

VORTICE VARIO I RANGE

Flush mounted axial fans **LONG LIFE 30.000 h**



Design: F. Trabucco & Associates



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

Key features

- Wide range of possible alternative installations (recessed, recessed with remote exhaust, recessed with remote exhaust from roof, false-ceiling, etc.) thanks to the optional accessories available.
- Easy, fast installation.
- Elegant, "Intel Design" and "Design Index Adi" award-winning design.
- Suitable for bathroom installation.

Version

3 models, with nominal diameter between 150 and 300 mm, reversible, driven by bearing motors, with automatic drive closing fins.

Technical features

- White, shock-proof, plastic resin (ABS) panels, prevents ageing caused by exposure to sunlight ("UV resistant").
- Black internal casings, moulded in shock-proof plastic resin and resistant to aggressive agents.
- Heat protected motors with shafts mounted on ball bearings to guarantee long lasting continuous service (at least 30,000 h) at the maximum plate temperature. Speed adjustment using VORTICE accessory devices. The direction of rotation can be reversed 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.
- Automatic drive exhaust duct closing fins to prevent unwanted inflows of air and bad odours when the device is switched off.
- 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

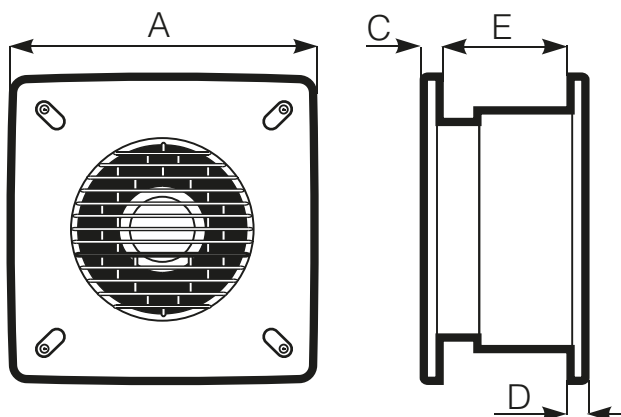
MODELS	CODE	V~50/60HZ	W max	A max	RPM max	MAX AIRFLOW		Lp dB(A)* 3m max	MAX °C**	KG
						m³/h	l/s			
VORTICE 150/6" ARI	12613	220-240	25	0.11	1330 ⁽¹⁾ 1880 ⁽²⁾	220 ⁽¹⁾ 130 ⁽²⁾	61.1 ⁽¹⁾ 36.1 ⁽²⁾	38.2	50	2.52
VORTICE 150/6" ARI LL S	12616	220-240	35	0.17	2080 ⁽¹⁾ 2460 ⁽²⁾	350 ⁽¹⁾ 200 ⁽²⁾	97.2 ⁽¹⁾ 55.6 ⁽²⁾	49.1	50	2.52
VORTICE 230/9" ARI	12453	220-240	26	0.13	810 ⁽¹⁾ 1080 ⁽²⁾	450 ⁽¹⁾ 300 ⁽²⁾	125 ⁽¹⁾ 83.3 ⁽²⁾	35.7	50	3.88
VORTICE 230/9" ARI LL S	12456	220-240	35 (50 Hz) 40 (60 Hz)	0.19	1160 ⁽¹⁾ 1260 ⁽²⁾	680 ⁽¹⁾ 350 ⁽²⁾	188.9 ⁽¹⁾ 97.2 ⁽²⁾	45.3	50	3.88
VORTICE 300/12" ARI	12413	220-240	45	0.21	850 ⁽¹⁾ 1150 ⁽²⁾	1200 ⁽¹⁾ 850 ⁽²⁾	333.3 ⁽¹⁾ 236.1 ⁽²⁾	40.7	50 (50 Hz) 40 (60 Hz)	7.20
VORTICE 300/12" ARI LL S	12416	220-240	75 (50 Hz) 90 (60 Hz)	0.41	1230 ⁽¹⁾ 1310 ⁽²⁾	1750 ⁽¹⁾ 1000 ⁽²⁾	486.1 ⁽¹⁾ 277.7 ⁽²⁾	53.5	50 (50 Hz) 40 (60 Hz)	7.20

⁽¹⁾ Intake - ⁽²⁾ Extract

Legend: P= Pull Cord, A= Automatic, R= Reversible, LL= Long Life, S= Performance boost.



