

# geniovent.x 900 S DR-G-K3



## Short description

Decentralised RLT air handling unit in pure white similar to RAL 9010 with very good heat recovery. With cross-counterflow heat exchanger and preheating register, upwards connection, outside air on right, supply and exhaust air via rectangular duct, 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 0041.0281

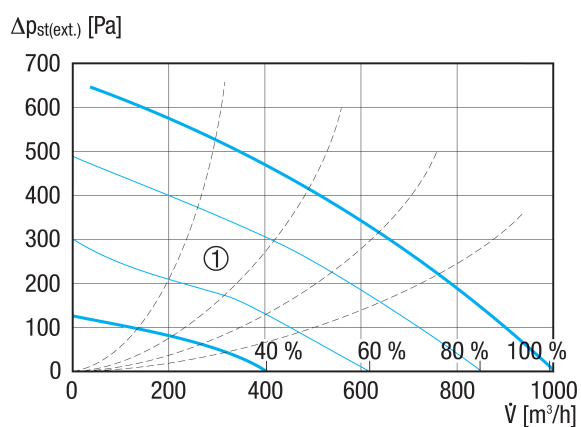
## Technical data

Air flow volume	250 m³/h / 920 m³/h
SFP value	0,18 W/(m³/h)
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	50 Hz
Nominal output	120 W
Stand-by power consumption	< 1 W
I <sub>max</sub>	15 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	240 kg
Weight including packaging	300 kg
Filter class	ISO ePM1 50-65% (F7) / ISO ePM10 60% (M5)
Connection diameter	315 mm
Connection diameter of condensation drain	7 mm (inside), 10 mm (outside)
Width	1.500 mm
Height	2.018 mm
Depth	600 mm
Width with packaging	1.750 mm
Height with packaging	800 mm
Depth with packaging	2.330 mm
Airstream temperature at I <sub>Max</sub>	-15 °C up to 60 °C
Ambient temperature	10 °C up to 40 °C

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Max. degree of heat provision in accordance with DIN EN 13141-7 (A7)	87 %
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 <sub>2</sub> 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)	4012799412816

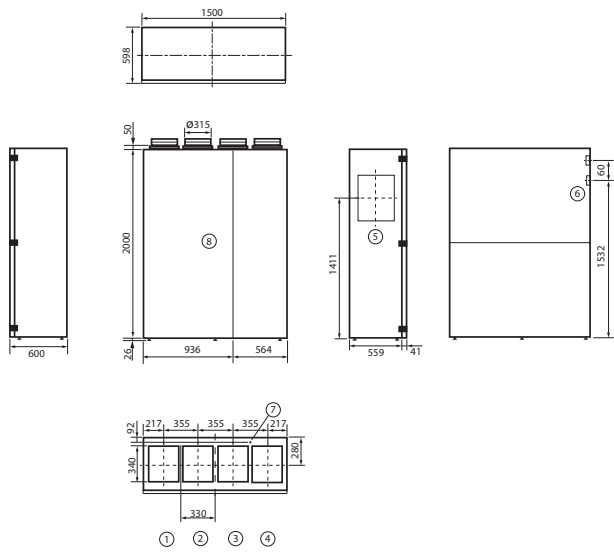
## Characteristic curve



① Configuration range

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Dimensioned drawing [mm]



- ① Exhaust air
- ② Supply air
- ③ Outgoing air
- ④ Outside air
- ⑤ Access to electrical area – also possible from inside
- ⑥ Cable outlet
- ⑦ Condensation connection
- ⑧ Front view