

FAN HEATER 400-550 W CR027

02701.9-00

CR 027 510/650W, Fan heater, 50/60Hz, 100-120V ac,
32°F...140°F

- Integrated thermostat
- Indication light on front
- Modern design

**PRODUCT DESCRIPTION**

The heat source in this fan is a PTC element – a semiconductor that adapts its output to the ambient temperature. The colder it is, the more heat it produces. The PTC element has a high starting current and provides full output almost immediately.

The fan has an integrated adjustable thermostat, and can for example, be installed in enclosures indoors or outdoors to maintain an even temperature and thus avoid condensation, or it can be used to assure that the temperature is kept above a lowest permitted level.

The CR 027 is designed to be clip in to din rail

TECHNICAL DATA**GENERAL DATA**

Heat output	650 W
Nominal voltage	120 V AC
Frequency	50/60 Hz
Heater body	Plastic
Material of body	Plastic
Mounting	Clip on, DIN rail
Colour	Light grey
Number of fans	1
Connection type	2-pole terminal for 2.5 mm ² cable. Tightening torque for connection screws max. 0.8 Nm

Heat source	Self-regulating PTC-element
Recommended fuse (slow blow)	10 A
Inrush max	15 A
Life span	50 000 h @ +25 °C
Air capacity	45 m³/h

DIMENSIONS

Height	165 mm
Width	100 mm
Depth	128 mm
Weight	1.1 kg
Behind panel depth	128 mm

SAFETY & APPROVALS

Protection class	II (double insulated)
IP class	IP20
Approvals	CE, cULus, EAC, RoHS, UL, VDE
Flammability class	UL94-V0
Overheating protection	Overheat protection, fan failure with auto-reset

RATED OPERATING CONDITIONS

Operational temperature	-45°C ... +70°C
Storage temperature	-45°C ... +70°C
Operating humidity	< 90% RH
Humidity storage	<90% RH
Hysteresis temperature	7K
Control range temperature from	32 °F
Control range temperature to	140 °F
Voltage min	100 V ac
Voltage max	120 V ac
Fan	Axial fan, ball bearing
Material plastic housing	Plastic

