



Design: F. Trabucco &amp; Associates

## VORTICE VARIO RANGE

 Wall/window axial fans **LONG LIFE 30.000 h**

Manual and automatic version unidirectional and reversible axial fans, designed for wall or glass installation in domestic or commercial premises subjected to heavy-duty daily use.

### Key features

- Wide range of possible alternative installations (windows, walls, false-ceilings, roofs, dark rooms, etc.) thanks to the optional accessories available.
- Easy, fast installation.
- Elegant, “Intel Design” and “Design Index Adi” award-winning design.
- High protection from water, suitable for use in Zone 1 bathroom installations and in the presence of high relative humidity.

### Version

- 7 models, with nominal diameter between 150 and 300 mm, in unidirectional and reversible versions, driven by bushing and bearing motors, with manual and automatic drive closing fins.

### Technical features

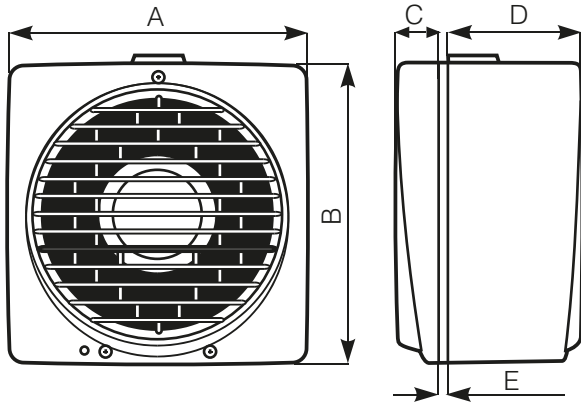
- White, shock-proof, plastic resin (ABS) panels, prevents ageing caused by exposure to sunlight (“UV resistant”).
- Heat protected motors with shafts mounted on bushings with self-centring and self-lubricating neck to favour low sound emissions, or on ball bearings (LL models to ensure long lasting (at least 30,000 h) continuous service at the maximum plate temperature. Speed adjustment using Vortice accessory devices. The direction of rotation can be reversed (R models) to perform the double function of extracting stale air and introducing fresh air into the serviced room.
- Axial impellers moulded in plastic resin, resistant to aggressive agents, with saber shaped blades to combine high performance with low noise emissions.
- Exhaust duct closing fins to prevent unwanted inflows of air and bad odours when the device is switched off, automatic drive on A models.
- Possibility of combining with a timer and temperature, relative humidity, smoke and presence sensors (optional).
- Fully compliant with Reg. No. 327/2011/EU.
- Performance and safety certified by third party body (IMQ)
- Protection rating from dust and water: IPX4.
- Class of electric isolation: II □ (earthing not required).

### TECHNICAL DATA

MODELS	CODE	V~50/60HZ	W max	A max	RPM max	MAX AIRFLOW m³/h	l/s	Lp dB(A)* 3m max	MAX °C**	KG
VORTICE 150/6" P	12611	220-240	18	0.10	1340	235	65.3	37.5	50	2.07
VORTICE 150/6" AR	12612	220-240	25	0.11	1340 <sup>(1)</sup> 2040 <sup>(2)</sup>	235 <sup>(1)</sup> 150 <sup>(2)</sup>	65.3 <sup>(1)</sup> 41.7 <sup>(2)</sup>	37.5	50	2.07
VORTICE 150/6" AR LL S	14615	220-240	35	0.17	2110 <sup>(2)</sup> 2520 <sup>(1)</sup>	380 <sup>(2)</sup> 215 <sup>(1)</sup>	105.6 <sup>(2)</sup> 59.7 <sup>(1)</sup>	49.6	50	2.07
VORTICE 150/6" P LL S	12614	220-240	32	0.16	2110	380	105.6	46.9	50	2.07
VORTICE 230/9" P	12451	220-240	22	0.10	790	480	133	35.6	50	3.45
VORTICE 230/9" AR	12452	220-240	26	0.13	790 <sup>(1)</sup> 1080 <sup>(2)</sup>	480 <sup>(1)</sup> 310 <sup>(2)</sup>	133 <sup>(1)</sup> 86 <sup>(2)</sup>	35.6	50	3.45
VORTICE 230/9" P LL S	12454	220-240	32 (50 HZ) 38 (60 HZ)	0.18	1200	700	194.4	43.6	50	3.45
VORTICE 230/9" AR LL S	12455	220-240	35 (50 HZ) 40 (60 HZ)	0.19	1200 <sup>(1)</sup> 1300 <sup>(2)</sup>	700 <sup>(1)</sup> 370 <sup>(2)</sup>	194.4 <sup>(1)</sup> 102.8 <sup>(2)</sup>	43.6	50	3.45
VORTICE 300/12" AR	12412	220-240	45	0.21	840 <sup>(1)</sup> 1085 <sup>(2)</sup>	1050 <sup>(1)</sup> 700 <sup>(2)</sup>	292 <sup>(1)</sup> 194.4 <sup>(2)</sup>	40.2	50 (50 Hz) 40 (60 Hz)	6.13
VORTICE 300/12" AR LL S	12415	220-240	75 (50 HZ) 90 (60 HZ)	0.41	1215 <sup>(1)</sup> 1280 <sup>(2)</sup>	1650 <sup>(1)</sup> 920 <sup>(2)</sup>	458.3 <sup>(1)</sup> 255.6 <sup>(2)</sup>	53.6	50 (50 Hz) 40 (60 Hz)	6.13



