**Electrical air heater DHP 22-16**

Electrical air heater for ventilation systems.

Flanges on both sides for installation in square ventilation channels.

With non-glowing stainless steel tubular radiators.

Heater power rating linearly adjustable.

Operate with DTL 24 P temperature control system (see accessories).

Recommended accessories: FL channel sensor or FR room sensor, LW 9 air flow monitor, TFP ... air filter, US 16 T contactor, DTL 2 P-L (at 16.5 kW to 30 kW).

Installation instructions

Mount the water-air heater on the fan's pressure side in order to prevent fan motor overheating. An arrow marked on the housing shows the default air direction through the electrical air heater.

Mount a 1 m to 1.5 m long air duct fitting between fan and electrical air heater to ensure optimum inflow to the electrical air heater.

Inflow speed can be controlled using an LW 9 air flow monitor.

If the inflow speed falls below 1.5 m/s, the electrical air heater must be switched off.

Safety instructions

Increased danger of fire if tubular radiators are dirty. Install TFP air filter.

With 2 temperature limiters switching independently of each other.

Minimum distance to inflammable material: 300 mm (if distance is less, install appropriate insulation).

Technical data

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| Article: | DHP 22-16 |
| Min. flow velocity: | 1,5 m/s |
| Type of voltage: | Three-phase AC |
| Rated voltage: | 400 V |
| Frequency: | 50 Hz |
| Imax: | 23,1 A |
| Degree of protection: | IP 43 |
| Installation: | Inside |
| Installation site: | Channel |
| Installation position: | horizontal / vertical |
| Housing material: | Sheet steel, galvanised |
| Weight: | 12,98 kg |
| Weight including packaging: | 13,68 kg |
| Channel dimension: | 500 mm x 250 mm |
| Width: | 639 mm |
| Height: | 288 mm |
| Depth: | 370 mm |
| Width with packaging: | 670 mm |
| Height with packaging: | 300 mm |
| Depth with packaging: | 380 mm |
| Air heater type: | electrical |
| Heater power rating: | 16.000 W |
| Packing unit: | 1 piece |
| Range: | D |
| GTIN (EAN): | 4012799820918 |
| Article number: | 0082.0091 |

Manufacturer: MAICO

DHP 22-16 Electrical air heater