**Electrical air heater ERH 12-1**

Electrical air heater for ventilation systems.

With non-glowing stainless steel tubular radiators.

Operate with ETL/DTL temperature controller (see accessories).

Increased danger of fire if tubular radiators are dirty. Install TFE air filter as a prevention.

Recommended accessories: FL channel sensor or FR room sensor, LW 9 air flow monitor, US 16 T contactor and TFE... air filter .

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 the tubular radiators are dirty. Install TFE air filter as a prevention.

Design in accordance with VDE, Device and Product Security Laws and the corresponding EU Directives.

With 2 temperature limiters switching independently of each other.

Minimum distance to inflammable material: 150 mm (if distance is less, install appropriate insulation).

Technical data

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| Article: | ERH 12-1 |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 V |
| Frequency: | 50 Hz |
| Imax: | 5,22 A |
| Degree of protection: | IP 43 |
| Installation: | Inside |
| Installation position: | horizontal / vertical |
| Housing material: | Sheet steel, galvanised |
| Weight: | 2,59 kg |
| Weight including packaging: | 2,88 kg |
| Nominal size: | 125 mm |
| Width: | 125 mm |
| Height: | 206 mm |
| Depth: | 375 mm |
| Width with packaging: | 195 mm |
| Height with packaging: | 260 mm |
| Depth with packaging: | 385 mm |
| Air heater type: | electrical |
| Heater power rating: | 1.200 W |
| Packing unit: | 1 piece |
| Range: | C |
| GTIN (EAN): | 4012799821014 |
| Article number: | 0082.0101 |

Manufacturer: MAICO

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