ENCLOSURE HEATER WITH FAN

CR 030 | 03051.0-00



This compact high-performance fan heater is used to protect against frost and condensation in enclosures and casings. It is a combination of high performance cartridge heater and fan and thus achieves a high heating and air flow. CR 030 versions allow easy mounting of the heating to the base of an enclosure. Available with integrated tamper-proof thermostat version.

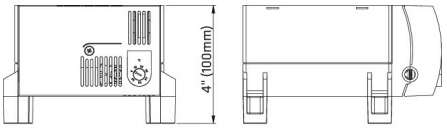
- High performance cartridge heater
- Temperature cut-out as overheating protection
- Screw fixing for the housing base of an application
- Integrated thermostat

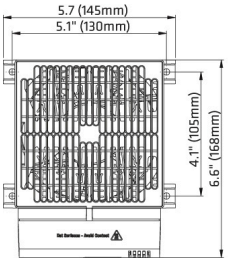
OVERVIEW TECHNICAL DATA

Device type	Fan heater
Temperature monitoring	Overheating protection in the event of fan failure with automatic reset, additional contactor with irreversible fuse
Protection class	II
Protection type	IP20
Heating element	High-performance heating cartridge
Heater element	Aluminium profile
Casing	Plastic to UL94 V-0, black
AC/DC	AC
Operating voltage	230 V
Frequency	50;60 Hz
Heating capacity	950 W
Axial fan	160 m³/h
Service life	>50000 h
Setting range	0 °C - 60 °C
Switching differential	7 K
Switching differential tolerance	± 1 K
Operating temperature	-45 °C - 70 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-45 °C - 70 °C
Connection type	Connection terminal
Torque	0,8 Nm max.
Connection	2-pole max. 2.5 mm² with strain relief
Mounting	Screw fixing

Installation position	Airflow direction "in" vertical / connection at the bottom
Height	100 mm
Width	145 mm
Depth	168 mm
Weight	1400 g
Note	Fan heater with thermostat;other heating capacities from 200 W on request;Operating temperature of the heating with integrated hygrostat: 0 to +60 °C (+32 to +140 °F);Switching temperature differential 7 K (±4 K tolerance).

TECHNICAL DRAWINGS





Connection diagram

