**Aeronom room air system WS 600**

Features

Automatic constant volumetric flow regulation for equal air quantities.

Special energy savings due to the DC motor.

Integrated filter system with coarse filter (G4) in the outside air and in the exhaust air. Filter change is possible without tools.

Electronic filter monitoring with filter change warning displayed on the operator unit.

4 DN 225 duct connections with with rubber lip seals. Of which 2 are on the top of the unit and 1 is fitted on each side wall. For directly connecting up tubular sound absorbers.

Controlled from the operator unit in the living room.

Operator unit for switching fan steps, timer, filter pollution display included in scope of delivery.

Heat exchanger

Counterflow heat exchanger made of aluminium.

The heat exchanger can be easily removed and cleaned with water.

Anti-frost protection

Always combine heat recovery systems with earth heat exchangers, in order to be able to guarantee trouble-free operation, even at very low temperatures. Furthermore, an earth heat exchanger guarantees additional heater power rating in winter and additional cooling power in summer.

Heat recovery fan

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

3 ventilation steps:

1 = Basic ventilation/Night operation

2 = Normal / Daytime operation

3 = Intensive / Party operation

Factory setting: 270 m3/h / 350 m3/h / 450 m3/h

Mounting instructions

The front plate can be hinged open for changing the filter.

Allow for sufficient space at the side walls when installing.

Decouple the housing with impact sound plates for sound insulation.

Electrical connection

The attached operator unit is connected to the central unit via a 5-core, screened cable (maximum length 100 m).

Condensation drain

Condensation is drained from the side of the unit using a hose (DN 1/2") connected to a siphon.

Technical data

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| Article: | WS 600 |
| Air flow volume: | 200 m³/h / 550 m³/h |
| Rotating speed: | 2.070 1/min |
| Speed controllable: | ✔ |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 V |
| Frequency: | 50 Hz/60 Hz |
| Maximum power consumption: | 220 W |
| Imax: | 1 A |
| Degree of protection: | IP 00 |
| Installation site: | Cellar / Storage tank / Jamb wall / Utility room / Heating room |
| Housing material: | Sheet steel, galvanised |
| Colour: | Light grey |
| Weight: | 100 |
| Weight including packaging: | 122 kg |
| Filter class: | G4 |
| Connection diameter: | 224 mm |
| Width: | 700 mm |
| Height: | 1.190 mm |
| Depth: | 560 mm |
| Width with packaging: | 1.690 mm |
| Height with packaging: | 590 mm |
| Depth with packaging: | 810 mm |
| Airstream temperature at IMax: | 50 °C |
| Ambient temperature: | 50 °C |
| Degree of heat provision: | 90 % |
| Heat exchanger construction type: | Condensation rotor |
| Packing unit: | 1 piece |
| Range: | K |
| GTIN (EAN): | 4012799950561 |
| Article number: | 0095.0056 |

Manufacturer: MAICO

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