



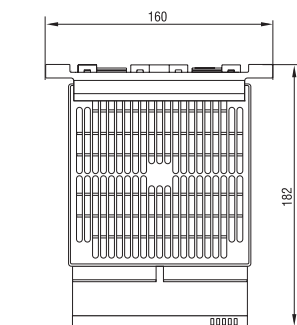
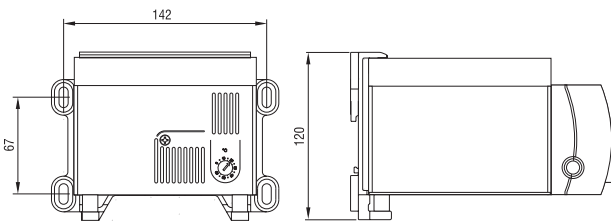
- Compact design**
- High heating performance**
- Double insulated**
- Integrated thermostat (optional)**
- Optional clip or screw fixing**

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 enclosure provides double insulation and acts as protection against contact. The fan heater is available with optional integrated thermostat for temperature control. The CS 130 was designed as a stationary unit for wall fixing. For fixing on the bottom of the enclosure the fan heater CS 030 is recommended.

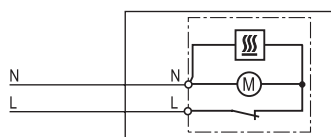


### Technical Data

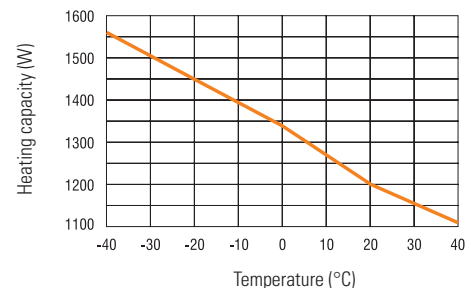
|   |   |
|---|---|
| <b>Heating element</b>                    | PTC resistor - temperature limiting   |
| <b>Temperature safety cut-out</b>         | to protect against overheating in case of fan failure, automatic reset                |
| <b>Axial fan, ball bearing</b>            | airflow 160m <sup>3</sup> /h, free flow<br>service life 50,000h at 25°C (77°F)        |
| <b>Connection</b>                         | 2-pole max. 2.5mm <sup>2</sup> , clamping screw with strain relief, torque 0.8Nm max. |
| <b>Casing</b>                             | plastic according to UL94 V-0, black  |
| <b>Mounting</b>                           | clip for 35mm DIN rail, EN 60715 or screw fixing (M6)                                 |
| <b>Fitting position</b>                   | vertical airflow (air outlet up) – other fitting positions possible                   |
| <b>Dimensions</b>                         | 182 x 160 x 120mm   |
| <b>Weight</b>                             | approx. 1.3kg   |
| <b>Operating / Storage temperature</b>    | -45 to +70°C (-49 to +158°F)  |
| <b>Operating / Storage humidity</b>       | max. 90% RH (non-condensing)  |
| <b>Protection type / Protection class</b> | IP20 / II (double insulated)  |



Connection diagram



Heating capacity / Ambient temperature diagram CS 130



| Art. No.   | Model                         | Operating voltage | Heating capacity <sup>1)</sup> | Inrush current max. | Pre-fuse T (time-delay) | Setting range | Approvals                               |
|------------|-------------------------------|-------------------|--------------------------------|---------------------|-------------------------|---------------|---|
| 13060.0-00 | Fan Heater with thermostat    | 230VAC, 50/60Hz   | 1,200W                         | 13A                 | 8A                      | 0 to +60°C    | VDE + UL File No. E150057 <sup>2)</sup> |
| 13060.0-01 | Fan Heater without thermostat | 230VAC, 50/60Hz   | 1,200W                         | 13A                 | 8A                      | -             | VDE + UL File No. E150057 <sup>2)</sup> |
| 13060.9-00 | Fan Heater with thermostat    | 120VAC, 50/60Hz   | 1,200W                         | 16A                 | 10A                     | +32 to +140°F | UL File No. E150057 <sup>2)</sup>       |
| 13060.9-01 | Fan Heater without thermostat | 120VAC, 50/60Hz   | 1,200W                         | 16A                 | 10A                     | -             | UL File No. E150057 <sup>2)</sup>       |

<sup>1)</sup> at 20°C (68°F) ambient temperature; <sup>2)</sup> according to UL 499, intended for the use within an enclosure in accordance with UL 508A