RF-33.9

InfraCool®

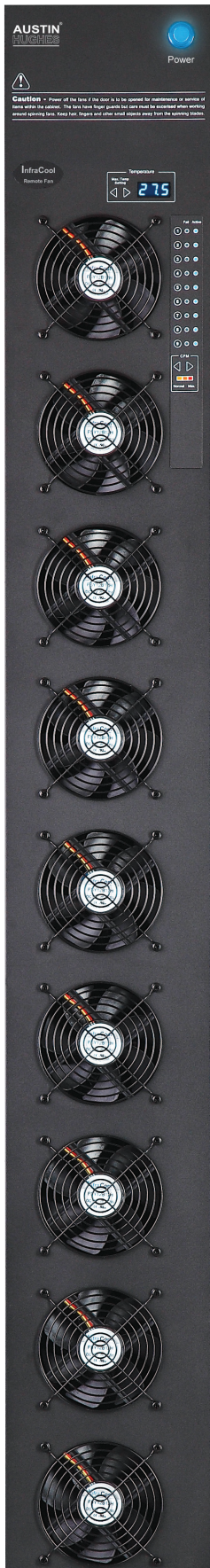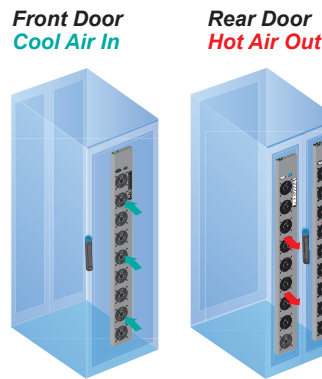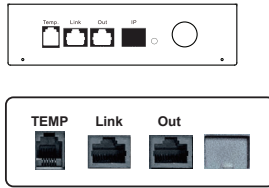## Intelligent (Expansion Serial) 33U Door Mount Fan Panel

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 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
- ► 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

Top View

TEMP   Link   Out

Front Door
Cool Air In

Rear Door
Hot Air Out

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

Product Specifications

	RF-33.9A / RF-33.9B
No. of Fan	9
Mounting	Door Mount
CFM Level	Normal / High / Max.
Individual Fan ON / OFF	Yes
Individual Fan CFM	108 CFM
Unit CFM (approx.)	972 CFM
IP Remote Access	Not available, must be via Intelligent (Master) Fan on level 1
Daisy Chain Level	for level 2 - 16
MTBF	50,000 hrs
Individual Fan Noise Level	41 dB

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

Power

Consumption	Auto-sensing 100V or 240V AC at 50 or 60Hz via IEC cord
Consumption	60W

Environment

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

Physical

Dimensions (W x D x H)	Product	195 x 43 x 1466 mm / 7.7 x 1.7 x 57.7 inch
	Packing	263 x 106 x 1650 mm / 10.4 x 4.2 x 65 inch
Weight	Net / Gross	5 kg (11 lb) / 7.4 kg (16.3 lb)
Casing Color		Black

Compliance

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