

SPACE-SAVING FAN HEATER (fan included)

HVI 030 | 500 W to 700 W



- > Compact size
- > Flat design
- > Built-in overheat protection

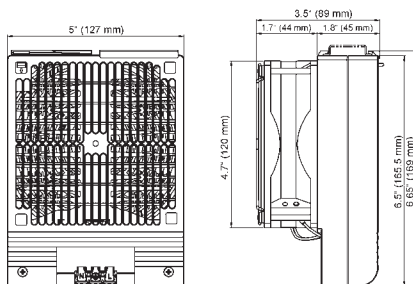
> Twist clip or screw mountable

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.

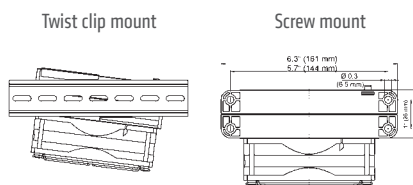


TECHNICAL DATA

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 ³ /h)
Connection	2-pole dual pressure clamp for solid wire AWG 14 max. (2.5 mm ²), stranded wire (with wire end ferrule) AWG 16 max. (1.5 mm ²)
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) 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, EAC
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	Recommended pre-fuse T (time-delay)
03082.0-00	03082.0-01	AC 230 V, 50/60 Hz	700 W	6.3 A
03082.9-00	03082.9-01	AC 120 V, 50/60 Hz	700 W	10.0 A
03083.0-00	03083.0-01	AC 230 V, 50/60 Hz	600 W	4.0 A
03083.9-00	03083.9-01	AC 120 V, 50/60 Hz	600 W	8.0 A
03084.0-00	03084.0-01	AC 230 V, 50/60 Hz	500 W	4.0 A
03084.9-00	03084.9-01	AC 120 V, 50/60 Hz	500 W	8.0 A