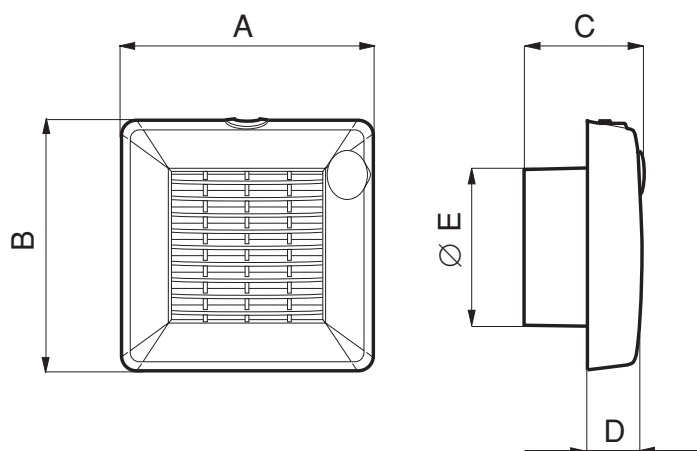




RESIDENTIAL VENTILATION

PUNTO RANGE

DIMENSIONS



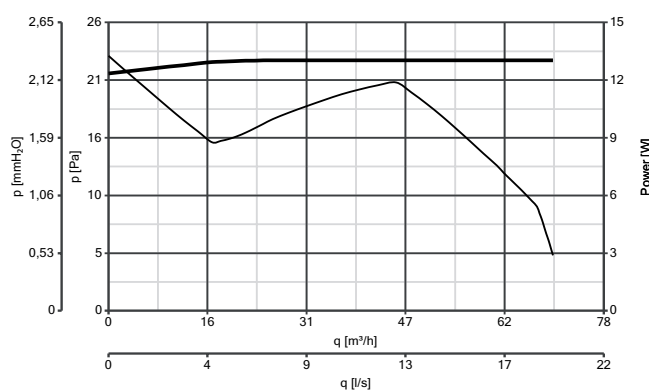
MODELS	A	B	C	D	Ø E
M 90/3.5"	159	160	100	47	92.5
M 100/4"					99
M 120/5"	179	181	110		119
M 150/6"	214	215	117		156

Dimensions (mm)

