

# S-Series Specs



Model	S-1020	S-1042	S-1085
Density Capability	20kW	42kW	85kW
Rack Units	40U, 45U	40U, 45U, 60U*	40U, 45U, 60U*
Fire Suppression	Optional	Included	Included
Coil Design	Single	Single	Dual
Water Flow(Range)	0 - 5.9 GPM	0 - 5.9 GPM	0 - 11.8 GPM
Fan Design	Single	Single	Dual
Airflow	Up to 1800 CFM	Up to 3500 CFM	Up to 3500 CFM
Cabinet Power Voltage Option	"120v 1P, 208v 1P, 240 1P @50-60Hz"	"120v 1P, 208v 1P, 240 1P @50-60Hz"	"120v 1P, 208v 1P, 240 1P @50-60Hz"
Additional Power Options	N/A	380-480v, 3P	380-480v, 3P
Water Operating Temp	Standard Operating Temps 40° - 65°F, High Water Temp (HWT) Support Options Available Up to 80°F		
Biometric Access Control	N/A	Optional	Optional
Local Setpoint Control	Included	N/A	N/A
<b>DDC - DCIM Software</b>	<b>N/A</b>	<b>Required</b>	<b>Required</b>
Remote Management	N/A	Included	Included
Environmental Analytics Package	N/A	DDC Power Strips Required	DDC Power Strips Required
BMS Integration	N/A	Optional	Optional
<b>Physical Specifications</b>	115 x 24x 79 (in)	115 x 24x 79 (in)	115 x 24x 79 (in)
Measurements(45U)	292 x 61 x 201 (cm)	292 x 61 x 201 (cm)	292 x 61 x 201 (cm)
Maximum Equipment Depth	48 (in) 1200 (mm)	48 (in) 1200 (mm)	48 (in) 1200 (mm)
NEMA Design	NEMA 3	NEMA 3	NEMA 3

\*Actual kW will vary with Relative Humidity, Water Temperature and RU space of the Cabinet

# R-Series Specs



Model	R-1012 <b>RHD-12</b>	R-1024 <b>RHD-24</b>	R-1030 <b>RHD-30</b>	R-1042 <b>RHD-42</b>	R-XT	R-Mobile
Density Capability	293W-1.75kW <b>15kW</b>	2.3-3.5kW <b>24kW</b>	2.3kW-7.9kW <b>30kW</b>	5.8-11kW <b>42kW</b>	20kW-80kW	3.5kW-5.9kW
Rack Units	12U	24U	30U	42U	42U	24U
Measurements (HxWxD)	32.5 x 25.5 x 55 (in) 82.5 x 65 x 140 (cm)	58 x 28.5 x 58 (in) 173 x 71 x 173 (cm)	68.5 x 28.5 x 58 (in) 181 x 71 x 173 (cm)	95 x 30.5 x 75 (in) 242 x 78 x 191 (cm)	90 x 48 x 64 (in) 229 x 122 x 163 (cm)	61-78 x 25.5 x 66 (in) 155-198 x 65 x 168 (cm)
Max Equipment Depth	32 (in) 81.3 (cm)	29 (in) 73.66 (cm)	29 (in) 73.66 (cm)	29 (in) 73.66 (cm)	36 (in) 91.44 (cm)	29 (in) 73.66 (cm)
Unit Weight	310 (lbs) 141 (kg)	675 (lbs) 306 (kg)	725 (lbs) 329 (kg)	1,100 (lbs) 499 (kg)	2,300 (lbs) 1044(kg)	800 (lbs) 363 (kg)
NEMA Rating	NEMA 4 (4X option)	NEMA 4 (4X option)	NEMA 4 (4X option)	NEMA 4 (4X option)	NEMA 4 (4X option)	NEMA 3/4
Controls	Automated Cooling / HVAC Control					
Fire Suppression / Risk Mgmt.	Integrated, Inert Gas Based					
Cabinet-Level Power (CDUs)	Optional					
Power Management	Optional based on location					
Cooling System	Dx AC <b>Water Cooled</b>	Dx AC <b>Water Cooled</b>	Dx AC <b>Water Cooled</b>	Dx AC <b>Water Cooled</b>	Water Cooled	Dx AC
Water Temp Operating Range (RHD & R-XT Only)	Standard Operating Temps 45° - 60°F (7.2°-15.6°C)					NA
Flow Rate (RHD & R-XT Only)	<b>4-10 GPM (0.9-2.7 m3/h)</b>				19 GPM (4.3 m3/h)	NA
Inter-Cabinet Cable Mgmt.	Optional				Included	Optional
Security Options	Locks/Biometrics/2FA					