**Aeronom room air system WRG 300 DC**

Features

Special energy savings due to DC motors having a constant volumetric flow.

With sound insulated fans for especially quiet running.

With automatic volumetric flow regulation for constant air quantities.

Inner coating of heat resistant synthetic material, non-hygroscopic.

Easy filter change.

With two integrated filters, filter change is possible without tools.

4 DN 150 duct connections on the upper side of the unit.

Heat exchanger

Counterflow plate heat exchanger made of synthetic material (PETG).

The heat exchanger can be removed easily once the front plate has been unscrewed.

Separate air flows, separation by means of heat exchanger plates.

Easy cleaning of the heat exchanger with water and a mild detergent.

Anti-frost protection

Guaranteed anti-frost protection ensures that the heat exchanger does not freeze.

The frost protection feature switches the supply air fan off when the outgoing air temperature is too low.

Heat recovery systems combined with earth heat exchangers or an electric frost protection feature to also ensure perfect operations at low temperatures. In the winter, the earth heat exchanger also guarantees extra heating power and in the summer, extra cooling power.

Heat recovery fan

2 centrifugal DC fans, one fan each for supply air and exhaust air.

Fans with centrifugal impellers curved to the front.

3 ventilation steps: 1 = economy setting, 2 = normal, 3 = high.

Within each vetilation step, the volumetric flow can be adjusted in pre-set steps.

Step 1: 50 / 80 / 115 / 125 m3/h.

Step 2: 135 / 160 / 190 / 205 m3/h.

Step 3: 225 / 260 m3/h.

Mounting instructions

With bracket for wall installation, feet for floor installation.

Installation on the wall or a pedestal is required to ensure access to the condensation connection.

Housing covers can be unscrewed.

Provide sound absorbers on the inlet and outlet sides.

Electrical connection

When delivered, the device is assembled and ready for service.

Condensation drain

Condensation is drained out at the bottom of the unit. Condensation drainage (½" internal thread) for connection to a drain trap.

Technical data

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| Article: | WRG 300 DC |
| Rotating speed: | 2.070 1/min |
| Speed controllable: | ✔ |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 V |
| Installation site: | Cellar |
| Housing material: | Sheet steel, galvanised |
| Colour: | Pearl white, similar to RAL 1013 |
| Weight: | 31 |
| Filter class: | G3 |
| Connection diameter: | 150 mm |
| Airstream temperature at IMax: | 50 °C |
| Degree of heat provision: | 90 % |
| Heat exchanger construction type: | Condensation rotor |
| Packing unit: | 1 piece |
| Range: | K |
| GTIN (EAN): | 4012799820482 |
| Article number: | 0082.0048 |

Manufacturer: MAICO

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