

Challenger M+ — *Unparalleled Environmental Control to Match Various Applications*

The versatile system provides 20kW~100kW cooling capacity

Applications

- Switch center and mobile equipment rooms
- Computer rooms and Internet Data Centers
- High-tech environments and laboratories
- Industrial control centers and precision manufacturing centers
- Precision test and calibration centers
- UPS and battery rooms
- Biological laboratories
- Hospitals and medical diagnostic rooms

Features

- V - configuration cooling coil
- Specific dehumidification cycle
- High efficiency scroll compressor
- Electrode humidifier
- High sensible heat ratio
- Large LCD display graphs and control menu for convenient system management
- Standard RS232 communications port

Benefits

- Compact system with small foot print
- Front access for convenient maintenance
- Innovative belt auto-adjusting configuration can reduce system wear and ensures long life
- Air, water, glycol and chilled water configurations are available to meet field conditions
- Optional S72.4 monitoring software is able to monitor up to 99 units
- Optional Link-Up field monitor can monitor up to 24 units that form operational and standby groups



Dimensions And Weight

Model	Model	L × W × H(mm)	Weight(kg)	Remark	
Challenger M+	Indoor model	CM20AF/D/R-15-M	834 × 877 × 1950	300	Single unit
		CM30AF/D/R-15-M		320	
	Indoor model	CM40AF/D/R-15-M	1664 × 877 × 1950	545	Double units
		CM50AF/D/R-15-M		570	
		CM60AF/D/R-15-M		669	
		CM70AF/D/R-15-M		654	
		CM80AF/D/R-15-M		669	
		CM90AF/D/R-15-M			
	Indoor model	CM100AF/D/R-15-M	2494 × 877 × 1950	864	Three units
				869	
	Outdoor model	CSF078	1220 × 904 × 980/820	65	
		CSF113	1220 × 904 × 980/820	78	
		CSF141	1820 × 904 × 980/820	90	
		CSF171	1820 × 904 × 980/820	103	
CDF141		1820 × 904 × 980/820	90		
CDF171		1820 × 904 × 980/820	103		
CDF194		1820 × 904 × 980/820	131		