

Technical Data Sheet

CODE 11635

VORT HRW 20 MONO RC

Decentralised heat recovery unit



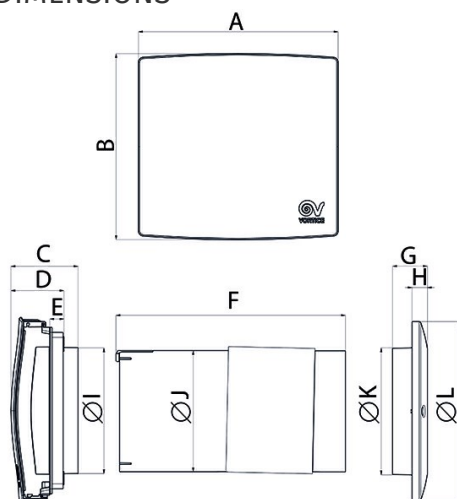
Certifications



TECHNICAL AND PERFORMANCE DATA

Absorbed Current max (A)	0.05	Delivery 1st speed (m³/h)	10.0
Absorbed power 1st speed (W)	1.0	Delivery max (l/s)	11.3
Absorbed Power max (W)	5.0	Delivery max (m³/h)	41
Filter class	G3	Max delivery at max speed (l/s)	11.3
Frequency (Hz)	50	Max delivery at max speed (m³/h)	41
Insulation Class	II°	Maximum thermal efficiency (%)	90
IP	X4	Pressure - 1st speed (mmH2O)	0.635
Max. absorbed Current at max. speed (A)	0.05	Pressure - 1st speed (Pa)	6.22
Max. absorbed Current at min. speed (A)	0.015	Pressure max - max speed (mmH2O)	4.1
Max. absorbed power at max speed (W)	5.0	Pressure max - max speed (Pa)	40.6
Nominal Diameter (mm)	160	Pressure max (mmH2O)	4.1
Voltage (V)	230	Pressure max (Pa)	40.6
Weight (Kg)	2.25	Sound pressure level Lp in free field [dB(A)] 3 m max speed	23.6
Delivery 1st speed (l/s)	2.77	Sound pressure level Lp in free field [dB(A)] 3 m min speed	<16

DIMENSIONS



Size A (mm)	240
Size B (mm)	224
Size C (mm)	80
Size D (mm)	64
Size E (mm)	17
Size F (mm)	275
Size G (mm)	42
Size H (mm)	18
Size I (mm)	Ø 151
Size J (mm)	Ø 146
Size K (mm)	Ø 153
Size L (mm)	Ø 216

PER INFORMAZIONI:

Servizio al Cliente: tel +39 02 90699395 premendo 1 dopo messaggio registrato (consulenza su prodotti e impianti)

Pre & Post Vendita: fax +39 02 90699302

Email prevendita: prevendita@vortice-italy.com

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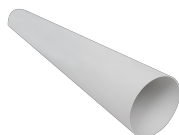
DESCRIPTION

- Plastic (PPE) enclosure
- Inner panel in plastic polymer (ABS), lined with insulating material.
- Low voltage ball bearing EC (brushless) motor.
- 5 speeds corresponding to different airflow levels: 10 m³/h; 16 m³/h; 22 m³/h; 30 m³/h and 40 m³/h.
- High efficiency ceramic heat exchanger.
- Rubber made grille, with easy mount from inside.
- Mesh to be inserted at installation in the duct together with the external grille
- Nominal hole diameter: 160 mm
- Integrated washable G3 filter, easily accessible for maintenance.
- Wired control box integrating the power supply (no external device needed) (code 22693), allowing switching on/off and selection of operation mode. Up to 4 products can be wired simultaneously to 1 controller.
- Filter status indicator LED.
- 3 operation modes:
 - o Ventilation with heat recovery;
 - o Extraction;
 - o Intake.
- Possibility of automatic ventilation controlled by (optional) sensors.

CURVES

□

ACCESSORIES



TUBO PVC
D.160 L=700
(HRW)
Code 22599



HRW RC
Code 22693



SCATOLA A
PARETE
Code 22732



SCATOLA
INCASSO TIPO
503
Code 22461



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