







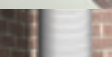



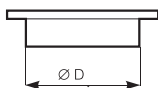


ACCESSORIES ON REQUEST

MODELS	DESCRIPTION	CODE	PRODUCT	
	CR5 Reversible 5 speeds controller	12943	All products	
	CR5N Reversible 5 speeds controller	12941	All products (not for cod. 12611 - 12451)	
	CREN Reversible 5 speeds controller	12944		
	C Temp Environmental sensor for temperature	12992	All products	
	C SMOKE Environmental sensor for air quality	12993		
	C HCS Environmental sensor for humidity	12994		
	C PIR Passive infrared sensor	12998		
	C Timer Adjustable over-run timer	12999		
	KIT VV - Double opening window kit	150/6"	13021	12611 - 12612 - 12615 - 12614
		230/9"	13022	12451 - 12452 - 12455 - 12454
		300/12"	13023	12412 - 12415
	KIT FF - Double opening window kit	150/6"	13024	12611 - 12612 - 12615 - 12614
		230/9"	13025	12451 - 12452 - 12455 - 12454
		300/12"	13026	12412 - 12415
	KIT MU - Wall mounting kit with rods		13018	12611 - 12612 - 12451 - 12452 - 12454 - 12455 - 12412 - 12415 - 12615 - 12614
	KIT TE - Roof cowl/wind baffle kit	150/6"	13001	12611 - 12612 - 12614 - 12615
		230/9"	13002	12451 - 12452 - 12454 - 12455
		300/12"	13003	12412 - 12415
	KIT SA - Darkroom cowl kit		13004	12451 - 12452 - 12455 - 12613 - 12616 - 12653 - 12456 - 12413 - 12416
	KIT ML - Deep wall installation kit	150/6"	13015	12616 - 12653
		230/9"	13016	12456 - 12653
		300/12"	13017	12416 - 12413
	KIT SO - Ceiling, false ceiling and panel kit	150/6"	13012	12416 - 12456 - 12613 - 12653
		230/9"		
	KIT TC - Spigot plate remote application	300/12"	13014	12413 - 12416
		150/6"	13027	12613 - 12616
		230/9"	13028	12456 - 12653
		300/12"	13029	12416 - 12413

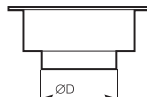
Duct diameter for spigot plate

MODELS	CODE	Ø D
150/6"	13027	171
230/9"	13028	240
300/12"	13029	300



Duct diameter for flush mounting frame

MODELS	CODE	Ø D
150/6"	13015	171
230/9"	13016	240
300/12"	13017	300



Diameter of PVC ducts

MODELS	Ø D INT.	Ø D EXT.	THICKNESS
150/6"	176	180	2
230/9"	245	250	2.5
300/12"	309	315	3

Diameter of aluminium ducts

MODELS	Ø D INT.
150/6"	176
230/9"	245
300/12"	309



RESIDENTIAL VENTILATION

VORTICE VARIO | RANGE



SINGLE AND DOUBLE-GLAZED WINDOW

MODELS	KIT REQUIRED (1) (CODE)	THICKNESS MIN/MAX
150/6"	none	2÷38
230/9"		
300/12"		



WINDOW/PANEL MOUNTING WITH EXTERNAL COWL AS A WIND BAFFLE

MODELS	KIT REQUIRED (CODE)
150/6"	13001
230/9"	13002
300/12"	13003



KIT VV - DOUBLE-GLAZED (OPENING) WINDOW

MODELS	KIT REQUIRED (2) (CODE)	THICKNESS MIN/MAX
150/6"	13021	30÷43
230/9"	13022	
300/12"	13023	



WALL MOUNTING FOR REMOTE APPLICATION

MODELS	KIT REQUIRED (CODE)
150/6"	13003 + 13018 + 2 items 13027
230/9"	13002 + 13018 + 2 items 13028
300/12"	13003 + 13018 + 2 items 13029