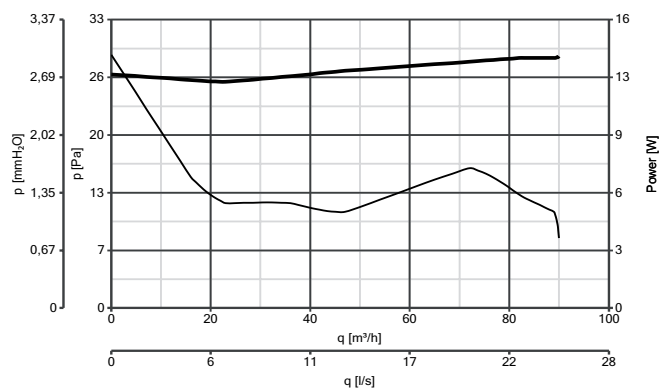
PERFORMANCE CURVES

— Power consumption — Delivery

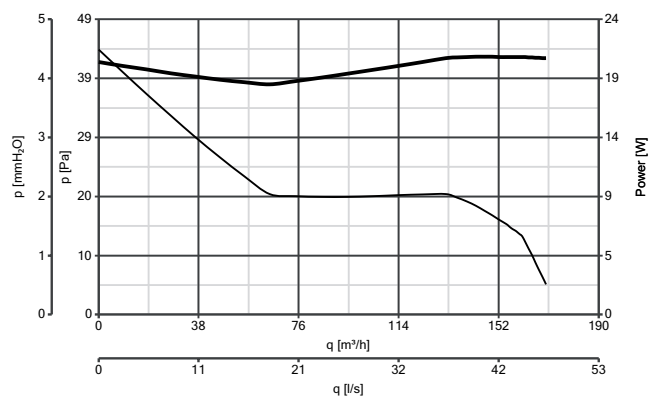
M 90/3,5" cod. 11150 - 11153



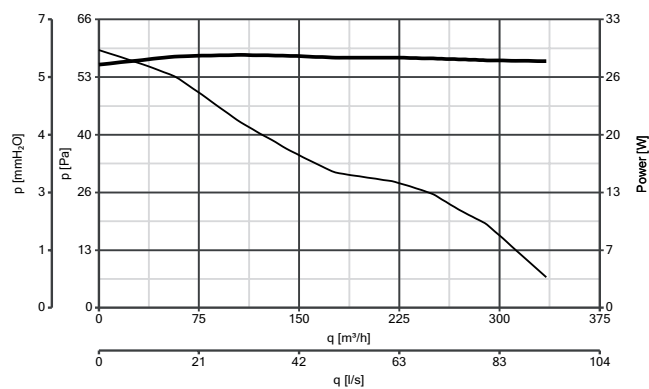
M 100/4" cod. 11201 - 11202 - 11203 - 11211 - 11212 - 11221 - 11222 - 11223 - 11231 - 11232 - 11614 - 11616 - 11646 - 11681 - 11682 - 11683 - 11684



M 120/5" cod. 11301 - 11302 - 11311 - 11312 - 11321 - 11322 - 11331 - 11332 - 11692 - 11741 - 11746 - 11781 - 11782 - 11783 - 11784



M 150/6" cod. 11401 - 11402 - 11411 - 11412 - 11421 - 11422 - 11431 - 11432 - 11698 - 11851 - 11856 - 11881 - 11882 - 11883 - 11884



ACCESSORIES ON REQUEST

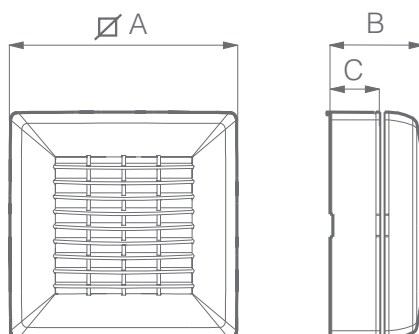
MODELS	DESCRIPTION	CODE	PRODUCT	
	C 1.5 Electronic speed controller 1.5 A	12966	11150 - 11201 - 11202 - 11222- 11301 - 11302 - 11321 - 11322 - 11401- 11402 - 11421 - 11422	
	SCNRB Electronic speed controller built-in	12971	11150 - 11201 - 11202 - 11221 - 11222 - 11301 - 11302 - 11321 - 11322 - 11401 - 11402 - 11421 - 11422	
	SCB KIT Bult-in controller adaptor for C 1.5	22481	12966	
	F KIT Kit to window-mount	100/4"	22131	11201 - 11202 - 11203 - 11211 - 11212 - 11681 - 11682 - 11221 - 11222 - 11223 - 11231 - 11232 - 11683 - 11684 - 11616 - 11614 - 11646
		120/5"	22132	11301 - 11302 - 11311 - 11312 - 11781 - 11782 - 11783 - 11321 - 11322 - 11331 - 11332 - 11741 - 11746- 11784 - 11692
		150/6"	22133	11401 - 11402 - 11411 -11412 - 11881 - 11882 - 11421 - 11422 - 11431 - 11432 - 11851 - 11856 - 11883 - 11884 - 11698
	GFI (Grey Fixed Grille)	100/4"	22010	11150 - 11153 - 11201 - 11202 - 11203 - 11211 - 11212 - 11681 - 11682 - 11221 - 11222 - 11223 - 11231 - 11232 - 11683 - 11684 - 11616
		120/150	22020	11301 - 11302 - 11311 - 11312 - 11781 - 11782 - 11783 11321 - 11322 - 11331 - 11332 - 11784 - 11692 - 11401 11402 - 11411 - 11412 - 11881 - 11882 - 11421 - 11422 11431 - 11432 - 11883 - 11884 - 11698
		GFI 10	22011	
	S Kit Ceiling kit	100/4"	22154	11150 - 11153 - 11201 - 11202 - 11203 - 11211 - 11212 - 11681 - 11682 - 11221 - 11222 - 11223 - 11231 - 11232 - 11683 - 11684 - 11616
		120/5"	22155	11301 - 11302 - 11311 - 11312 - 11781 - 11782 - 11783 11321 - 11322 - 11331 - 11332 - 11784 - 11692
		150/6"	22156	11401 - 11402 - 11411 - 11412 - 11881 - 11882 - 11421 - 11422 - 11431 - 11432 - 11883 - 11884 - 11698
	GA	12V	22150	11203 - 11223
		12V T	22151	11203 - 11223

Accessories on request (description and technical data on page 158)

F KIT - KIT TO WINDOW-MOUNT

Technical data and dimensions of the "product+kit".

