

WS 150 R



short description

Ventilation unit with very effective heat recovery through cross-counterflow exchanger, EC motors with constant volumetric flow regulation, supply and exhaust air on the right, 4 x DN 125, DIBT approval, 70 - 165 m³/h, KNX connection possible

Article number 0095.0057

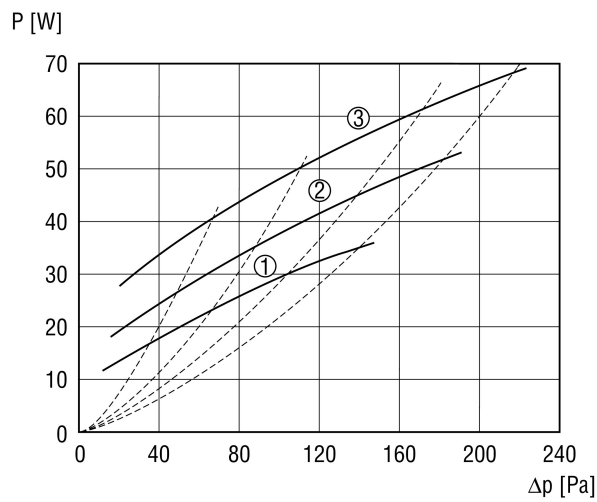
Technical Data

| | |
|-------------------------------------------|-------------------------------------------------------------|
| Model | Connections on the right |
| Number of ventilation levels | 3 |
| Air flow volume | 70 - 165 m ³ /h |
| Volumetric flow constant | Yes |
| Type of voltage | Alternating current |
| Rated voltage | 230 V |
| Frequency | 50 Hz / 60 Hz |
| Power consumption | 24 - 51 W / At 100 Pa counter pressure |
| I _{max} | 0.5 A |
| Degree of protection (IP) | 00 |
| DIBT approval | Yes |
| PH certification | No |
| Installation site | Cellar, Storage tank, Jamb wall, Utility room, Heating room |
| Housing material | Sheet steel, galvanised |
| Heat exchanger material | Aluminium |
| Colour | Light grey |
| Weight | 53 kg |
| Filter class | G4 |
| Connection diameter | 125 mm |
| Connection diameter of condensation drain | 3/4" external thread for connection to a 1/2" hose |
| Width x height x depth | 1065 x 460 x 400 mm |
| Airstream temperature at I _{Max} | 50 °C |
| Ambient temperature: | 40 °C |
| Degree of heat provision | 90 % |
| Heat exchanger construction type | Cross-counterflow |
| Bypass, integrated | No |
| Antifreeze circuit | Yes |
| Summer circuit | No |
| Humidity control | HY 5, HY 5 I, HY 10 AP, HY 10 UP |
| Air quality control | EAQ 10/1 |

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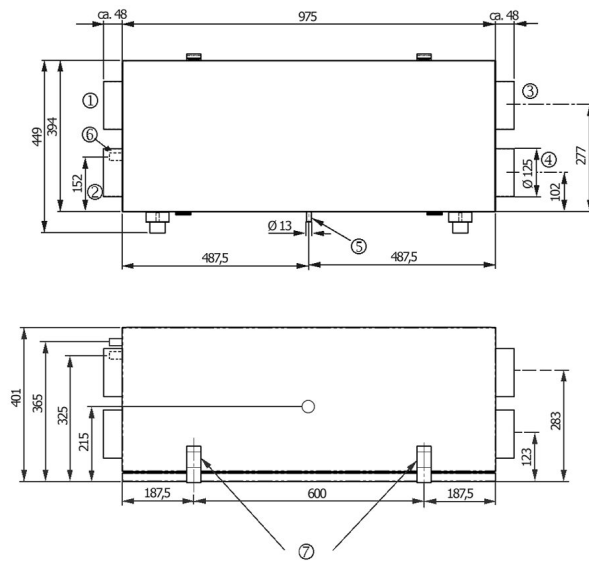
| | |
|---------------------------------------------|---------------------------------------------------------|
| KNX connection possible | Yes |
| Control unit included in scope of delivery. | No |
| Sound pressure level | 31 dB(A)/Spacing 1m, sound absorption 10 m ² |
| Range | K |
| EAN | 4012799950578 |

Characteristic curve



- ① Step 1 = 70 m³ /h
- ② Step 2 = 100 m³ /h
- ③ Step 3 = 135 m³ /h

Dimensions [mm]



- ① Outside air
- ② Outgoing air
- ③ Exhaust air
- ④ Supply air
- ⑤ Condensation drain
- ⑥ Electrical connections
- ⑦ Seal