PRODUCTDATA SHEET

WR 300

short description

Ventilation unit with very effective heat recovery through cross-counter-flow exchanger, EC motors with constant volumetric flow regulation, interval mode, 80 - 300 m³/h, 4 x DN 160, including RLS 1 WR operator unit, DIBT and passive energy house approval, KNX connection possible

Article number	0095.0078

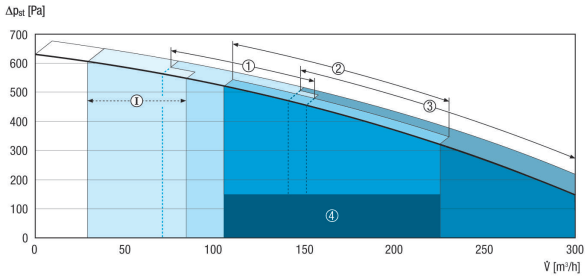
Technical Data

Number of ventilation levels	4
Air flow volume	80 - 300 m³/h
Volumetric flow constant	Yes
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	50 Hz / 60 Hz
Power consumption	27 - 125 W / At 100 Pa counter pressure
I_{max}	2 A
Degree of protection (IP)	00
DIBT approval	Yes
PH certification	Yes
Installation site	Cellar, Storage tank, Jamb wall, Utility room, Heating room
Housing material	Sheet steel, powder coated
Heat exchanger material	Aluminium
Inner coating material	Synthetic material
Colour	pearl light grey
Weight	50 kg
Filter class	G4, F7
Connection diameter	160 mm
Connection diameter of condensation drain	3/4" hose connection
Width x height x depth	786 x 825 x 500 mm
Airstream temperature at I_{Max}	50 °C
Degree of heat provision	90 %
Heat exchanger construction type	Cross-counterflow
Antifreeze circuit	Yes
Summer circuit	No
Humidity control	HY 5, HY 5 I, HY 10 AP, HY 10 UP
CO_2 control	SKD
Air quality control	EAQ 10/2
KNX connection possible	Yes

WR 300

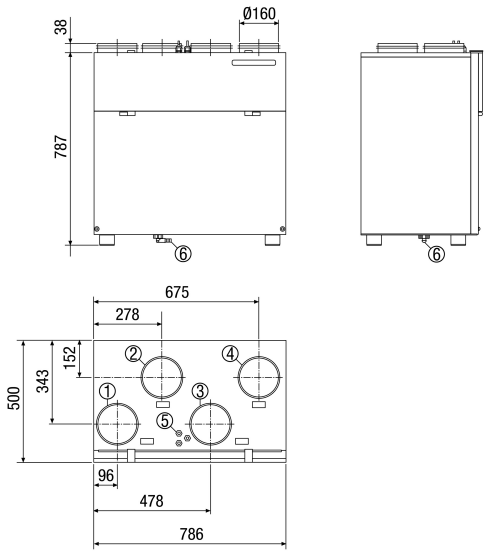
Control unit included in scope of delivery.	RLS 1 WR
Control unit optional	RLS D1 WR
Sound pressure level	41 dB(A)/43 dB(A)/45 dB(A)/Spacing 1m, sound absorption 10 m²
Range	K
EAN	4012799950783

Characteristic curve WR 300



I - Interval / vacation operation for humidity protection
1 - Reduced ventilation
2 - Nominal ventilation
3 - Intensive / Party operation
4 - Recommended configuration range

Dimensions [mm]



① DN 160 outgoing air
② DN 160 supply air
③ DN 160 exhaust air
④ DN 160 outside air
⑤ Electrical connection
⑥ Condensation connection