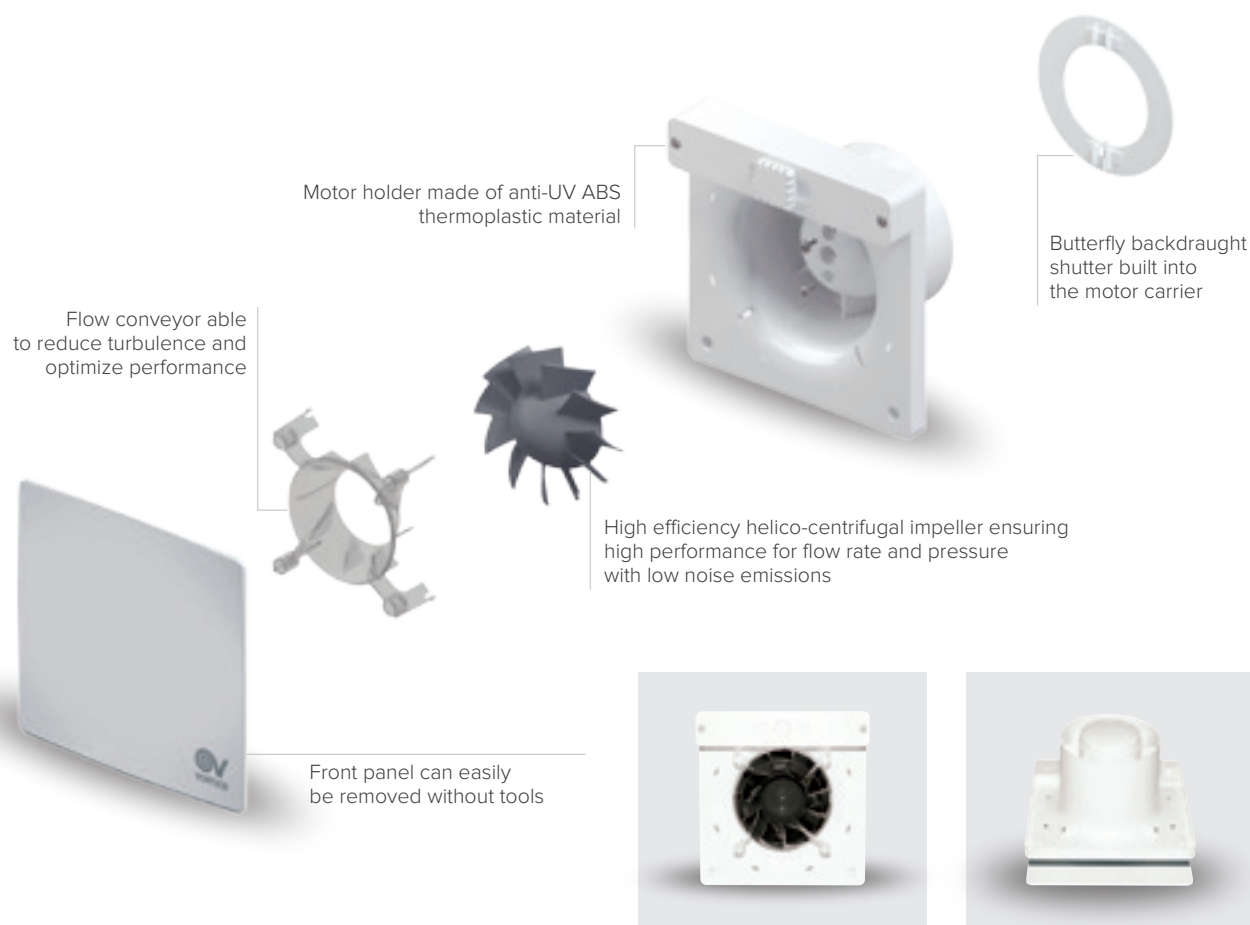
MODELS	KIT	CODE	W	A	RPM	MAX AIRFLOW		Lp dB(A) 3 m	MAX °C	Kg
						m³/h	l/s			
M 100/4"	F 100/4"	22131	18	0.10	2300	85	23.6	38	50	0.85
M 120/5"	F 120/5"	22132	20	0.12	2000	140	38.9	40.5		1.15
M 150/6"	F 150/6"	22133	30	0.15	1950	280	77.8	44.5		1.56



