

FAN HEATER 100-400 W HVL031/HV031

03102.0-00

HVL 031 100W Fan heater, 230V ac

- Quick connector for DIN mounting
- Compact
- UL-approved
- High fan capacity



PRODUCT DESCRIPTION

The heating source in this fan is a high-power resistor element.

Thanks to the fan, good air circulation is obtained, while at the same time high upward dispersal is achieved. The fan is therefore appropriate for installation in enclosures outdoors to maintain an even temperature and thus avoid condensation, but it can also be used to assure that the temperature is kept above the lowest permitted level.

The fan can even be run separately to increase the air circulation during the summer, for example.

TECHNICAL DATA

GENERAL DATA

Mounting	Clip on, DIN rail
Life span	50 000 h @ +25 °C
Heat source	Resistor element
Nominal voltage	230 V AC
Connection type	3-pole spring terminal for 2.5 mm ² cable (1.5 mm ² with end sleeve). Fan connected to screw terminal L2 / N2.
Recommended fuse (slow blow)	1 A
Number of fans	1
Frequency	50/60 Hz
Heat output	100 W
Air capacity	35 m ³ /h

Material of body	Die cast aluminium
Heater body	Aluminium, Plastic

DIMENSIONS

Weight	0,6 kg
Depth	112 mm
Width	80 mm
Height	47 mm

SAFETY & APPROVALS

Flammability class	UL94-V0
IP class	IP20
Overheating protection	In case of fan failure and overheating
Protection class	I (earthed)
Approvals	CE, cULus, EAC, RoHS, UL, VDE

RATED OPERATING CONDITIONS

Operational temperature	-45°C ... +70°C
Temperature 50 mm above the heater	+75 °C
Storage temperature	-45°C ... +70°C
Humidity storage	<90% RH
Operating humidity	< 90% RH
Voltage min	230 V ac
Plastic cover	Black, UL94 V-0
Voltage max	230 V ac
Material plastic housing	Plastic

