

## FAN HEATER 500-700 W HVI 030

03084.0-01

HVI 030 500W Touch-safe fan heater, 230V ac, screw fixing

- Very compact
- Quick mounting for DIN mounting
- High fan capacity
- Heat-insulating protective cover
- Integrated overheat protection



### PRODUCT DESCRIPTION

The HVI030 is a compact and high performance heat exchanger that prevents condensation and frost, and provides evenly distributed internal air temperature within enclosures

Unlike other heat fans, the HVI030 has a relatively large fan that quickly distributes airflow, and thus dries the air efficiently.

The heater fan is fitted with a mounting bracket for DIN mounting or screw mounting. The DIN bracket on the HVI030 has a special design which makes the assembly very fast and easy.

The HVI030 has a modern and functional design. The heat source is double insulated with a plastic casing, which prevents the surface temperature getting too hot. Therefore, the heater can be mounted relatively close to other products in the same application and that you do not have to worry about heat damage

The heater HVI030 is also available without fan if an alternative is preferred.

NOTE: that the heater must always be used with a fan with an airflow of at least 150 m<sup>3</sup> /h free-flowing!

The heater should always be installed together with a regulator (thermostat and/or hygrostat) for best operation.

\* Other operating voltages are available on request.

## TECHNICAL DATA

### GENERAL DATA

|                  |              |
|------------------|--------------|
| Heat output      | 500 W        |
| Nominal voltage  | 230 V AC     |
| Frequency        | 50/60 Hz     |
| Heater body      | Plastic      |
| Material of body | Plastic      |
| Mounting         | Screw fixing |
| Colour           | Black        |
| Number of fans   | 1            |

|                              |  |
|------------------------------|--|
| 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) | 4 A  |
| Life span                    | 50 000 h @ +25 °C  |
| Air capacity                 | 150 m <sup>3</sup> /h  |

### DIMENSIONS

|        |        |
|--------|--------|
| Height | 89 mm  |
| Width  | 161 mm |
| Depth  | 169 mm |
| Weight | 1.3 kg |

### SAFETY & APPROVALS

|                        |  |
|------------------------|--|
| Protection class       | II (double insulated)                            |
| IP class               | IP20   |
| Approvals              | CE, cULus, EAC, RoHS, UL, UL E234324, VDE        |
| Flammability class     | UL94-V0  |
| Overheating protection | Overheat protection, fan failure with auto-reset |

### RATED OPERATING CONDITIONS

|                                    |                         |
|------------------------------------|-------------------------|
| Temperature 50 mm above the heater | +75 °C                  |
| Operational temperature            | -10°C ... +50°C         |
| Storage temperature                | -45°C ... +70°C         |
| Operating humidity                 | < 90% RH                |
| Humidity storage                   | <90% RH                 |
| Voltage min                        | 230 V ac                |
| Voltage max                        | 230 V ac                |
| Fan                                | Axial fan, ball bearing |
| Material plastic housing           | Plastic                 |

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