

## COMPACT SEMICONDUCTOR FAN HEATER CSF028

02820.0-08

CSF 028 400W, 230V ac, 15°C / 5°C (off/on), screw  
fixing

- Small, compact design
- Integrated pre-set thermostat
- Dynamic heating up
- Touch-safe
- Quick connection, clip or screw flange fixing



### PRODUCT DESCRIPTION

The compact CS 032 high performance fan heater prevents the formation of condensation and provides an evenly distributed air temperature within the enclosure.

The plastic housing provides double insulation and acts as protection against contact via double insulation (protection class II).

Two screw connectors at the front of CS 032 allow comfortable wiring of an external thermostat, alternatively the CSF 032 is equipped with a pre-set thermostat.

Both models are available with two different mounting systems - either mounting by screw flange or by clip. The robust screw flange fixing is particularly suitable for applications with high vibration.

## TECHNICAL DATA

### GENERAL DATA

|                  |              |
|------------------|--------------|
| Heat output      | 400 W        |
| Nominal voltage  | 230 V AC     |
| Frequency        | 50/60 Hz     |
| Heater body      | Plastic      |
| Material of body | Plastic      |
| Mounting         | Screw fixing |
| Colour           | Black        |
| Number of fans   | 1            |

|                              |                             |
|------------------------------|-----------------------------|
| Connection type              | IEC 320C18 Male socket      |
| Starting current max         | 15 A                        |
| Recommended fuse (slow blow) | 16 A                        |
| Life span                    | 40 000 h @ +40 °C (+104 °F) |
| Air capacity                 | 45 m³/h                     |

**DIMENSIONS**

|                             |        |
|-----------------------------|--------|
| Height                      | 105 mm |
| Width                       | 115 mm |
| Depth                       | 108 mm |
| Weight                      | 0.5 kg |
| Tightening torque for cable | 0.8    |

**SAFETY & APPROVALS**

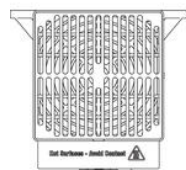
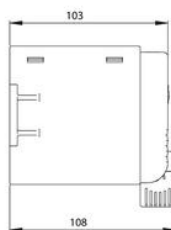
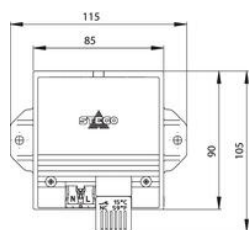
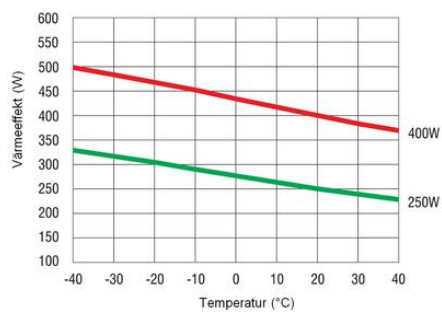
|                        |   |
|------------------------|---|
| Protection class       | II (double insulated)                     |
| IP class               | IP20                                      |
| Approvals              | CE, cULus, EAC, RoHS, UL, UL E150057, VDE |
| Flammability class     | UL94-V0                                   |
| Overheating protection | PTC temperature limiting                  |

**THERMOSTAT**

|                        |       |
|------------------------|-------|
| Switch off temperature | 15 °C |
| Switch on temperature  | 5 °C  |

**RATED OPERATING CONDITIONS**

|                         |                 |
|-------------------------|-----------------|
| Operational temperature | -40°C ... +70°C |
| Storage temperature     | -45°C ... +70°C |
| Operating humidity      | < 90% RH        |
| Humidity storage        | <90% RH         |
| Voltage min             | 230 V ac        |
| Voltage max             | 230 V ac        |



View: back side

