

geniovent.x 600 H W-G-K3



Short description

Decentralised RLT air handling unit with very good heat recovery. With cross-counterflow heat exchanger and pre-heating register, outside air and outgoing air connections on the rear, supply and exhaust air via rectangular duct, not clad. CO2 sensor integrated in unit. With app for mobile unit control system

Application examples

Classroom, Day-care centre, Office, Doctor's practice, Shops

Article number 0041.0202

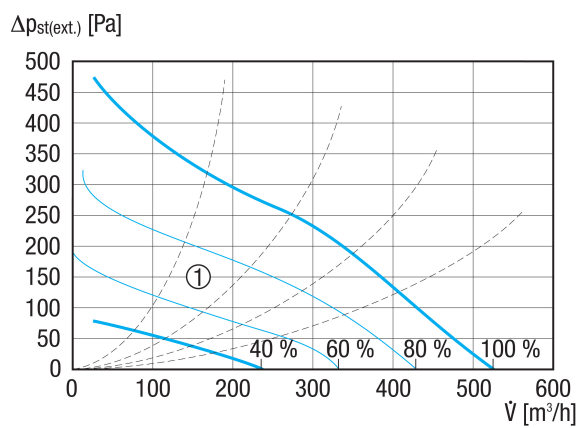
Technical data

| | |
|---|---|
| Model | W = Outside air and outgoing air connections to the rear of the wall / G = Counterflow heat exchanger / K3=Fully integrated: Supply and exhaust air via rectangular duct |
| Air flow volume | 200 m ³ /h / 540 m ³ /h |
| SFP value | 0,21 W/(m ³ /h) |
| Type of voltage | Alternating current |
| Rated voltage | 230 V |
| Frequency | 50 Hz |
| Nominal output | 84 W |
| Stand-by power consumption | < 1 W |
| I _{max} | 14 A |
| Degree of protection | IP 40 |
| Installation site | Inside |
| Material | Sheet steel, galvanised |
| Housing material | Sheet steel, galvanised |
| Heat exchanger material | Synthetic material |
| Inner coating material | PUR foam with closed-cell surface |
| Colour | Pure white, similar to RAL 9010 |
| Weight | 200 kg |
| Weight including packaging | 250 kg |
| Filter class | ISO ePM1 50-65% (F7) / ISO ePM10 60% (M5) |
| Connection diameter | 250 mm |
| Connection diameter of condensation drain | 7 mm (inside), 10 mm (outside) |
| Width | 1.575 mm |
| Height | 473 mm |
| Depth | 869 mm |
| Width with packaging | 2.070 mm |
| Height with packaging | 950 mm |
| Depth with packaging | 1.020 mm |

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| | |
|--|----------------------------|
| Airstream temperature at I_{Max} | -15 °C up to 60 °C |
| Ambient temperature | 10 °C up to 40 °C |
| Max. degree of heat provision in accordance with DIN EN 13141-7 (A7) | 91 % |
| Heat exchanger construction type | Counter current |
| Bypass | Yes |
| Frost protection | integrated 1.5 kW |
| Enthalpy heat exchanger | No |
| Antifreeze circuit | Yes |
| Filter monitoring | with time control |
| CO ₂ regulation (optional) | integrated |
| Air quality control (optional) | VOC sensor for geniovent.x |
| Outside air shutters, automatic closing | integrated |
| KNX connection (optional) | K-SM |
| MODBUS interface | integrated |
| BACnet interface | integrated |
| Ethernet interface | integrated |
| Control unit included in scope of delivery. | RB-ZF4 |
| Control unit (optional) | RLS T1 SYS |
| EnOcean wireless integration (optional) | E-SM |
| Sound pressure level | 35 dB(A) |
| Packing unit | 1 piece |
| Range | X |
| GTIN (EAN) | 4012799412021 |