DUCT NOT INCLUDED



KIT FF - DOUBLE (OPENING) WINDOW SECONDARY-GLAZED

MODELS	KIT REQUIRED (3) (CODE)	THICKNESS MIN/MAX
150/6"	13024	230÷300
230/9"	13025	
300/12"	13026	



BUILT-IN WALL MOUNTING

MODELS	KIT REQUIRED (5) (CODE)	THICKNESS
150/6"	none	135
230/9"		180
300/12"		210

BUILT-IN DEEP WALL MOUNTING

MODELS	KIT REQUIRED (CODE)	THICKNESS MIN/MAX
150/6"	13015	260÷460
230/9"	13016	320÷500
300/12"	13017	375÷515



KIT MU - WALL MOUNTING

MODELS	KIT REQUIRED (4) (CODE)	THICKNESS MAX
150/6"	13018	300
230/9"		
300/12"		



BUILT-IN PANEL, CEILING AND FALSE CEILING MOUNTING

MODELS	KIT REQUIRED (CODE)
150/6"	13012
230/9"	
300/12"	13014

DUCT NOT INCLUDED



WALL MOUNTING WITH EXTERNAL COWL AS A WIND BAFFLE

MODELS	KIT REQUIRED (4) (CODE)	THICKNESS MAX
150/6"	13001+13018	300
230/9"		
300/12"		



BUILT-IN WALL MOUNTED FOR REMOTE APPLICATION

MODELS	KIT REQUIRED (CODE)
150/6"	13027+13012+13015
230/9"	13028+13012+13016
300/12"	13029+13014+13017

DUCT NOT INCLUDED



ROOF MOUNTING ON WINDOW/PANEL

MODELS	KIT REQUIRED (CODE)
150/6"	13001
230/9"	13002
300/12"	13003



BUILT-IN ROOF MOUNTED FOR REMOTE APPLICATION

MODELS	KIT REQUIRED (CODE)
150/6"	13001+13027+13012
230/9"	13002+13028+13012
300/12"	13003+13029+13014

DUCT NOT INCLUDED

- (1) No kit is required for window/panels with thickness ranging from 3 to 38 mm.
- (2) For installation in double-glazed (opening) window with thickness ranging from 30 to 43 mm.
- (3) For installation on double (opening) window with thickness ranging from 230 to 300 mm.

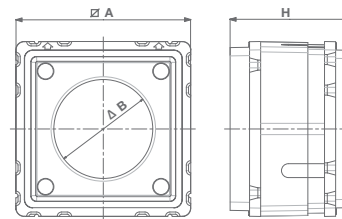
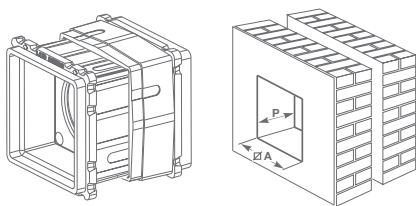
- (4) For installation on walls, with thickness ranging from 38 to 300 mm.
- (5) No kit is required for walls with thickness ranging from 135 to 210 mm.



