MRF- 1.6 / 1.9

InfraCool®

Intelligent (Master IP) 1U Fan Tray

MRF-1.9

FC CE RoHS REACH

Benefits

▶ 1U rackmount w/ 6 or 9 fans
▶ Cascade ports for daisy chain up to 16 levels via Cat6 cable
▶ Designed for low noise & high airflow performance
▶ 1 x intelligent Master IP fan unit allows access to 16 fan unit levels over internet
▶ Free **ICM-02** management software remote access up to 480 fan units
▶ Auto & manual CFM setting reduces power consumption
▶ 1 x bundled temp. sensor with 2M wire
▶ Temperature sensing technology adjusts the fan speeds accordingly
▶ Unit or individual fan on / off (remote or local)
▶ 48V, 24V or 12VDC power option
▶ 2-year standard warranty (upgradable up to 5 years)

Product Specifications

	MRF-1.6	MRF-1.9
No. of Fan	6	9
Mounting	1U	1U
Unit CFM (approx.)	648 CFM	972 CFM
Individual Fan CFM	108 CFM	
Individual Fan ON / OFF	Yes	
CFM Level	Normal / High / Max.	
IP Remote Access	Yes	
Daisy Chain Level	1st level, Intelligent (Slave) Fan for level 2 - 16	
MTBF	50,000 hrs	
Individual Fan Noise Level	41 dB	

Physical		MRF-1.6	MRF-1.9
Dimensions (W x D x H)	Product	480 x 458 x 44 mm	480 x 623 x 44 mm
		18.9 x 18 x 1.73 inch	18.9 x 24.5 x 1.73 inch
	Packing	550 x 550 x 120 mm	550 x 730 x 120 mm
		21.7 x 21.7 x 4.7 inch	21.7 x 28.7 x 4.7 inch
Weight	Net	6.8 kg / 15 lb	9 kg / 19.8 lb
	Gross	8 kg / 17.6 lb	11 kg / 24.2 lb
Casing Color		Black	

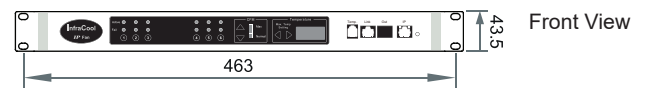| Power	MRF-1.6	MRF-1.9
Consumption	40W	60W
Input	Auto-sensing 100V or 240V AC at 50 or 60Hz via IEC cord	

Temperature Sensor	
Temperature Port	1 x temperature sensor port (sensor bundled)
Measurement Range	0 to 99.9°C
Measurement Accuracy	+/- 1.5%
Temperature Alarm	Yes

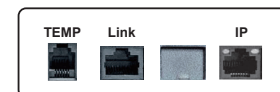| Environment	
Operating	0 to 50°C
Storage	-5 to 60°C
Relative Humidity	90%, non-condensing
Shock	50G acceleration (11ms, half-sine wave)
Vibration	58~100Hz / 0.98G (11ms / cycle)

Compliance	
EMC	FCC & CE certified
Safety	CE / LVD certified
Environment	RoHS3 & REACH compliant

MRF-1.6

43.5
463
Front View

TEMP Link IP

- Temp. port
- IP port for remote access
- Daisy chain Link port

Server Rack

Top
Exhaust hot air out

Equipment
Cooling

Bottom
Cool air in