywhere.

Model: S4 - Base (15-50 kW)

Cabinet Only Power Draw	6kW (nameplate)	
Rack Width	30" Wide	36" Wide
Rack Units	45U, 48U, 52U	45U, 48U, 52U
Heat Abatement - 100% Water	52kW	52kW
Fire Suppression	Optional	Optional
Coil Design	Dual / Redundant	Dual / Redundant
Water Flow (Range)	0 – 36 USGPM	0 – 36 USGPM
Motor/Fan Design	Dual (series)	Dual (series)
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 - 45U	115" H X 30" W X 82" D 2921 mm X 762 mm X 2083 mm	115" H X 36" W X 82" D 2921 mm X 914 mm X 2083 mm
Dimensions - 48U	120" H X 30" W X 82" D 3048 mm X 762 mm X 2083 mm	120" H X 36" W X 82" D 3048 mm X 914 mm X 2083 mm
Dimensions - 52U	127" H X 30" W X 82" D 3226 mm X 762 mm X 2083 mm	127" H X 36" W X 82" D 3226 mm X 914 mm X 2082 mm
Recommended Service Height	24"	24"
Maximum Equipment Depth	48 (in) 1200 (mm)	48 (in) 1200 (mm)
NEMA Design	NEMA 3R	NEMA 3R
Weight	790LB	820LB
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	N/A	Optional

# COMPLETE DATA CENTER COOLING SOLUTION

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Model: S4 - GPU (50-85 kW)

Cabinet Only Power Draw	9kW (nameplate)		
Rack Width	30" Wide	36" Wide	42" Wide
Rack Units	5U, 48U, 52U	45U, 48U, 52U	48U * Roll-in only
Heat Abatement - 100% Water	80kW	85kW	85kW
Fire Suppression	Optional	Optional	Optional
Coil Design	Dual / Redundant	Dual / Redundant	Dual / Redundant
Water Flow (Range)	0 – 36 USGPM	0 – 36 USGPM	0 – 36 USGPM
Motor/Fan Design	Dual (series)	Dual (series)	Dual (series)
Cabinet Power Voltage Option	208/230-415/460 3P @50/60Hz	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	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	7.5 to 8.5
Biometric Access Control	User Scope	User Scope	User Scope
Local Setpoint Control	Standard	Standard	Standard
DDC – DCIM Software	Standard	Standard	Standard
BMS Integration	Optional	Optional	Optional
Dimensions - 45U	115" H X 30" W X 82" D 2921 mm X 762 mm X 2083 mm	115" H X 36" W X 82" D 2921 mm X 914 mm X 2083 mm	N/A
Dimensions - 48U	120" H X 30" W X 82" D 3048 mm X 762 mm X 2083 mm	120" H X 36" W X 82" D 3048 mm X 914 mm X 2083 mm	N/A
Dimensions - 52U	127" H X 30" W X 82" D 3226 mm X 762 mm X 2083 mm	127" H X 36" W X 82" D 3226 mm X 914 mm X 2083 mm	127" H X 42" W X 96.4" D 3226 mm X 1067 mm X 2445.6 mm
Recommended Service Height	24"	24"	24"
Maximum Equipment Depth	48 (in) 1200 (mm)	48 (in) 1200 (mm)	48 (in) 1200 (mm)
NEMA Design	NEMA 3R	NEMA 3R	NEMA 3R
Weight	820LB	860LB	860LB
PDU 208V	Up to 5 per side A/B Power	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	Up to 5 per side A/B Power
Liquid-To-Chip Provisioning	Optional	Optional	Optional
Cable Management	Standard	Standard	Standard
Roll-In Accommodation	N/A	Optional	Only Option Available

# COMPLETE DATA CENTER COOLING SOLUTION

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Model: S4 - MAX (85-100 kW)

Cabinet Only Power Draw	9kW (nameplate)	
Rack Width	36" Wide	42" Wide
Rack Units	45U, 48U, 52U	48U *Roll-in only
Heat Abatement - 100% Water	100kW	100kW
Fire Suppression	Optional	Optional
Coil Design	Dual / Redundant	Dual / Redundant
Water Flow (Range)	0 – 50 USGPM	0 – 50 USGPM
Motor/Fan Design	Dual (parallel)	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 - 45U	115" H X 36" W X 82" D 2921 mm X 914 mm X 2083 mm	N/A
Dimensions - 48U	120" H X 36" W X 82" D 3048 mm X 914 mm X 2083 mm	N/A
Dimensions - 52U	127" H X 36" W X 82" D 3226 mm X 914 mm X 2083 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	48 (in) 1200 (mm)	48 (in) 1200 (mm)
NEMA Design	NEMA 3R	NEMA 3R
Weight	880LB	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	Optional	Only Option Available