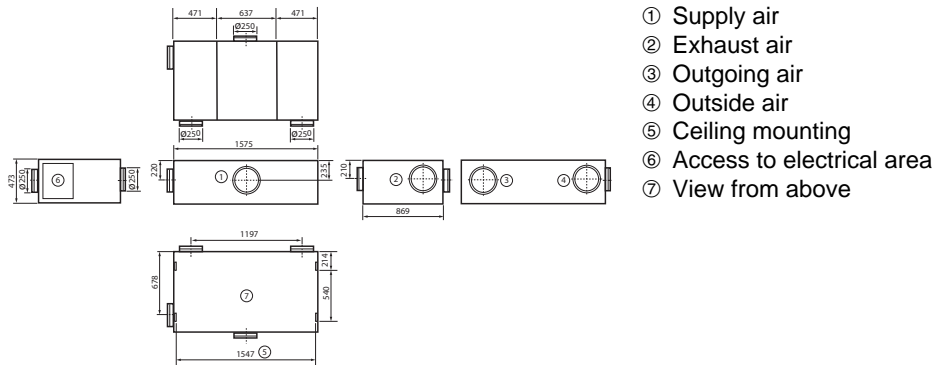
Characteristic curve



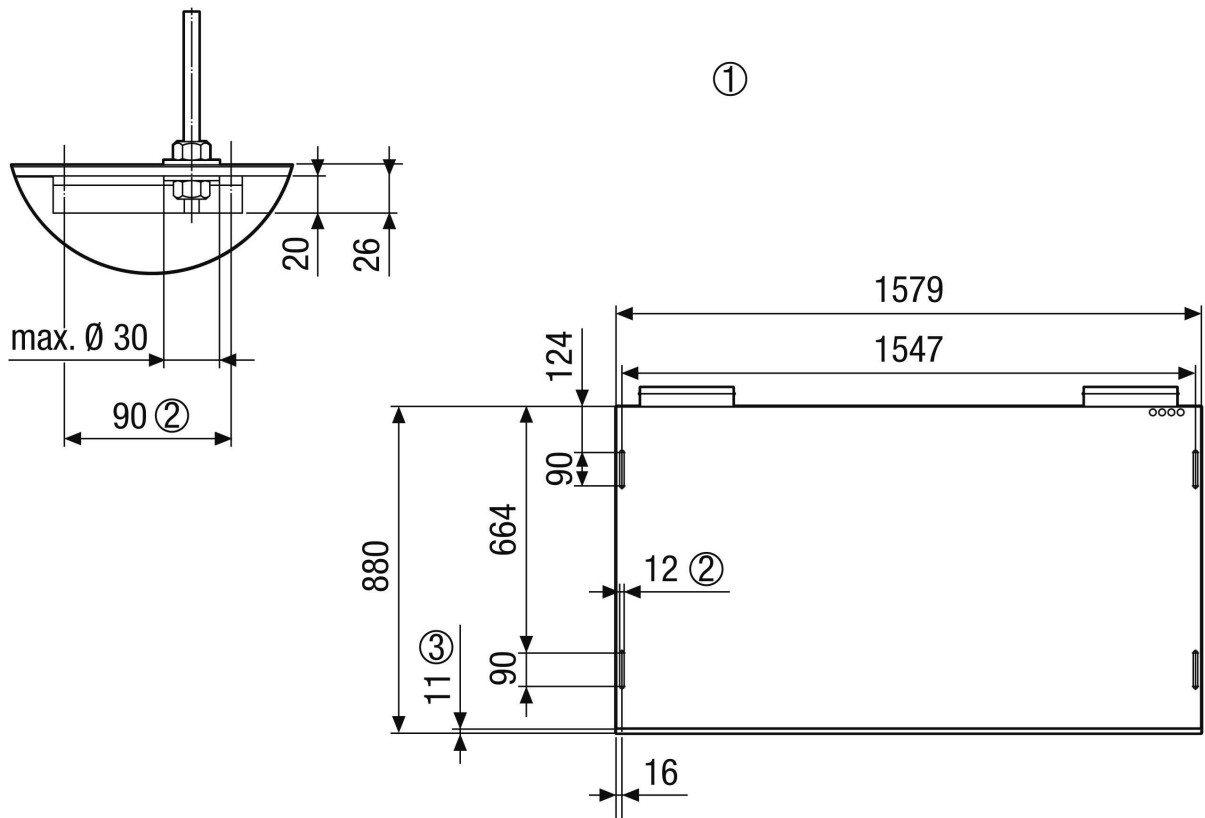
① Configuration range

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Dimensioned drawing [mm]



Dimensioned drawing [mm]



- ① Ceiling mounting geniovent.x 600 HW. View of the unit from the ceiling
- ② Slotted hole, intended for ceiling mounting, e.g. using M10 threaded rod.
- ③ Panels