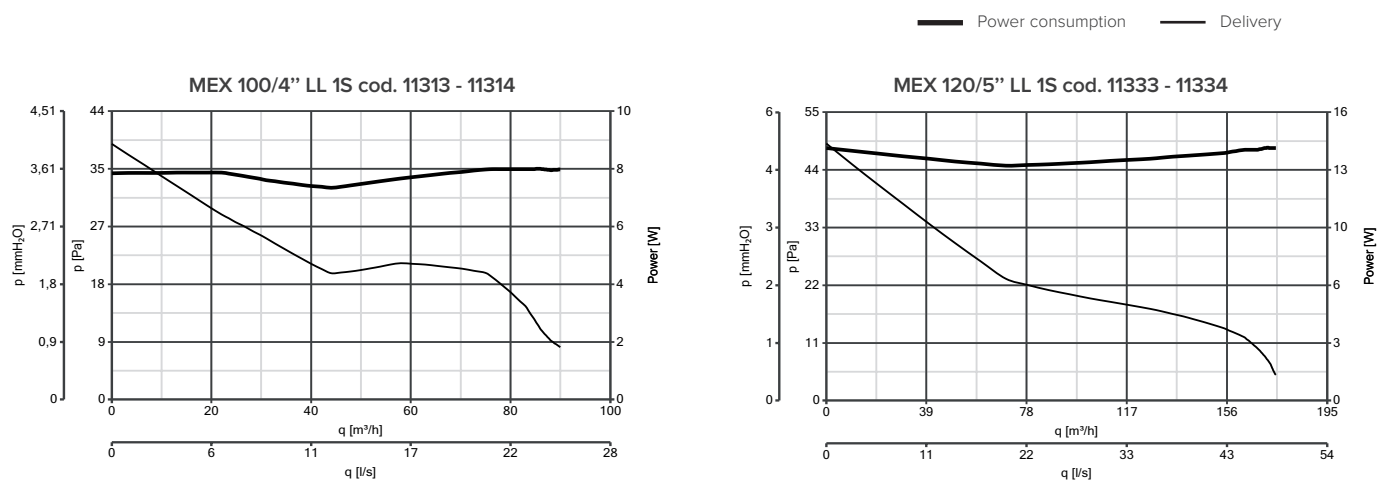
MODELS	Ø A	B	C	Ø GLASS HOLE	THICKNESS
M 100/4"	158	69	22	123 ÷ 128	20
M 120/5"	179	80	33	143 ÷ 148	
M 150/6"	213	87	40	178 ÷ 183	

Dimensions (mm)

