

- Compact size
- Integrated pre-set thermostat
- Quiet operation
- Heating power adjusts to ambient temperature
- DIN rail or screw tab mount available

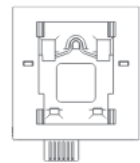
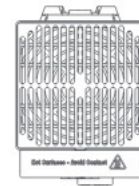
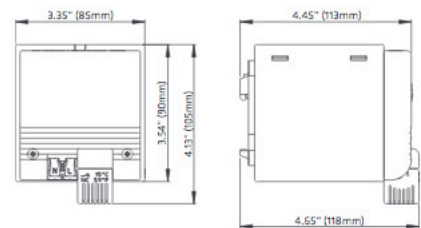
The CSF 028 fan heater prevents formation of condensation and provides evenly distributed interior air temperature in enclosures. The touch-safe plastic housing and the small size makes it ideal for use in enclosures with a high packing density. The heater is equipped with fixed set point thermostat and is easily wired via external pressure clamps. Two different mounting options are available - DIN rail or screw tabs. The robust screw tab mounting is particularly suitable for applications with high vibration.



Technical Data:

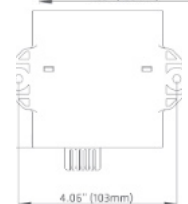
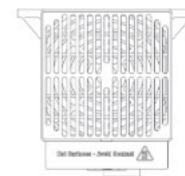
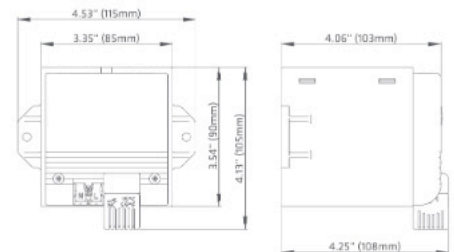
Heating element	PTC resistor - temperature limiting
Surface temperature	250W: max 50°C, 400W: max 65°C each except upper protective grille at 20°C ambient temperature.
Overheat protection	built-in temperature limiter
Axial fan, ball bearing	service life 40,000 h at +40°C
Axial fan, free blowing	54m³/h at AC 120V, 45³/h at AC 230V
Connection	2-pole dual pressure clamp for solid wire AWG 14 max (2,5mm²), stranded wire (with wire end ferrule) AWG 16 max. (1,5mm²)
Housing	plastic according to UL 94V-0, black
Mounting	clip for 35mm DIN rail, EN 60715 pr screw ,pimt (Ø5,5mm), clamping torque 2Nm max, washers must be used.
Mounting position	vertical airflow (air outlet up), horizontal airflow
Dimensions	Models with DIN clip: 105x85x118mm, models w/screw tabs: 105x115x108mm
Weight	500g
Operating/storage temperature	-40 to +70°C / -45 to +70°C
Operating/storage	max 90% RH (non-condensing)
Protection class/protection type	II (double insulated) / IP20
Approvals	UL File No.: E150057, VDE

DIN RAIL MOUNT

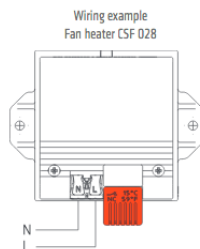
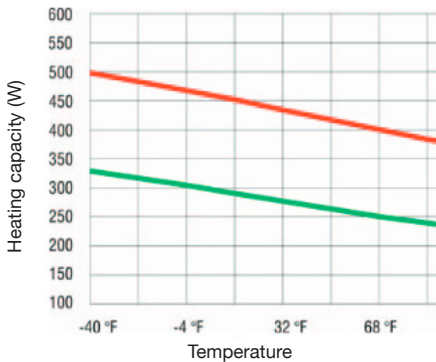


View: back side

SCREW TAB MOUNT



View: back side



Operating voltage	Heating capacity ¹	Inrush current	Pre-fuse T	Switch-off temperature ²	Switch-on temperature ²
120VAC, 50/60Hz	250W	6A	10A	15°C	5°C
120VAC, 50/60Hz	250W	6A	10A	25°C	15°C
120VAC; 50/60Hz	400W	9A	10A	15°C	5°C
120VAC, 50/60Hz	400W	9A	10A	25°C	15°C
230VAC, 50/60Hz	250W	9A	10A	15°C	5°C
230VAC, 50/60Hz	250W	9A	10A	25°C	15°C
230VAC, 50/60Hz	400W	15A	16A	15°C	5°C
230VAC, 50/60Hz	400W	15A	16A	25°C	15°C

¹20°C ambient temperature, ²tolerance of +/-5K