

# SPACE-SAVING FAN HEATER (fan included)

HVI 030 | 500 - 700 W



- > Compact size
- > Flat design

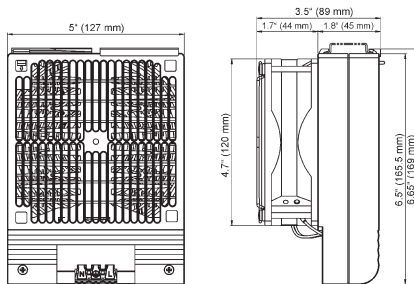
- > Built-in overheat protection
- > Twist clip or screw mountable

The compact high-performance fan heater prevents formation of condensation and provides an evenly distributed interior air temperature in enclosures with electric/electronic components. The heater may only be operated together with a fan, but is also available without axial fan (for self-installation). The fan heaters are available with two different mounting systems – either mounting by screws or with a new and unique twist clip mounting system. These options allow for a quick and easy installation of the fan heater.

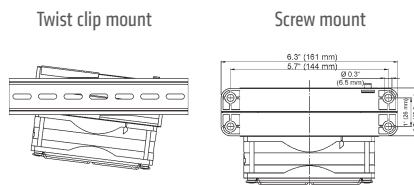


## TECHNICAL DATA

|                                    |  |
|------------------------------------|--|
| Heating element                    | high performance cartridge   |
| Temperature safety cut-out         | with automatic reset and second-tier one shot fuse   |
| Axial fan, ball bearing            | service life 50,000 h at +77 °F (+25 °C)   |
| Air flow, free blowing             | 88 cfm (150 m <sup>3</sup> /h)   |
| Connection                         | 2-pole dual pressure clamp for solid wire AWG 14 max. (2.5 mm <sup>2</sup> ), stranded wire (with wire end ferrule) AWG 16 max. (1.5 mm <sup>2</sup> ) |
| Housing                            | plastic, UL 94V-0, black   |
| Mounting                           | twist clip for 35 mm DIN rail, EN 60715 or M6 screws and washers (not included), torque 2 Nm max.  |
| Mounting position                  | vertical airflow (air outlet up)   |
| Operating temperature              | UL: +14 to +104 °F (-10 to +40 °C)<br>VDE: +14 to +122 °F (-10 to +50 °C)  |
| Storage temperature                | -49 to +158 °F (-45 to +70 °C)   |
| Operating / Storage humidity       | max. 90 %RH (non-condensing)   |
| Dimensions                         | 6.65 x 5.0 x 3.5" (169 x 127 x 89 mm)  |
| Weight                             | approx. 3.1 lbs (1.4 kg)   |
| Protection class / Protection type | heater: II (double insulated), fan: I (grounded) / IP20  |
| Approvals                          | VDE, UL File No. E234324, GOST-R   |
| Note                               | other heating capacities and voltages available on request   |



View: back side



**Important note:** Heater may only be operated together with fan (min. 88 cfm).  
**Danger of overheating!**

| Part No. - twist clip mounting | Part No. - screw mounting | Operating voltage  | Heating capacity | Pre-fuse T (time-delay) |
|--------------------------------|---------------------------|--------------------|------------------|-------------------------|
| 03082.0-00                     | 03082.0-01                | AC 230 V, 50/60 Hz | 700 W            | 4 A                     |
| 03082.9-00                     | 03082.9-01                | AC 120 V, 50/60 Hz | 700 W            | 8 A                     |
| 03083.0-00                     | 03083.0-01                | AC 230 V, 50/60 Hz | 600 W            | 3.15 A                  |
| 03083.9-00                     | 03083.9-01                | AC 120 V, 50/60 Hz | 600 W            | 6.3 A                   |
| 03084.0-00                     | 03084.0-01                | AC 230 V, 50/60 Hz | 500 W            | 3.15 A                  |
| 03084.9-00                     | 03084.9-01                | AC 120 V, 50/60 Hz | 500 W            | 6.3 A                   |

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