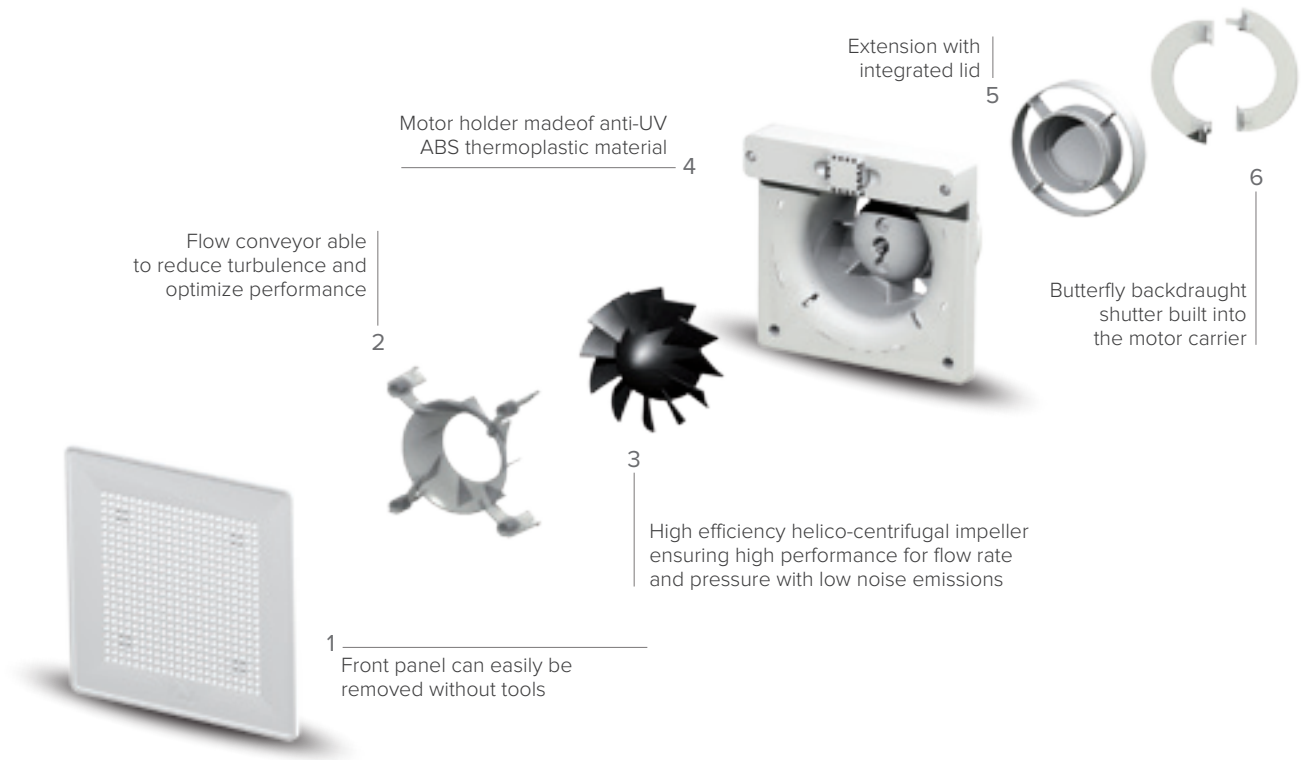
EXPLODED VIEW



PERFORMANCE CURVES



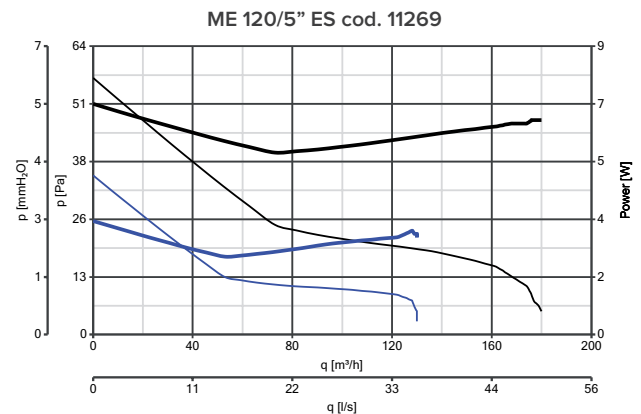
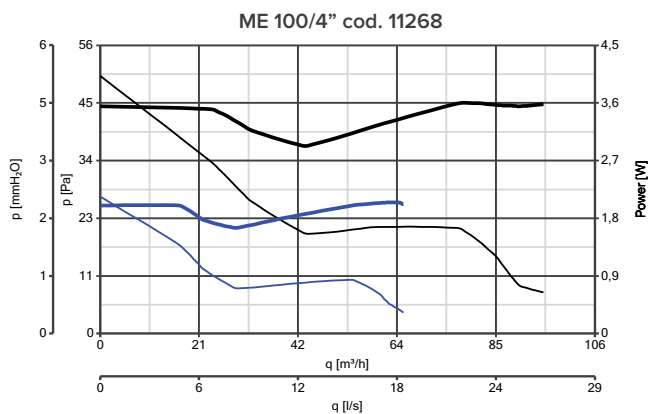
EXPLODED VIEW



PERFORMANCE CURVES

POWER CONSUMPTION
— max
— min

PERFORMANCE CURVES
— max
— min



VORTEX[®] RANGE

Cooker hoods



For ventilation of kitchens, these cooker hoods blend in well with any style of kitchen décor.

