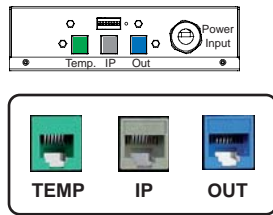


### MRF-33.9 33U Door Mount Fan Panel

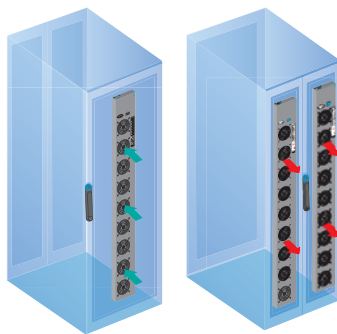
#### Features & Benefits

- ▶ Easy installation with common tools
- ▶ Thin & light weight design only 5 kgs / 11 lbs
- ▶ Designed for low noise & high airflow performance
- ▶ Improves extraction of heat from high density rack
- ▶ Cascade ports for daisy chain up to 16 levels via Cat6 cable
- ▶ 1 x 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 temp. sensor port with a bundled sensor
- ▶ Temperature sensing technology adjusts the fan speeds accordingly
- ▶ Unit or individual fan on / off ( remote or local )
- ▶ 48V, 24V or 12VDC power option

Top View



Front Door Cool Air In Rear Door Hot Air Out



#### Ordering Information

Model	Installation	Airflow	Purpose
<b>MRF-33.9A</b>	Rear door outside	Extract airflow	Exhaust air out from rack
	Front door inside	Intake airflow	Cool air in from aisle
<b>MRF-33.9B</b>	Front door outside	Intake airflow	Cool air in from aisle
	Rear door inside	Extract airflow	Exhaust air out from rack



\* Package includes the material of clear polycarbonate plastic to block off the remaining open perforated area of the door to eliminate bypass air.

#### Specifications

##### • MRF-33.9 Master IP Fan Panel

IP Remote Access :	Yes
Daisy Chain Level :	1st level, Remote fan model <b>RF-33.9</b> for level 2 - 16
No. of Fans :	9
Individual Fan / Unit CFM ( approx. ) :	108 / 972 CFM
CFM level :	Normal / High / Max.
Individual Fan on / off :	Yes
MTBF :	50,000 hrs
Individual Fan Noise Level :	41 dB
<b>• Temperature Sensor</b>	
Temp. Port :	1 x temp. sensor port ( sensor bundled )
Measurement Range :	0 to 99.9°C
Measurement Accuracy :	+/- 1.5%
Temperature Alarm :	Yes
<b>• Environmental</b>	
Operating :	0 to 50°C Degree
Storage :	-5 to 60°C Degree
Relative humidity :	5~90%, non-condensing
Shock :	50G peak acceleration ( 11ms, half-sine wave )
Vibration :	58~100Hz / 0.98G ( 11ms / cycle )
<b>• Power</b>	
Input :	Auto-sensing, 100V or 240V AC at 50 or 60Hz via IEC cord
Consumption :	60W
<b>• Case Color :</b>	
	Black
<b>• Mounting :</b>	
	33U door mount
<b>• Safety Regulatory :</b>	
	FCC & CE certified
<b>• Environmental :</b>	
	RoHS2 & REACH compliant by SGS
<b>• Dimensions</b>	
Product :	195 x 42.9 x 1466 mm / 7.7 x 1.7 x 57.7 inch
Packing :	300 x 140 x 1500 mm / 11.8 x 5.5 x 59 inch
<b>• Weight</b>	
Net / Gross :	5 kgs ( 11 lbs ) / 7.4 kgs ( 16.3 lbs )

