

COMPACT HIGH-PERFORMANCE FAN HEATER

CR 030 | 950 W



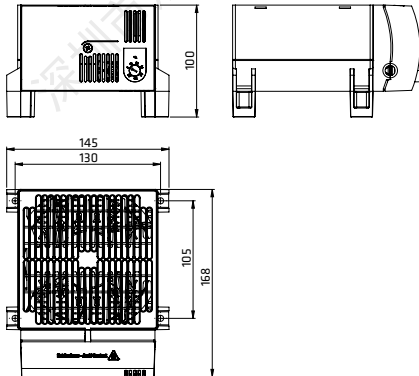
- > Compact design
- > Double insulated

> Integrated thermostat or hygrostat

The compact high performance fan heater prevents formation of condensation and frost and provides an evenly distributed interior air temperature in enclosures with electric/electronic components. The plastic housing provides double insulation and acts as protection against contact. The fan heater is available with integrated thermostat or pre-set hygrostat for temperature or humidity control. The CR 030 was designed as a stationary unit for the bottom of the enclosure. For wall fixing the fan heater CR 130 is recommended.

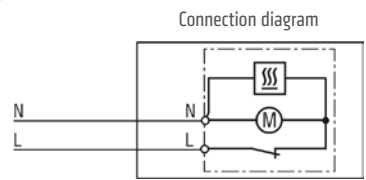


TECHNICAL DATA



Heating element	high performance cartridge
Temperature safety cut-out	with automatic reset and second-tier one shot fuse to protect against overheating in case of fan failure
Heater body	extruded aluminium profile
Axial fan, ball bearing	airflow 160 m ³ /h, free flow service life 50,000 h at +25 °C (+77 °F)
Connection	2-pole max. 2.5 mm ² , clamping screw with strain relief, torque 0.8 Nm max.
Casing	plastic according to UL94 V-0, black
Mounting	screw fixing (M5)
Fitting position	vertical airflow (air outlet up)
Dimensions	168 x 145 x 100 mm
Weight	approx. 1.4 kg
Operating ¹ /Storage temperature	-45 to +70 °C (-49 to +158 °F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Note	other heating capacities from 200 W up available on request

¹ Operating temperature of heater with integrated hygrostat: 0 to +60 °C (+32 to +140 °F).



Art. No.	Model	Operating voltage	Heating capacity	Recommended pre-fuse T (time-delay)	Setting range ²	Approvals
03051.0-00	Fan Heater with thermostat	AC 230 V, 50/60 Hz	950 W	6.3 A	0 to +60 °C	VDE UL File No. E234324 EAC
03051.0-02	Fan Heater with hygrostat	AC 230 V, 50/60 Hz	950 W	6.3 A	65 % RH, factory-set	VDE UL File No. E234324 EAC
03059.9-00	Fan Heater with thermostat	AC 120 V, 50/60 Hz	950 W	10.0 A	+32 to +140 °F	- UL File No. E234324 EAC

² Switch temperature difference 7 K (±4 K tolerance)

COMPACT HIGH-PERFORMANCE FAN HEATER

CR 130 | 950 W

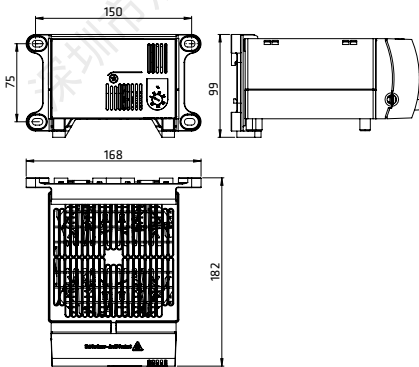


- > Compact design
- > Double insulated
- > Integrated thermostat or hygrostat
- > Optional clip or screw fixing

The compact high performance fan heater prevents formation of condensation and frost and provides an evenly distributed interior air temperature in enclosures with electric/electronic components. The plastic housing provides double insulation and acts as protection against contact. The fan heater is available with integrated thermostat or pre-set hygrostat for temperature or humidity control. The CR 130 was designed as a stationary unit for wall fixing. For fixing on the bottom of the enclosure the fan heater CR 030 is recommended.

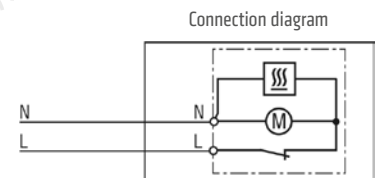


TECHNICAL DATA



Heating element	high performance cartridge
Temperature safety cut-out	with automatic reset and second-tier one shot fuse to protect against overheating in case of fan failure
Heater body	extruded aluminium profile
Axial fan, ball bearing	airflow 160 m ³ /h, free flow, service life 50,000 h at +25 °C (+77 °F)
Connection	2-pole max. 2.5 mm ² , clamping screw with strain relief, torque 0.8 Nm max.
Casing	plastic according to UL94 V-0, black
Mounting	clip for 35 mm DIN rail, EN 60715 or screw fixing (M6)
Fitting position	vertical airflow (air outlet up)
Dimensions	182 x 168 x 99 mm
Weight	approx. 1.5 kg
Operating ¹ /Storage temperature	-45 to +70 °C (-49 to +158 °F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Note	other heating capacities from 200 W up available on request

¹ Operating temperature of heater with integrated hygrostat: 0 to +60 °C (+32 to +140 °F)



Art. No.	Model	Operating voltage	Heating capacity	Recommended pre-fuse T (time-delay)	Setting range ²	Approvals		
13051.0-00	Fan Heater with thermostat	AC 230 V, 50/60 Hz	950 W	6.3 A	0 to +60 °C	VDE	UL File No. E234324	EAC
13051.0-02	Fan Heater with hygrostat	AC 230 V, 50/60 Hz	950 W	6.3 A	65 % RH, factory-set	VDE	UL File No. E234324	EAC
13059.9-00	Fan Heater with thermostat	AC 120 V, 50/60 Hz	950 W	10.0 A	+32 to +140 °F	-	UL File No. E234324	EAC

² Switch temperature difference 7 K (±4 K tolerance)