- **2 models:** 60 and 90 cm sizes. All models are supplied in extractor mode but can be converted to the recycling filtering mode using the optional kit.
- Supplied with self-illuminating, ergonomic buttons which allow selection of one of the three available speeds, according to the particular need.
- Excellent lighting with 40 W light bulbs and polycarbonate diffuser, ensures no alteration to the colour of food in the cooking area.
- Powerful yet silent, the low noise level at first speed is ideal when having to spend considerable time in the kitchen.
- Rugged construction with frame made of stainless-steel, coated in anti-scratch polyester-epoxy powder, motor-holder and fan made of self-extinguishing resin. Three-speed motor with Class B insulation and thermal cut-out for overheat protection.
- Filtering system: these models are equipped with a fabric grease filter.
- Complete with main fitting for 120 mm dia. duct and secondary fitting for 100 mm dia. duct, a cover with two discharge ports, activated-carbon filters for changing to the filtering type, air backdraught shutter, installation fixings, connection cable without plug.
- Insulation class: II .



TECHNICAL DATA

MODELS	CODE	COLOUR	V ~ 50 Hz	W	MAX AIRFLOW		MAX PRESSURE		Lp dB(A) 3 m min/max	MAX °C	Kg
					m³/h min/max	l/s min/max	mmH ₂ O min/max	Pa min/max			
VORTEX 60	20021	W	220 240	160	120 150	33 69	12 21	118 210	37 56	40	8,5
	20022	I									
VORTEX 90	20023	W									11
	20024	I									



APPLICATIONS





ARIETT HABITAT SERIE | TECHNICAL DATA FOR REGULATION N° 1254/2014/UE

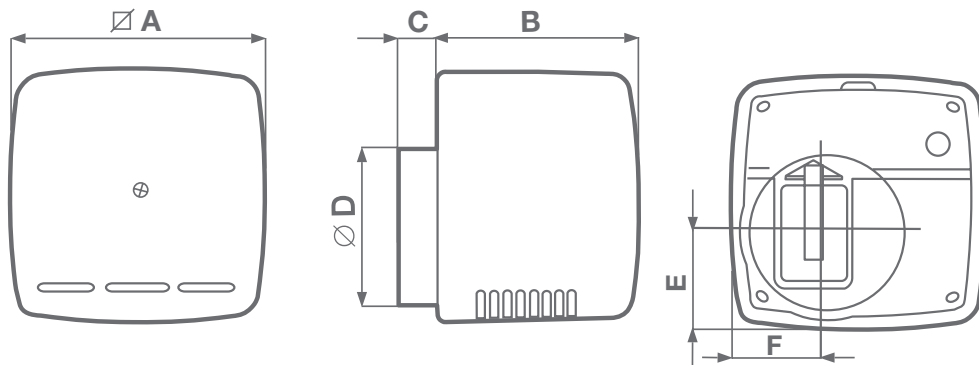
	Models Code	Unit of measurement	ARIETT HABITAT LL 15/30 12000	ARIETT HABITAT LL 27/75 12001
Supplier's name or trade mark	-	-	Vortice	Vortice
Specific Energy Consumption class SEC in average climate zone	-	-	NA	NA
Specific Energy Consumption class SEC average	kWh/m²a	-	-4,2	0,2
Specific Energy Consumption class SEC cold		-	-17,6	-13,2
Specific Energy Consumption class SEC warm		-	3,5	7,8
Declared typology	-	-	RVU-U*	RVU-U*
Type of drive	-	-	NA	NA
Type of heat recovery system HRS	-	-	None	None
Thermal efficiency of heat recovery at reference air flow	%	-	NA	NA
Maximum flow rate	m³/s	-	39	74
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	W	-	8,2	22,8
Sound power level LWA	LWA [dB(A)]	-	53	62
Reference flow rate	m³/s	-	0,0076	0,41120
Reference pressure difference	Pa	-	60	73
SPI	W/(m³/h)	-	0,28353	0,41120
Control factor CTRL	%	-	1	1
Control typology	-	-	manual	manual
Maximum internal leakage rates	-	-	NA	NA
Maximum external leakage rates	%	-	NA	NA
Mixing rate	-	-	NA	NA
Position and description of visual filter warning	-	-	NA	NA
Airflow sensitivity to pressure variations at + 20 Pa and – 20 Pa	m³/h	-	NA	NA
Indoor/outdoor air tightness	-	-	NA	NA
Annual electricity consumption (AEC)	kWh electricity/a	-	391	567
AHS average Annual heating saved	kWh primary energy/a	-	1397	1397
AHS cold Annual heating saved		-	2732	2732
AHS warm Annual heating saved		-	632	632