	Number of required kits	150/6" AR Code 12612	150/6" AR LL S Code 12615	150/6" P Code 12611	150/6" P LL S Code 12614	230/9" AR Code 12452	230/9" AR LL S Code 12455	230/9" P Code 12451	230/9" P LL S Code 12454	300/12" AR Code 12412	300/12" AR LL S Code 12415	150/6" ARI Code 12613	150/6" ARI LL S Code 12616	230/9" ARI Code 12653	230/9" ARI LL S Code 12456	300/12" ARI Code 12413	300/12" ARI LL S Code 12416
SINGLE-GLAZED WINDOW																	
Wall	1	13018	13018	13018	13018	13018	13018	13018	13018	13018	13018						
Double-glazed (opening) window	1	13021	13021	13021	13021	13022	13022	13022	13022	13023	13023						
Double (opening) window secondary-glazing	1	13024	13024	13024	13024	13025	13025	13025	13025	13026	13026						
Window-mounted with darkroom cowl	1					13004	13004	13004	13004								
Window / panel mounted with external cowl	1	13001	13001	13001	13001	13002	13002	13002	13002	13003	13003						
Roof application	1	13001	13001	13001	13001	13002	13002	13002	13002	13003	13003						
Wall-mounted with external cowl	2	13001 13018	13001 13018	13001 13018	13001 13018	13002 13018	13002 13018	13002 13018	13002 13018	13003 13018	13003 13018						
Wall-mounted for remote application (duct not included)	1	13001 13018 13027x2	13001 13018 13027x2	13001 13018 13027x2	13001 13018 13027x2	13002 13018 13027x2	13002 13018 13027x2	13002 13018 13027x2	13002 13018 13027x2	13003 13018 13027x2	13003 13018 13027x2						
BUILT-IN WALL MOUNTED																	
Thin wall mounted for remote application (duct not included)	3	13001 13012 13018 13027	13001 13012 13018 13027	13001 13012 13018 13027	13001 13012 13018 13027	13002 13012 13018 13028	13002 13012 13018 13028	13002 13012 13018 13028	13002 13012 13018 13028	13003 13014 13018 13029	13003 13014 13018 13029						
Panel-mounted with darkroom cowl	1					13004	13004	13004	13004								
Wall-mounted with darkroom cowl	2					13018 13004	13018 13004	13018 13004	13018 13004								
Built-in deep wall mounted	1											13015	13015	13016	13016	13017	13017
Panel - Ceiling - False ceiling	1											13012	13012	13012	13012	13014	13014
Roof-mounted for remote application (duct not included)	3											13001 13027 13012	13001 13027 13012	13002 13028 13012	13002 13028 13012	13003 13029 13014	13003 13029 13014
Built-in wall mounted for remote application (duct not included)	3											13012 13015 13027	13012 13015 13027	13012 13016 13028	13012 13016 13028	13014 13017 13029	13014 13017 13029

TELESCOPIC FRAME FORWALL MOUNTED MODELS

This frame is made of expanded polystyrene and facilitates wall mounting of the Vortice Vario series. Accessory included.



MODELS	∅ A	P (min)	P (max)
150/6"	325	220	330
230/9"	400	220	330
300/12"	500	220	330

MODELS	∅ A	∅ B	H
KIT IN 150/6"	315	180	205÷330
KIT IN 230/9"	390	260	205÷330
KIT IN 300/12"	490	305	205÷330

Dimensions (mm)



TECHNICAL DATA

MODELS	V~50Hz	W min/max	A min/max	RPM min/max	MAX AIRFLOW		MAX PRESSURE		Lp dB(A)* 3 m		Max °C	Kg
					m ³ /h min/max	l/s min/max	mmH ₂ O min/max	Pa min/max	frontal	side		
MICRO 100 I	220 - 240	20 27	0.10 0.12	1010 1450	75 110	21 31	20 25	196 245	26.3 34.3	25.9 33.5	50	1.91
MICRO 100 I ES		8 15	0.08 0.12	1090 1430	75 100	21 28	9 18	88 177	31.8 38.4	29.9 37.8		
MEDIO I		45 60	0.21 0.27	1200 1600	130 180	36 50	34 37	334 363	35.9 41.2	33.4 39.6	50	4.27
SUPER I		70 100	0.31 0.48	1300 1900	190 280	53 78	42 50	412 491	33.6 46.7	30 44.6		

VORT QUADRO I RANGE | TECHNICAL DATA FOR REGULATION N° 1254/2014/UE

Models Code	Unit of measurement	MICRO 100 I 12017 - 12018 - 12065
Supplier's name or trade mark	-	Vortice
Specific Energy Consumption class SEC in average climate zone	-	NA
Specific Energy Consumption class SEC average	kWh/m ² a	-1,7
Specific Energy Consumption class SEC cold		-15,0
Specific Energy Consumption class SEC warm		6,0
Declared typology	-	RVU-U*
Type of drive	-	NA
Type of heat recovery system HRS	-	None
Thermal efficiency of heat recovery at reference air flow	%	NA
Maximum flow rate	m ³ /s	100
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	W	27,0
Sound power level LWA	LWA [dB(A)]	54
Reference flow rate	m ³ /s	0,0194
Reference pressure difference	Pa	95
SPI	W/(m ³ /h)	0,35714
Control factor CTRL	%	1
Control typology	-	manual
Maximum internal leakage rates	-	NA
Maximum external leakage rates	%	NA
Mixing rate	-	NA
Airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	m ³ /h	NA
Indoor/outdoor air tightness	-	NA
Annual electricity consumption (AEC)	kWh electricity/a	492
AHS average Annual heating saved	kWh primary energy/a	1397
AHS cold Annual heating saved		2732
AHS warm Annual heating saved		632
Position and description of visual filter warning	-	NA

