

## FAN HEATER 100-400 W HVL031/HV031

03101.9-00

HV 031 150W Heating element without fan, 120V 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

Heat output	150 W
Nominal voltage	120 V AC
Frequency	50/60 Hz
Heater body	Aluminium, Plastic
Material of body	Die cast aluminium
Mounting	Clip on, DIN rail
Connection type	3-pole spring terminal for 2.5 mm <sup>2</sup> cable (1.5 mm <sup>2</sup> with end sleeve)
Heat source	Resistor element
Recommended fuse (slow blow)	2.5 A
Life span	50 000 h @ +25 °C

DIMENSIONS

Height	22 mm
Width	80 mm
Depth	112 mm
Weight	0.4 kg

SAFETY & APPROVALS

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

RATED OPERATING CONDITIONS

Temperature 50 mm above the heater	+75 °C
Operational temperature	-45°C ... +70°C
Storage temperature	-45°C ... +70°C
Operating humidity	< 90% RH
Humidity storage	<90% RH
Voltage min	120 V ac
Plastic cover	Black, UL94 V-0
Voltage max	120 V ac
Material plastic housing	Plastic

