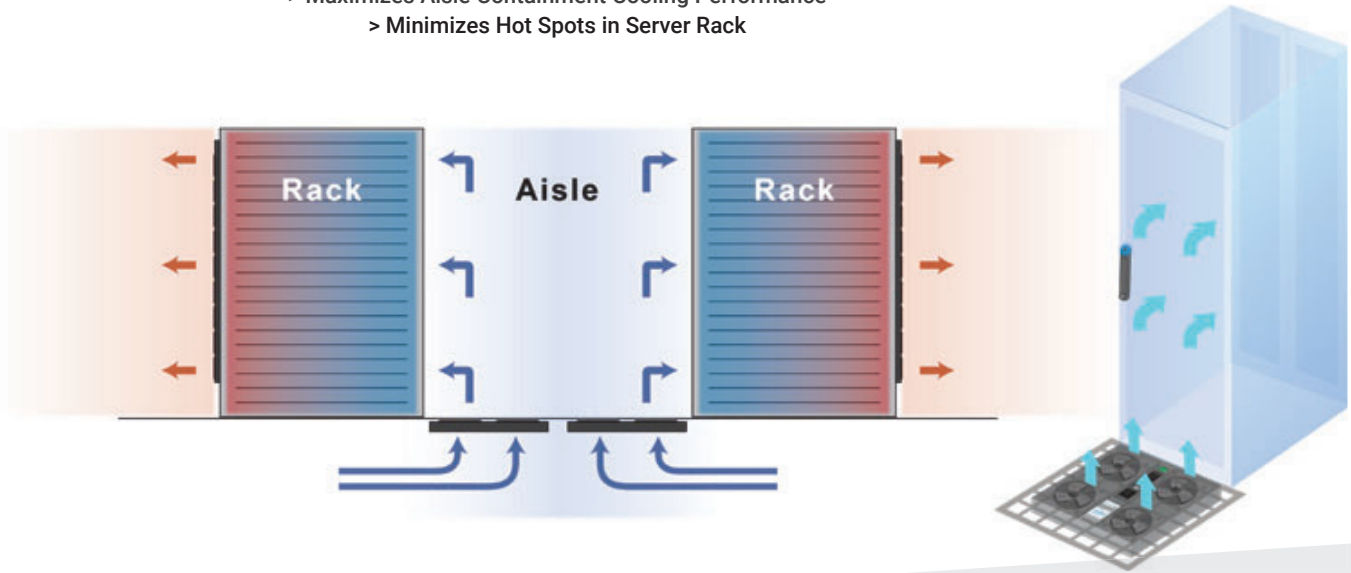


Thermal management presents big challenges for today's data centers, chief among which is cooling equipment in enclosed racks. InfraCool intelligent cooling solutions provide appropriate airflow, while helping minimize operational costs associated with data center energy consumption. Make InfraCool an integral part of your rack cooling strategy today.



Fan Series	Door Mount Fan Panel	1U Fan Tray			Raised Floor Mount Fan
Intelligent Master	MRF-33.9	✘	MRF-1.6	MRF-1.9	WF-66.4
Intelligent Expansion	RF-33.9	✘	RF-1.6	RF-1.9	
Basic	F-33.9	F-1.3	F-1.6	F-1.9	F-66.4
Fan Number	9	3	6	9	4 (EC Fan)
Total CFM	972	324	648	972	2172
Airflow					
Temp. Port	1		1		2
Temp. Sensor	1		1		2
Intelligent Fan Features:					
16 Daisy Chain Levels	✓		✓		✘
Auto Fan Speed Control	✓		✓		✘
2.8" Touchscreen	✘		✘		✓
Control Panel	✓		✓		✘
Individual Fan On/Off	✓		✓		✓
Alarm Temp. Setting	✓		✓		✓
Unit CFM Setting	✓		✓		✘
Temperature Monitoring	✓		✓		✓
Fan Status Monitoring	✓		✓		✓
CFM Status Monitoring	✓		✓		✘

- > Maximizes Aisle Containment Cooling Performance
- > Minimizes Hot Spots in Server Rack



Intelligent Model WF-66.4



Benefits

- ▶ Allows remote access over IP
- ▶ Remote fan On / Off and status monitoring
- ▶ Support SNMP V2 / V3 centralized management platforms
- ▶ Free WF-04-S software for remote fan management
- ▶ 2.8" touchscreen color LCD
- ▶ Fan status & alarm alert
- ▶ Quad EC (Electronically Communicated) fans
- ▶ Fan CFM : 543 CFM
- ▶ Unit CFM : 2172 CFM
- ▶ Bundled with 2 x temperature sensor with 4M wire
- ▶ Bundled with raised floor mounting kit

Connection Ports (at Side of Fan Unit)



Temperature Sensor (Pair)

- Bundled with Intelligent Fan
- Magnetic base
- Plug & Play
- 4M wire



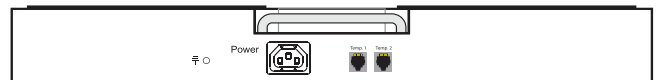
Basic Model F-66.4



Benefits

- ▶ Quad EC (Electronically Communicated) fans
- ▶ Fan CFM : 543 CFM
- ▶ Unit CFM : 2172 CFM
- ▶ Adjustable CFM levels
- ▶ Unit or individual fan on / off
- ▶ 2 x front temperature LED
- ▶ Bundled with 2 x temperature sensor with 4M wire
- ▶ Bundled with raised floor mounting kit

Connection Ports (at Side of Fan Unit)



Temperature Sensor (Pair)

