1U Thermostatic Rack Fan Unit, 2 or 4 Fans, 110 V AC, US Plug

Racks & Power / Rack Fans

1U ventilation unit for 19-inch racks, available with 2 or 4 fans and adjustable electronic thermostat. Both versions: 110 V AC · 60 Hz · 0.2 A · 15-17 W, US plug and maximum speed of 2700 rpm per fan.

KG-RF-1U-2F-TC-US

Brand
KONGIA

Type
Ventilation unit with electronic thermostat

Compatibility
19-inch rack

Key features

- Two 1U Models: 2 or 4 fans, up to 2700 rpm per fan.
- Electronic thermostat with adjustable temperature and digital display.
- Automatic start when the set temperature is reached.
- Automatic stop when temperature drops.
- 110 V AC · 60 Hz · 0.2 A · 15-17 W power with US plug.
- Horizontal mounting on both posts of 19-inch racks.
- 1.4 mm SPCC steel with RAL 9004 black finish.
- Protective metal guards and mounting accessories included.

Technical specifications

Parameter	Specification
Brand	KONGIA
Type	Ventilation unit with electronic thermostat
Compatibility	19-inch rack

Technical specifications

Parameter	Specification
Rack height	1U
Number of fans	2 or 4, depending on model
2-fan model	KG-RF-1U-2F-TC-US
4-fan model	KG-RF-1U-4F-TC-US
Maximum speed per fan (both models)	2700 rpm per fan
Supply voltage	110 V AC
Frequency	60 Hz
Current	0.2 A
Power	15-17 W
Electrical connection	Cable with US plug
Monitoring	Adjustable electronic thermostat with resistive sensor
Automatic operation	Starts at the set temperature and stops when temperature drops
2-fan dimensions (width × depth × height)	482 × 180 × 44.45 mm
4-fan dimensions (width × depth × height)	482 × 310 × 44.45 mm
Housing material	Cold-rolled SPCC steel
Sheet thickness	1.4 mm
Surface treatment	Electrostatic coating
Color and texture	Fine-textured RAL 9004 black
Mounting	Horizontal, secured to left and right posts using screws
Protective guards	Metal
Contents	1 ventilation unit, US cable, 2 mounting ears, 4 screw sets and manual
Pack size	1 unit per individual box

Applications

Communications Cabinets
Temperature-controlled ventilation in network equipment racks.

Server Racks
Horizontal 1U mounting to support air circulation inside the cabinet.

Enterprise Infrastructure
Automatic ventilation control in professional installation cabinets.

Video Surveillance Cabinets
Promote air circulation around the recorder and network equipment, checking mounting space and keeping inlets and outlets clear.

Packaging & contents

Contents per unit: selected ventilation unit, US cable, 2 mounting ears, 4 screw sets and manual. 2-Fan Model — Individual Box: 49 × 25 × 5.5 cm; packaged weight: 2.96 kg. 2-Fan Model — Master Carton: 4 units; 51 × 26 × 27 cm; gross weight: 12.2 kg; approx. volume: 0.0358 m³. 4-Fan Model — Individual Box: 50 × 39 × 5.5 cm; packaged weight: 4.9 kg. 4-Fan Model — Master Carton: 4 units; 51 × 40 × 27 cm; gross weight: 20.05 kg; approx. volume: 0.0551 m³. Rack and equipment in the installation scenes not included.