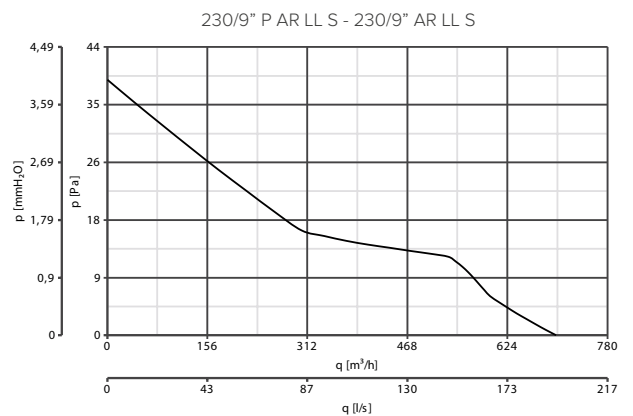
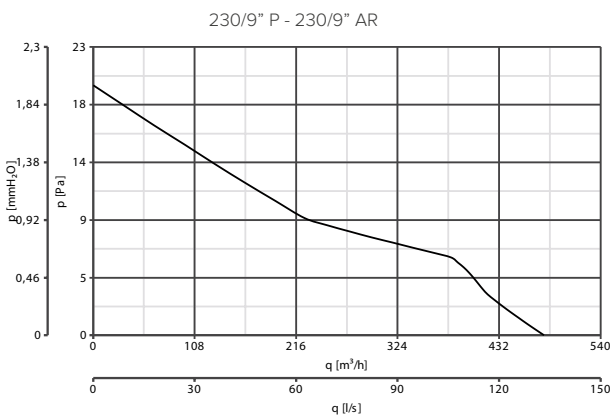
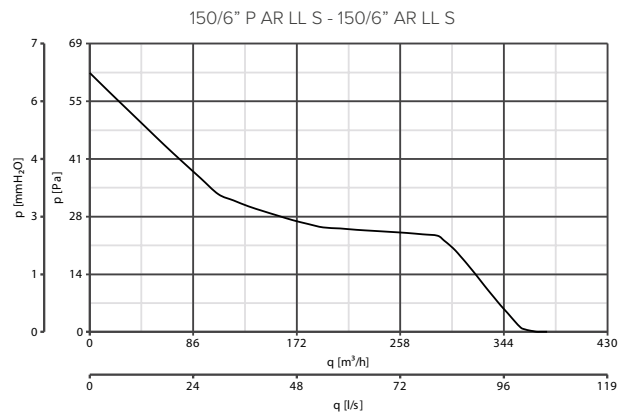
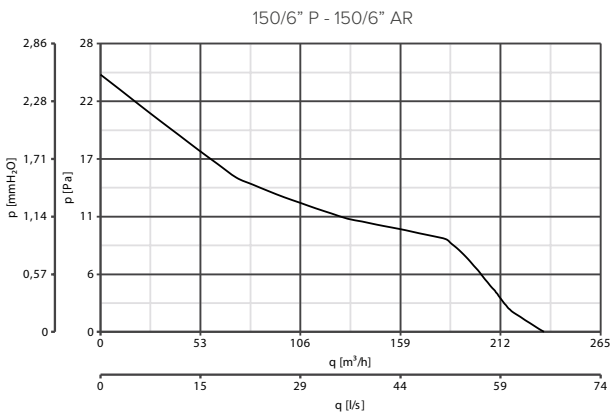
DIMENSIONS



