

F-66.4 Raised Floor Mount Fan Unit

- Maximize Aisle Containment Cooling Performance
- Minimize Hot Spots in Server Rack
- Provide Overall Temperature Monitoring
- Adjustable CFM Levels



Key Benefits

>>> Quad EC (Electronically Communicated) Fans

InfraCool F-66.4 consists of four high performance and quality EC fans. It provides unit CFM up to 2100 and unit MTBF up to 50,000 hours.

>>> Maximize CRAC Efficiency & Minimize Rack Hot Spots

InfraCool F-66.4 delivers strong cool air from underfloor via the contained aisle to the high density server racks to eliminate inside hot spots. Eventually, F-66.4 not only maximizes CRAC efficiency, but also saves the energy cost.

>>> Retrofits or New Construction Aisle

Well-designed mounting kit offers user a quick and easy installation. It is ideal for new project deployment or retrofit. User can just proceed with the installation on 600 x 600mm raised floor and no rack movement is required.

>>> Individual Fan On / Off

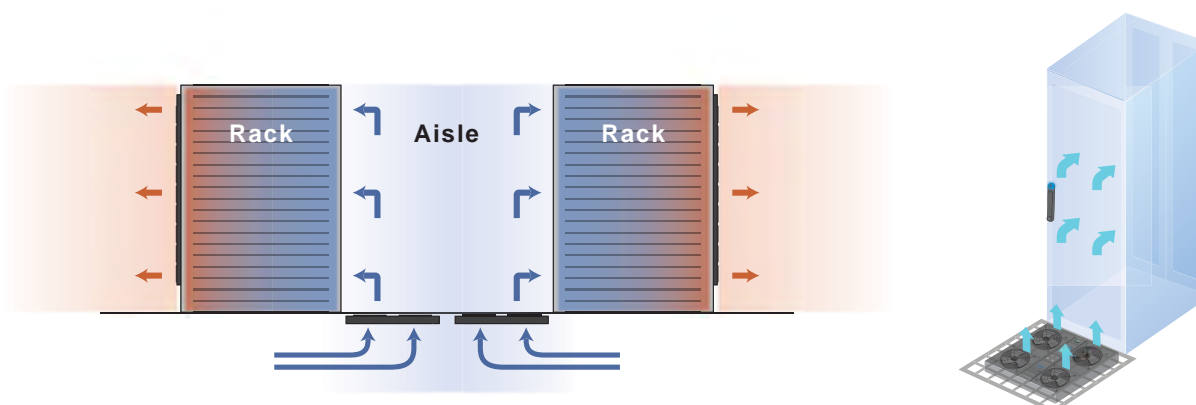
Each EC fan is equipped with an individual on / off switch. It provides flexibility for users while the aisle environment or rack cooling requirement changes.

>>> Unit / Fan Speed Levels

Each EC fan is provided with 3 speed levels. User can adjust the speed level according to aisle environment and requirements. Energy expenses for the cooling become more cost-effective as lower speed level costs much less.

>>> Overall Temperature Monitoring

By two temp. sensors and LED display, it is easy to monitor the temperature status in rack level, aisle level and even air duct underfloor level. Eventually, user can be aware of overall temperature environment.



Specifications

EC Fan	230V	208V
No. of fans	4	4
Fan dimension	200 x 200 x 60 mm	200 x 200 x 60 mm
MTBF	50,000 hrs	50,000 hrs
Speed per fan	2950 RPM	2810 RPM
Noise	77 dBA max.	76 dBA max.
Operating frequency	50 / 60 Hz	50 / 60 Hz

Fan Control		230V	208V
Main on / off switch		✓	✓
Individual fan switch	On / Off	✓	✓
	Speed levels	✓	✓
Unit CFM	Level 1	1236	1200
	Level 2	1560	1512
	Level 3	2172	2104
Fan CFM	Level 1	309	300
	Level 2	390	378
	Level 3	543	526

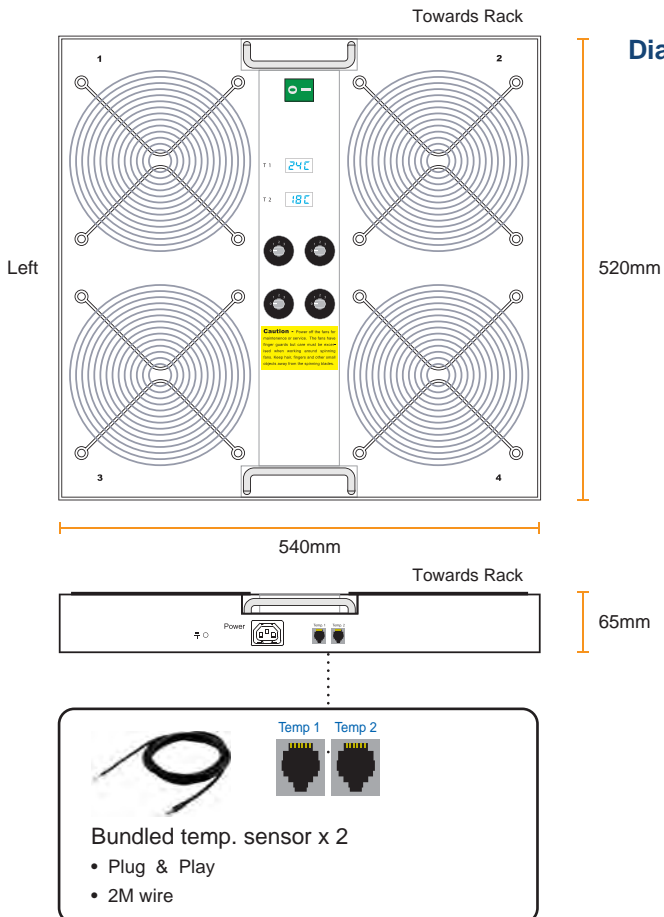
Temperature Monitoring	
Temperature LED	2
Temperature port	2
Temperature sensor	2 (external)
Measurement unit	Celsius (°C) or Fahrenheit (°F)
Measurement range	0 to 99.9 °C
Measurement accuracy	+/- 1.5%

Physical	
Product (W x D x H)	540 x 520 x 65 mm
Packing (W x D x H)	718 x 674 x 133 mm
Net weight	12 kg / 26.4 lb
Gross weight	14 kg / 30.8 lb
Chassis color	Black
Chassis materials	Steel
Support bracket	Left & right side, set of 2

Power		230V	208V
Unit Power Consumption (± 5%)	Level 1	43W	40W
	Level 2	75W	71W
	Level 3	170W	155W
Fan Power Consumption (± 5%)	Level 1	12W	11W
	Level 2	19W	18W
	Level 3	44W	40W
Input voltage	200 ~ 230V		

Environmental	
Operating temperature	-5 to 60°C degree (23 to 140°F)
Storage temperature	-25 to 65°C degree (13 to 149°F)
Operating humidity	20-90%, non-condensing
Storage humidity	5 ~90%, non-condensing

Compliance	
EMC	FCC & CE certified
Safety	CE / LVD certified
Environment	RoHS2 & REACH



Package Content	
Fan unit	1 pc
Temp. sensor	2 pcs
Mounting bracket set	Left & right
Power cord	1 pc