

# SEMICONDUCTOR FAN HEATER

CR 027 | up to 650W



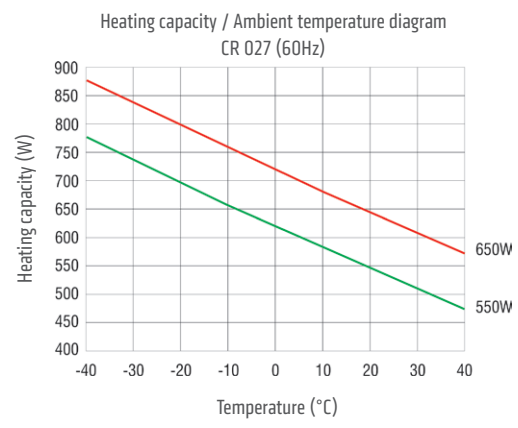
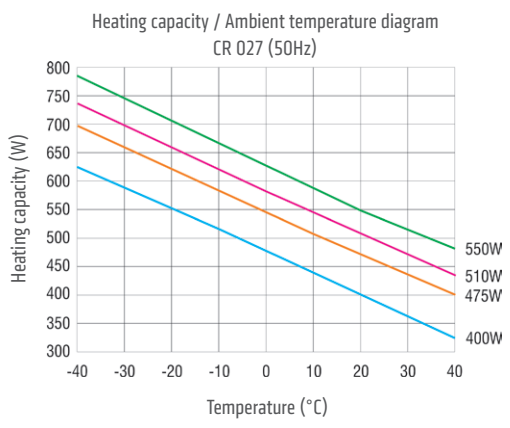
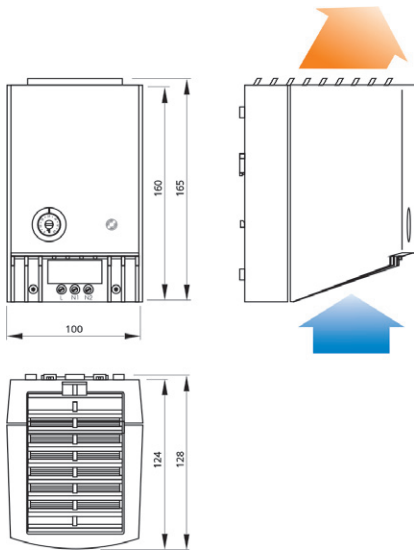
- > Compact heater
- > Integrated thermostat
- > Clip fixing
- > Optical indicator
- > Temperature safety cut-out

Semiconductor fan heater prevents formation of condensation and frost and provides an evenly distributed interior air temperature in enclosures with electric/electronic components. The integrated thermostat is used to set the desired temperature.



## 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 see table service life 50,000h at +25°C (+77°F)
Connection	2-pole clamp 2.5mm <sup>2</sup> , clamping torque 0.8Nm max
Casing	plastic according to UL94 V-0, light grey
Optical indicator	thermostat control lamp
Mounting	clip for 35mm DIN rail, EN 60715
Fitting position	vertical airflow (air outlet up) – other fitting positions possible
Dimensions	100 x 128 x 165mm
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)
Approvals	VDE, UL File No. E204590



Art. No.	Operating voltage	Heating capacity <sup>1</sup> (50 Hz)	Heating capacity <sup>1</sup> (60 Hz)	Inrush current max.	Pre-fuse T (time-delay)	Airflow, free flow	Setting range thermostat <sup>2</sup>	Weight (approx.)
02700.0-00	220-240VAC, 50/60Hz	475W	550W	11A	6.3A	35m <sup>3</sup> /h	0 to +60°C	0.9kg
02701.0-00	220-240VAC, 50/60Hz	550W	650W	13A	8A	45m <sup>3</sup> /h	0 to +60°C	1.1kg
02700.9-00	100-120VAC, 50/60Hz	400W	550W	14A	8A	35m <sup>3</sup> /h	+32 to +140°F	0.9kg
02701.9-00	100-120VAC, 50/60Hz	510W	650W	15A	8A	45m <sup>3</sup> /h	+32 to +140°F	1.1kg

<sup>1</sup> at +20°C (+68°F) ambient temperature

<sup>2</sup> Switch temperature difference 7K (±4K tolerance)