MODELS	A	B	C	D	E MIN/MAX	HOLE DIA Ø
VORTICE 150/6"	215	218	31	97.5	2/38	185÷190
VORTICE 230/9"	294	297	31	130	2/38	257÷262
VORTICE 300/12"	390	393	31	147	2/38	324÷329

Dimensions (mm)

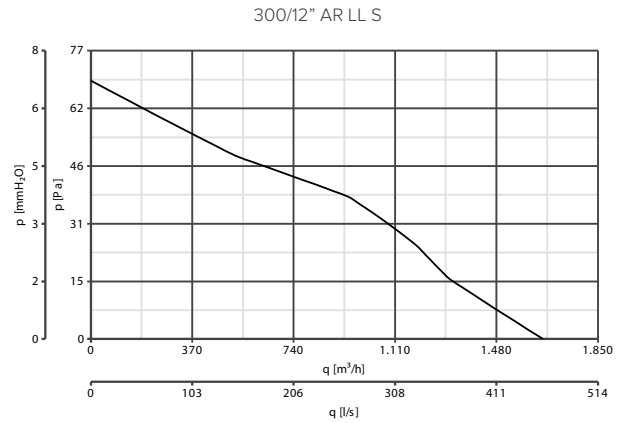
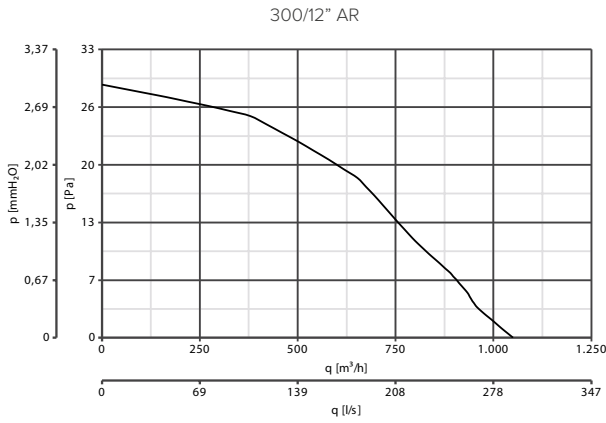
PERFORMANCE CURVES



— Power consumption — Delivery







PERFORMANCE CURVES







— Power consumption — Delivery

CONTROLLER

MODELS	DESCRIPTION	CODE	PRODUCTS
	<b>CR5N</b> - Reversible 5 speeds controller	12941	All products (not for code 12611 - 12451)
	<b>CREN</b> - Reversible 5 speeds controller	12944	All products (not for code 12611 - 12451)
	<b>C TEMP</b> - Environmental sensor for temperature	12992	All products (not for code 12611 - 12451)
	<b>C SMOKE</b> - Environmental sensor for air quality	12993	All products (not for code 12611 - 12451)
	<b>C HCS</b> - Environmental sensor for humidity	12994	All products (not for code 12611 - 12451)
	<b>C PIR</b> - Passive infrared sensor	12998	All products (not for code 12611 - 12451)
	<b>C TIMER</b> - Adjustable over-run timer	12999	All products (not for code 12611 - 12451)

ACCESSORIES ON REQUEST

MODELS	DESCRIPTION	CODE	PRODUCTS
	<b>KIT VV</b> - Double opening window kit	150/6"	12611 - 12612 - 12615 - 12614
		230/9"	12451 - 12452 - 12454 - 12455
		300/12"	12412 - 12415
	<b>KIT FF</b> - Double opening window kit	150/6"	12611 - 12612 - 12615 - 12614
		230/9"	12451 - 12452 - 12455
		300/12"	12412 - 12415
	<b>KIT TC</b> - Spigot plate remote application	150/6"	12611 - 12612 - 12615 - 12614
		230/9"	12451 - 12452 - 12454 - 12455
		300/12"	12412 - 12415
	<b>KIT MU</b> - Wall mounting kit with rods	13018	12611 - 12612 - 12451 - 12452 - 12455 12412 - 12415