

# ENCLOSURE HEATER WITH FAN

HVI 030 | 500 W to 700 W



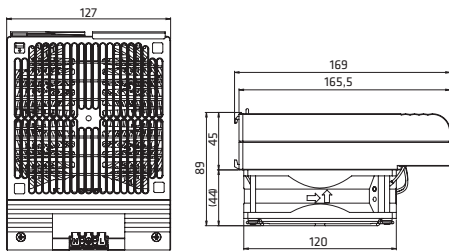
- > Compact
- > Flat design
- > High air through-flow
- > Temperature safety cut-out
- > Twist clip or screw fixing

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 heater may only be operated together with fan, but is also available without axial fan (for self-installation). The fan heaters are available with two different mounting systems – either mounting by screw fixing or with a new and unique twist clip mounting system. These options allow for a quick and easy installation of the fan heater.

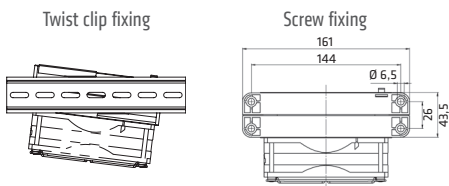


## TECHNICAL DATA

Heating element	high performance cartridge
Temperature safety cut-out	with automatic reset and second-tier one shot fuse to protect against overheating in case of fan failure
Axial fan, ball bearing	airflow 150 m <sup>3</sup> /h, free flow service life 50,000 h at +25 °C (+77 °F)
Connection	3-pole dual pressure clamp for rigid wire 2.5 mm <sup>2</sup> , stranded wire (with wire end ferrule) 1.5 mm <sup>2</sup>
Casing	plastic according to UL94 V-0, black
Mounting	twist clip for 35 mm DIN rail, EN 60715 or screw fixing (M6), torque 2 Nm max., washers have to be used
Fitting position	vertical airflow (air outlet up)
Dimensions	169 x 127 x 89 mm
Weight	~ 1.3 kg
Operating temperature	VDE: -10 to +50 °C (+14 to +122 °F) UL: -10 to +40 °C (+14 to +104 °F)
Storage temperature	-45 to +70 °C (-49 to +158 °F)
Operating/Storage humidity	< 90 % RH (non-condensing)
Protection type/Protection class	IP20 / heater: II (double insulated); fan: I (earthed)
Approvals	VDE, UL File No. E234324, EAC
Note	other heating capacities and voltages available on request



View: back side



**Important note:** Heater may only be operated together with fan (min. 150 m<sup>3</sup>/h). Danger of overheating!

Art. No. twist clip fixing	Art. No. screw fixing	Operating voltage	Heating capacity	Recommended pre-fuse T (time-delay)
03084.0-00	03084.0-01	AC 230 V, 50/60 Hz	500 W	4.0 A
03083.0-00	03083.0-01	AC 230 V, 50/60 Hz	600 W	4.0 A
03082.0-00	03082.0-01	AC 230 V, 50/60 Hz	700 W	6.3 A
03084.9-00	03084.9-01	AC 120 V, 50/60 Hz	500 W	8.0 A
03083.9-00	03083.9-01	AC 120 V, 50/60 Hz	600 W	8.0 A
03082.9-00	03082.9-01	AC 120 V, 50/60 Hz	700 W	10.0 A