

(Semiconductor)

Heater



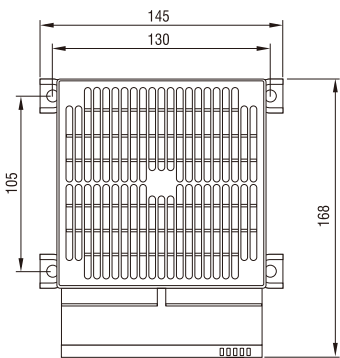
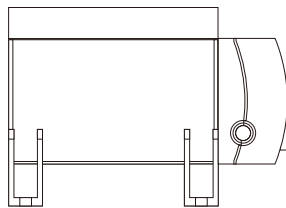
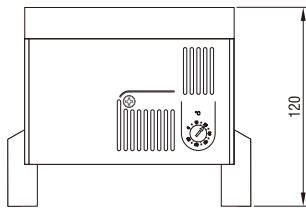
- Compact design
- High heating performance
- Double insulated
- Integrated thermostat (optional)

The compact high performance fan heater prevents formation of condensation 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 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.

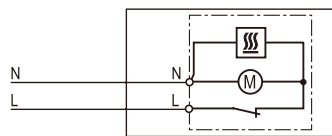


Technical Data

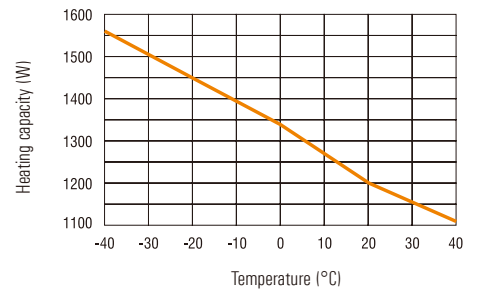
Heating element	PTC resistor - temperature limiting
Temperature safety cut-out	to protect against overheating in case of fan failure
Axial fan, ball bearing	airflow 160m ³ /h, free flow service life 50,000h at 25°C (77°F)
Connection	2-pole max. 2.5mm ² , clamping screw with strain relief, torque 0.8Nm max.
Casing	plastic according to UL94 V-0, black
Mounting	screw fixing (M5)
Fitting position	horizontal
Dimensions	168 x 145 x 120mm
Weight	approx. 1.20kg
Operating / Storage temperature	-45 to +70°C (-49 to +158°F)
Protection type / Protection class	IP20 / II (double insulated)



Connection diagram



Heating capacity / Ambient temperature diagram CS 030



Art. No.	Model	Operating voltage	Heating capacity*	Inrush current max.	Setting range	Approvals
03060.0-00	Fan Heater with thermostat	230VAC, 50/60Hz	1,200W	13A	0 to +60°C	VDE; (UL intended)
03060.0-01	Fan Heater without thermostat	230VAC, 50/60Hz	1,200W	13A	-	VDE; (UL intended)
03060.9-00	Fan Heater with thermostat	120VAC, 50/60Hz	1,200W	16A	+32 to +140°F	UL intended
03060.9-01	Fan Heater without thermostat	120VAC, 50/60Hz	1,200W	16A	-	UL intended

* at 20°C (68°F) ambient temperature