

FAN HEATER 100-400 W HVL031/HV031

03115.9-00

HVL 031 400W Fan heater, 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 | 400 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 |
| Number of fans | 1 |
| 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. |
| Heat source | Resistor element |
| Recommended fuse (slow blow) | 6.3 A |

| | |
|--------------|-------------------|
| Life span | 50 000 h @ +25 °C |
| Air capacity | 108 m³/h |

DIMENSIONS

| | |
|--------|--------|
| Height | 47 mm |
| Width | 119 mm |
| Depth | 151 mm |
| Weight | 0.9 kg |

SAFETY & APPROVALS

| | |
|------------------------|--|
| Protection class | I (earthed) |
| IP class | IP20 |
| Approvals | CE, cULus, EAC, RoHS, UL |
| 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 |