* RVU-U: Unit Ventilation Residential - Unidirectional

** NRVU-U: Unit Ventilation Non Residential - Unidirectional

*** MSD: Multi-Speed Drive

VORT PLATT EP RANGE

Centralised continuous ventilation units

Suitable for horizontal and vertical installations on walls, ceilings and false ceiling.



- **2 models:** VORT PLATT, VORT PLATT ES.
- Designed to guarantee efficient ventilation of the home in continuous operating mode.
- Long lasting galvanized steel cover.
- Rear flange made of ABS.
- Ball bearing motor.
- Two speeds.
- Inlets: 3 x 80 mm + 1 x 125 mm diameter.
- Outlet: 1 x 125 mm diameter.
- Protection rating: IPX4.
- Insulation class: II □ .

VORT PLATT

- AC motor external rotor with thermally protected.
- VORT PLATT supplied with 2 spigots (30 m³/h) and 1 blank.

VORT PLATT ES:

- Electrically controlled EC brushless motors offer optimal performance and extremely low energy consumption.
- 3 alternative settings selectable by dip switch.
- Very high efficiency: specific fan power down to 0.2 [W/l/s].
- Timer 30'.
- VORT PLATT ES supplied with 2 spigots and 1 blank.

TECHNICAL DATA

MODELS	CODE	V~50Hz	W min/max	A min/max	RPM min/max	MAX AIRFLOW		MAX PRESSURE		Lp dB(A)* 3 m min/max	MAX °C	Kg
						m ³ /h min/max	l/s min/max	mmH ₂ O min/max	Pa min/max			
VORT PLATT EP	11366	230	20 56	0.01 0.25	1300 2610	176 343	48.8 95.2	26.6 41.9	261.0 411.7	- 34.9+	60	5,4
VORT PLATT ES EP	11556		12 50	0.12 0.45	830 1400	215 365	60 101	5 14.5	49 142	26.5** 36	50	4

*Vort Platt Ep dB(A) measured at kitchen port at minimum speed.

** Vort Platt ES Ep: Lp dB(A) 3 m measured in configuration 3+1.



RESIDENTIAL VENTILATION

ACCESSORIES

MODELS	DESCRIPTION						CODE	
	KIT TE - Roof cowl/wind baffle kit 150/6" - 230/9" - 300/12"						13001 13002 13003	
	MODELS	CODE	∅ A	B	C	∅ D		H
	150/6"	13001	215	175	28	300		111
	230/9"	13002	294	249	30	400		145
300/12"	13003	390	316	33	534	181		
Dimensions (mm)								
	KIT SO - Ceiling, false ceiling and panel kit 150/6"-230/9" - 300/12"						13012 13014	
	MODELS	CODE	∅ A	B	C			
	150/6"	13012	215	175	28			
	230/9"	13014	294	249	30			
Dimensions (mm)								
	KIT ML - Deep wall installation kit 150/6" - 230/9" - 300/12"						13015 13016 13017	
	MODELS	CODE	∅ A	B	∅ C	D		H
	KIT ML150/6"	13015	294	8	171	30		94
	KIT ML 230/9"	13016	393	8	240	30		125
	KIT ML300/12"	13017	487	8	300	41		142
Dimensions (mm)								
	KIT MU - Wall mounting kit with rods						13018	
	MODELS	A	∅ B					
	KIT MU	380	M4					
Dimensions (mm)								
	KIT VV - Double opening window, secondary glazed kit KIT VV 150/6" - KIT VV 230/9" - KIT VV 300/12"						13021 13022 13023	
	MODELS	CODE	∅ A	B	C			
	KIT VV 150/6"	13021	215	7	157			
	KIT VV 230/9"	13022	294	7	233			
	KIT VV 300/12"	13023	390	7	303			
Dimensions (mm)								