



FEATURES & BENEFITS

1 Front Access Only

- Allows total absence of raised floor
- Reduces maintenance operation time and TCO
- Promotes uniform distribution of air temperature

2 Customization and Flexibility

Purpose-built with full customization of the coil and hydraulic connection and optional accessories



3 Mechanical Gallery Installation

- Designed to optimize hot/cold aisle layout, guaranteeing perfect cooling of the whole IT environment
- Facilitates easy maintenance and routine inspection
- Increases available space for server racks

4 State-of-the-art Control System

- Touch keyboard and KIPLink Wi-Fi technology
- Remote monitoring through web browser
- LAN connectivity of up to 15 units, optimizing load distribution, alarm management, and back-up/stand-by of the units

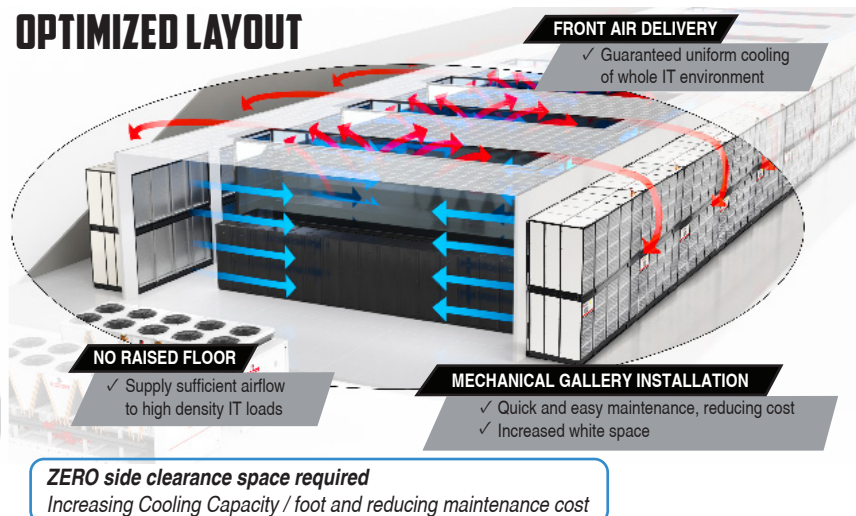


		402	462
COOLING CAPACITY ¹			
Total Cooling Capacity	kBtu/h (kW)	1,365 (400)	1,456 (427)
Sensible Cooling	kBtu/h (kW)	1,365 (400)	1,456 (427)
Sensible Heat Ratio (SHR) ²		1.0	1.0
SUPPLY FAN			
"EC" Fans	n.	8	8
Airflow	cfm (m³/h)	52,972 (90,000)	58,858 (100,000)
External Static Pressure	inH2O (Pa)	0.2 (50)	0.2 (50)
COOLING COIL			
Water Flow Rate	GPM (l/s)	171 (10.8)	182 (11.5)
Coil + Valve dP	ftH2O (kPa)	17.9 (53.5)	17.3 (51.7)
Water Content	G (L)	60.2 (228)	70.2 (266)
AIR FILTERS			
Filtering Surface	ft² (m²)	101.6 (9.44)	115.0 (10.69)
Efficiency (ISO EN 16890)	MERV	MERV8	MERV8
POWER SUPPLY			
	V/Ph/Hz	460/3/60	460/3/60
DIMENSIONS			
Length	in	142	142
Depth	in	63	63
Height	in	138	157
Net Weight	lb	5,071	5,512
HYDRAULIC CONNECTION			
Water Inlet / Outlet - DN / Inches	in	3	3

⁽¹⁾ Gross value. Characteristics refer to incoming air 95°F (35°C) - 30% rH with chilled water 66 (18.9°C) - 82°F (27.8°C) - 0% glycol. ESP = 0.2 in H2O (50 Pa).

⁽²⁾ SHR = Sensible Cooling Capacity / Total Cooling Capacity

OPTIMIZED LAYOUT



ABOUT US

Based in Pittsburgh, PA, the Critical Power Solutions Division (CPSD) is a business unit of **Mitsubishi Electric Power Products, Inc. (MEPPI)**. Mitsubishi Electric has been manufacturing precision engineered highly reliable uninterruptible power supplies since 1964 and introduced a line of cooling systems in 2021. CPSD's operations include Project Application Engineering, Design Engineering, Service & Support, Manufacturing & Warehousing, Quality, Sales and Marketing.