* RVU-U: Unit Ventilation Residential - Unidirectional

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

*** MSD: Multi-Speed Drive

DIMENSIONS



MODELS	Ø A	B	C	Ø D	E	F
ARIETT LL	156	123	25	97	60	60

Dimensions (mm)



VORT PRESS HABITAT RANGE | TECHNICAL DATA FOR REGULATION N° 1254/2014/UE

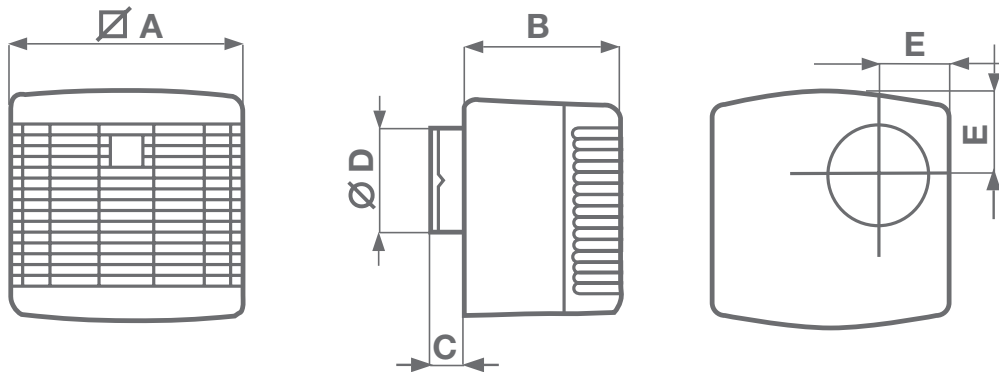
Models Code	Unit of measurement	VORT PRESS HABITAT LL 30/90	VORT PRESS HABITAT LL 45/135
		12002	12004
Supplier's name or trade mark	-	Vortice	Vortice
Specific Energy Consumption class SEC in average climate zone	-	NA	NA
Specific Energy Consumption class SEC average	kWh/m²a	-2,6	-4,0
Specific Energy Consumption class SEC cold		-15,9	-17,3
Specific Energy Consumption class SEC warm		5,1	3,7
Declared typology	-	RVU-U*	RVU-U*
Type of drive	-	NA	NA
Type of heat recovery system HRS	-	None	None
Thermal efficiency of heat recovery at reference air flow	%	NA	NA
Maximum flow rate	m³/s	90	143
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	W	21,0	29,58
Sound power level LWA	LWA [dB(A)]	56	59
Reference flow rate	m³/s	0,0175	0,0278
Reference pressure difference	Pa	53	95
SPI	W/(m³/h)	0,33016	0,28971
Control factor CTRL	%	1	1
Control typology	-	manual	manual
Maximum internal leakage rates	-	NA	NA
Maximum external leakage rates	%	NA	NA
Mixing rate	-	NA	NA
Airflow sensitivity to pressure variations at + 20 Pa and – 20 Pa	m³/h	NA	NA
Indoor/outdoor air tightness	-	NA	NA
Annual electricity consumption (AEC)	kWh electricity/a	455	339
AHS average Annual heating saved	kWh primary energy/a	1397	1397
AHS cold Annual heating saved		2732	2732
AHS warm Annual heating saved		632	632
Position and description of visual filter warning	-	NA	NA

* RVU-U: Unit Ventilation Residential - Unidirectional

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

*** MSD: Multi-Speed Drive

DIMENSIONS



MODELS	∅ A	B	C	∅ D	E
VORT PRESS HABITAT LL 30/90	202	147	30	97	73
VORT PRESS HABITAT LL 45/135	275	140	28		

Dimensions (mm)