

# COMPACT HIGH-PERFORMANCE FAN HEATER (SEMICONDUCTOR)

CS 030 | 1,200 W

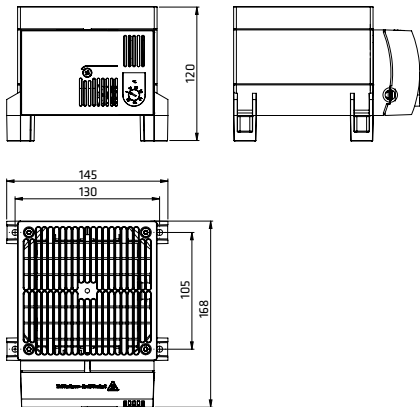


- > Compact design
- > High heating performance
- > Double insulated
- > Integrated thermostat (optional)

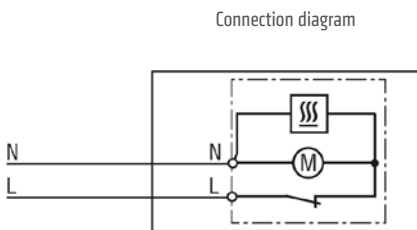
The compact high performance fan heater prevents formation of condensation and frost and provides an evenly distributed interior air temperature in enclosures with electric/electronic components. The plastic housing provides double insulation and acts as protection against contact. The fan heater is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



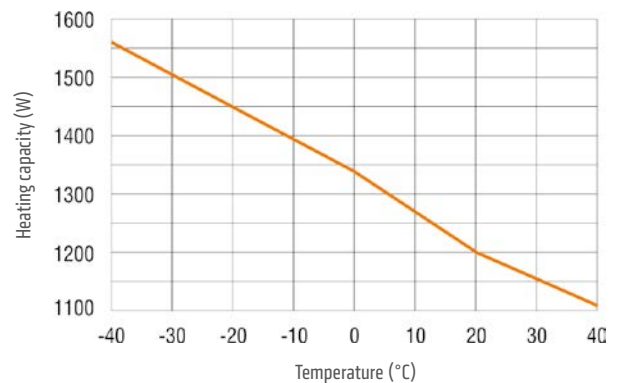
## TECHNICAL DATA



Heating element	PTC resistor – temperature limiting
Temperature safety cut-out	to protect against overheating in case of fan failure, automatic reset
Axial fan, ball bearing	airflow 160 m <sup>3</sup> /h, free flow service life 50,000 h at +25 °C (+77 °F)
Connection	2-pole max. 2.5 mm <sup>2</sup> , 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 120 mm
Weight	approx. 1.2 kg
Operating/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)



Heating capacity / Ambient temperature diagram CS 030



Art. No.	Model	Operating voltage	Heating capacity <sup>1</sup>	Inrush current max.	Recommended pre-fuse T (time-delay)	Setting range <sup>2</sup>	Approvals		
03060.0-00	Fan Heater with thermostat	AC 230 V, 50/60 Hz	1,200 W	13.0 A	10.0A	0 to +60 °C	VDE	UL File No. E150057 <sup>3</sup>	EAC
03060.0-01	Fan Heater without thermostat	AC 230 V, 50/60 Hz	1,200 W	13.0 A	10.0A	-	VDE	UL File No. E150057 <sup>3</sup>	EAC
03060.9-00	Fan Heater with thermostat	AC 120 V, 50/60 Hz	1,200 W	16.0 A	16.0A	+32 to +140 °F	-	UL File No. E150057 <sup>3</sup>	EAC
03060.9-01	Fan Heater without thermostat	AC 120 V, 50/60 Hz	1,200 W	16.0 A	16.0A	-	-	UL File No. E150057 <sup>3</sup>	EAC

<sup>1</sup> at +20 °C (+68 °F) ambient temperature; <sup>2</sup> Switch temperature difference 7 K (±4 K tolerance); <sup>3</sup> according to UL 508A, NITW File on request