



### Compact design

### Double insulated

### Integrated thermostat or hygrostat

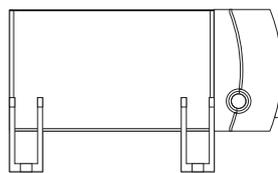
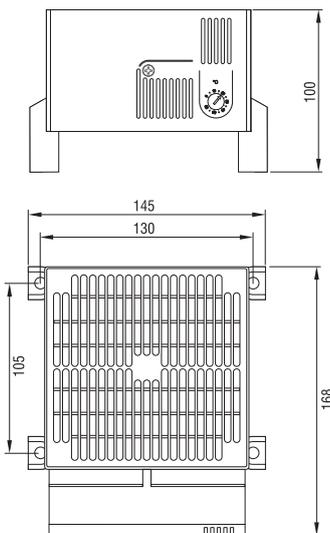
The compact high performance fan heater prevents formation of condensation and frost and provides an evenly distributed interior air temperature in enclosures with electric/electronic components. The plastic enclosure provides double insulation and acts as protection against contact. The fan heater is 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.



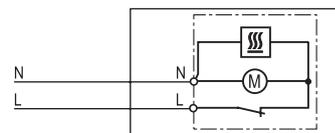
### Technical Data

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

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



Connection diagram



Art. No.	Model	Operating voltage	Heating capacity	Pre-fuse T (time-delay)	Setting range	Approvals
03051.0-00	Fan Heater with thermostat	230VAC, 50/60Hz	950W	8A	0 to +60°C	VDE + UL File No. E234324*
03051.0-02	Fan Heater with hygrostat	230VAC, 50/60Hz	950W	8A	65% RH, factory-set	VDE + UL File No. E234324*
03059.9-00	Fan Heater with thermostat	120VAC, 50/60Hz	950W	12.5A	+32 to +140°F	UL File No. E234324*

\*according to UL 499, intended for the use within an enclosure in accordance with UL 508A