- Bundled with Basic Fan
- Plug & Play
- 4M wire



Intelligent Model:
Master IP MRF-33.9
Expansion RF-33.9

Basic Model:
F-33.9

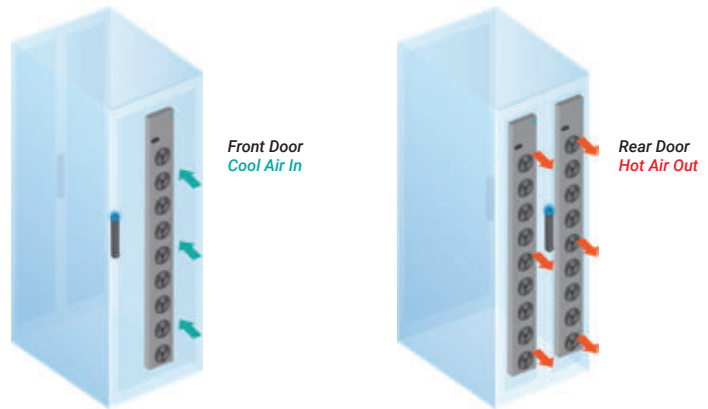


Benefits

- ▶ 33U door mount without occupying rack space
- ▶ Easy installation with common tools
- ▶ Designed for low noise & high airflow performance
- ▶ Thin & light weight design only 5 kgs / 11 lbs
- ▶ Improves extraction of heat from high density rack
- ▶ No. of Fans: 9
- ▶ Individual Fan CFM: 108 CFM
- ▶ Unit CFM (approx.): 972 CFM
- ▶ Bundle 1 x temperature sensor with 2M wire
- ▶ Front temperature LED
- ▶ 48V, 24V or 12VDC power option

Extra Benefits by Intelligent Fan Models

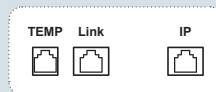
- ▶ Cascade ports for daisy chain up to 16 levels via Cat6 cable
- ▶ 1 x intelligent master fan unit allows access to 16 fan unit levels over internet
- ▶ Free ICM-02 management software remote access up to 480 fan units
- ▶ Auto & manual CFM setting reduces power consumption
- ▶ Temperature sensing technology adjusts the fan speeds accordingly
- ▶ Unit or individual fan on / off (remote or local)



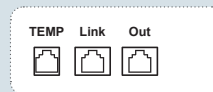
Model	Installation	Airflow	Purpose
MRF-33.9A	Rear door outside	Extract airflow	Exhaust air out from rack
RF-33.9A	Front door inside	Intake airflow	Cool air in from aisle
F-33.9A			
MRF-33.9B	Rear door inside	Extract airflow	Exhaust air out from rack
RF-33.9B	Front door outside	Intake airflow	Cool air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

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

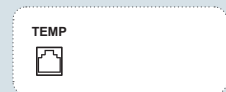
Connection Ports (at Top of Fan Panel)



MRF-33.9



RF-33.9



F-33.9

Temperature Sensor (Pair)

Bundled with Intelligent Fan

- Magnetic base
- Plug & Play
- 2M wire



Bundled with Basic Fan

- Plug & Play
- 2M wire

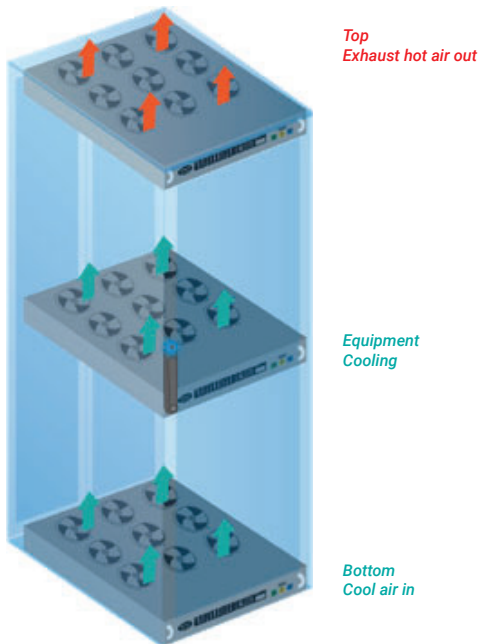


Benefits

- ▶ 1U rackmount
- ▶ Designed for low noise & high airflow performance
- ▶ Individual Fan CFM: 108 CFM
- ▶ Basic models : 3, 6 or 9 fans / 324, 648 or 972 CFM
- ▶ Intelligent models : 6 or 9 fans / 648 or 972 CFM
- ▶ Bundle 1 x temperature sensor with 2M wire
- ▶ Front temperature LED
- ▶ 48V, 24V or 12VDC power option

Extra Benefits by Intelligent Fan Models

- ▶ Cascade ports for daisy chain up to 16 levels via Cat6 cable
- ▶ 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
- ▶ Temperature sensing technology adjusts the fan speeds accordingly
- ▶ Unit or individual fan on / off (remote or local)



Intelligent Model : Master IP MRF-1.9 / 1.6



Available with 9 or 6 Fans

Intelligent Model : Expansion RF-1.9 / 1.6



Available with 9 or 6 Fans

Basic Model : F-1.9 / 1.6 / 1.3

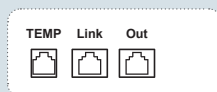


Available with 9, 6 or 3 Fans

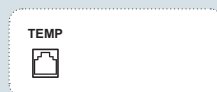
Connection Ports (at Front of Fan Unit)



MRF-1.9 / MRF-1.6



RF-1.9 / RF-1.6



F-1.9 / F-1.6 / F-1.3

Temperature Sensor (Pair)

Bundled with Intelligent Fan

- Magnetic base
- Plug & Play
- 2M wire



Bundled with Basic Fan

- Plug & Play
- 2M wire

