

## HIGH PERFORMANCE FAN HEATER 200 W - 800 W DCR 030

03095.1-03

DCR 030 600W, 56 V DC, w/ external sensor

- Compact high performance design
- Integrated adjustable thermostat or hygrostat
- High DC heating performance
- Panel or base mount
- Optical LED indicator



### PRODUCT DESCRIPTION

The DCR 030 is a compact DC operated high performance fan heater that prevents the formation of condensation and frost, whilst providing an evenly distributed air temperature inside enclosures.

This fan heater is designed to be mounted directly on the bottom of the enclosure, in addition, the [DCR 130](#) offers the same features, but can be mounted on the enclosure wall or back plate.

The plastic housing provides double insulation and acts as protection against direct contact with the heating element.

The DCR range is available with an integrated electronic thermostat or electronic hygrostat, so negates the need for high current switching components. For larger enclosures the DCR range has the option to use a 'plug in' external sensor that can be mounted freely anywhere within the enclosure, they are available in 1m, 2m or 3M lengths.

The external sensor is not included but can be ordered separately. Please see accessories further down the page or see '[External sensor for DCR fan heaters](#)'

## TECHNICAL DATA

### GENERAL DATA

|                              |                                 |
|------------------------------|---------------------------------|
| Heat output                  | 600 W                           |
| Nominal voltage              | 56 V DC                         |
| Heater body                  | Aluminium                       |
| Material of body             | Plastic                         |
| Mounting                     | Screw fixing                    |
| Number of fans               | 1                               |
| Connection type              | 2-pole push in connection clamp |
| Recommended fuse (slow blow) | 25 A                            |
| Life span                    | 50,000 h @ +25°C                |
| Air capacity                 | 160 m³/h                        |

### DIMENSIONS

|        |        |
|--------|--------|
| Height | 100 mm |
| Width  | 145 mm |
| Depth  | 166 mm |
| Weight | 1.3 kg |

### SAFETY & APPROVALS

|                        |   |
|------------------------|---|
| Protection class       | II (double insulated)                         |
| IP class               | IP20  |
| Approvals              | CE, cRUus, EAC, RoHS, UL E234324, VDE         |
| Overheating protection | Automatic reset and second tier one shot fuse |

### RATED OPERATING CONDITIONS

|                             |  |
|-----------------------------|--|
| Operational temperature     | -20°C ... +75°C                              |
| Storage temperature         | -40°C ... +80°C                              |
| Operating humidity          | < 90% RH                                     |
| Humidity storage            | <90% RH                                      |
| Control range humidity from | 40 % RF                                      |
| Control range humidity to   | 90 % RF                                      |
| Additional information      | Hygrostat with connector for external sensor |



