

## Semiconductor Fan Heater - CR 027 Series

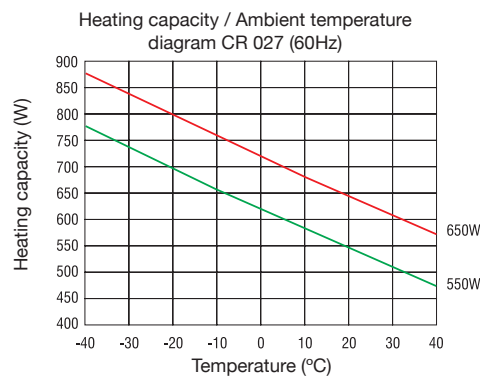
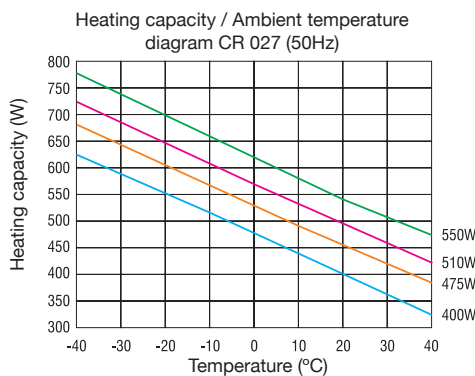
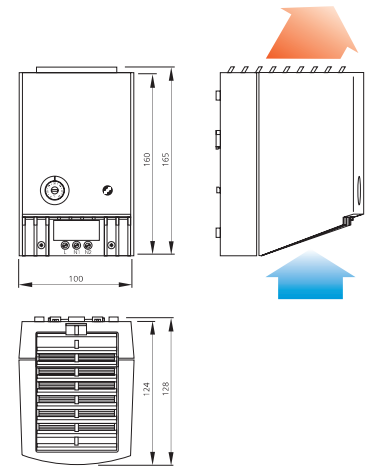
- Compact heater
- Heating capacity adjusts to ambient temperature
- Adjustable temperature range
- Clip fixing
- Optical indicator
- Temperature safety cut-out

Semiconductor fan heaters prevent the formation of condensation and ensure an even temperature in switch and control equipment. The built-in regulator is used to set the desired temperature.



### Technical Data:

Heating element	PTC resistor, temperature limiting
Temp. safety cut-out	To protect against overheating in case of fan failure
Axial fan, ball bearing	Airflow see table service life 50,000h at 25°C
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
Op./storage position	-45 to +70°C
Dimensions	100 x 128 x 165mm
Prot. type / Prot. class	IP20 / II (double insulated)
Approvals	UL file E204590



Art. No.	Operating voltage	Heating capacity* (50Hz)	Heating capacity* (60Hz)	Inrush current max.	Airflow, free flow	Setting range Temp. regulator	Weight (approx)
83285	220-240VAC, 50/60Hz	475W	550W	11.0A	35m <sup>3</sup> /h	0 to +60°C	0.9kg
83286	220-240VAC, 50/60Hz	550W	650W	13.0A	45m <sup>3</sup> /h	0 to +60°C	1.1kg
83287	100-120VAC, 50/60Hz	400W	550W	14.0A	35m <sup>3</sup> /h	+32 to +140°F	0.9kg
83288	100-120VAC, 50/60Hz	510W	650W	15.0A	45m <sup>3</sup> /h	+32 to +140°F	1.1kg

\* At 20°C (68°F) ambient temperature.