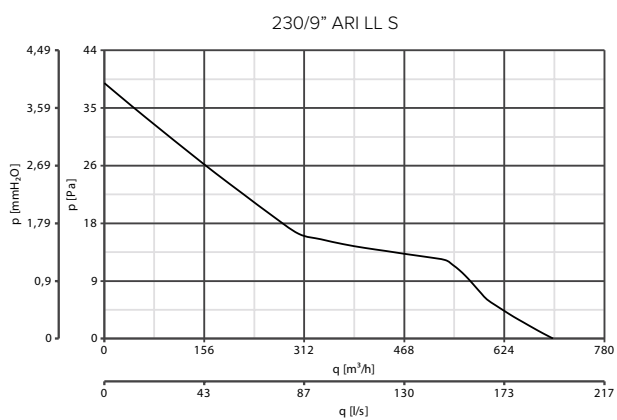
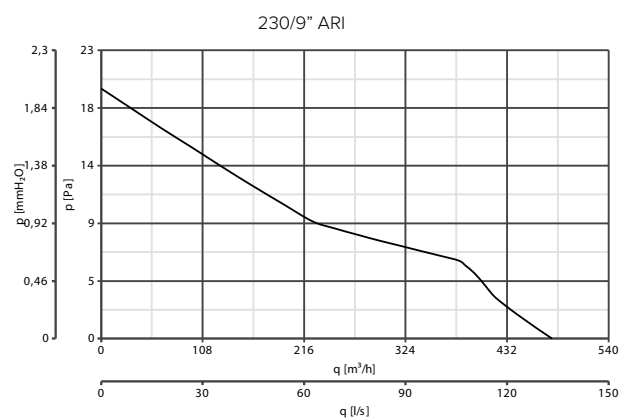
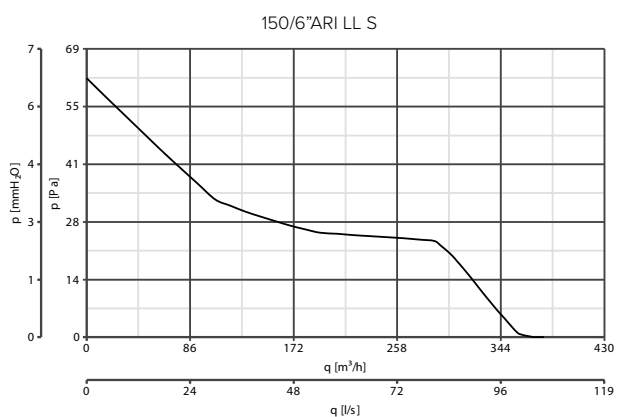
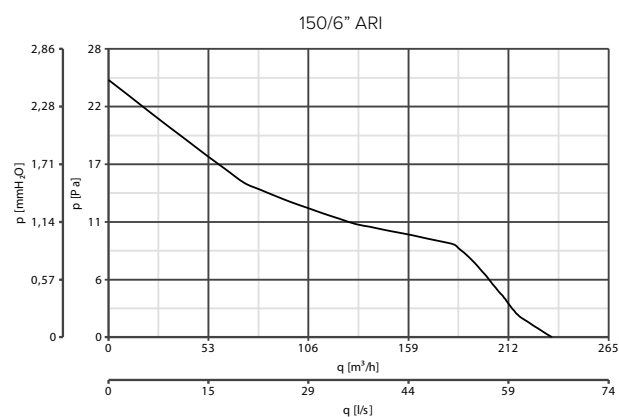
DIMENSIONS



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VORTICE 150/6" ARI	300	9.5	10.5	135	260÷265
VORTICE 230/9" ARI	400	10	11.0	180	335÷340
VORTICE 300/12"	495	10.5	11.5	210	435÷440

Quote in mm

PERFORMANCE CURVES

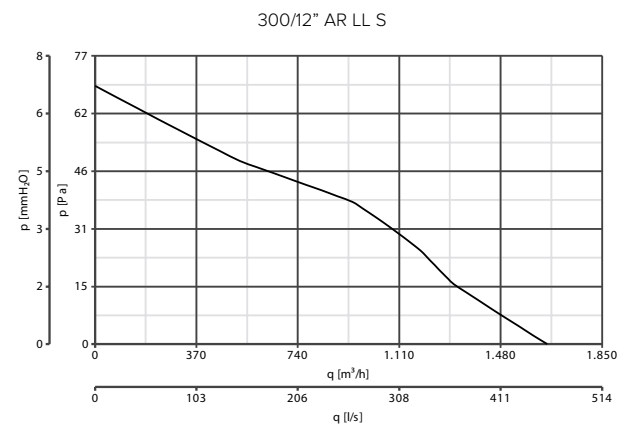
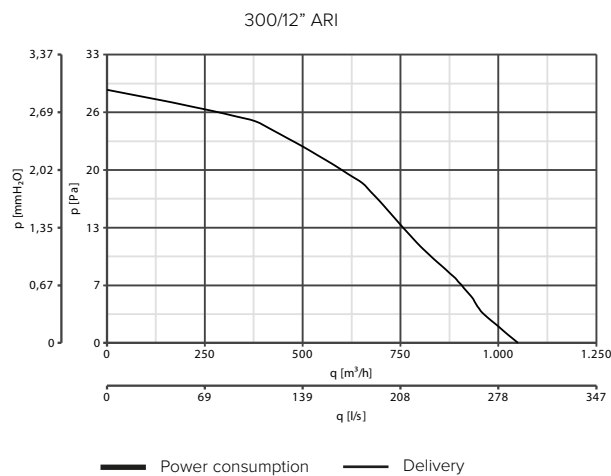


— Power consumption — Delivery

VORTICE VARIO I RANGE

FLUSH MOUNTED AXIAL FANS

PERFORMANCE CURVES



CONTROLLER

MODELS	DESCRIPTION	CODE	PRODUCT
	CR5N - Reversible 5 speeds controller	12941	All products
	CREN - Reversible 5 speeds controller	12944	All products
	C TEMP - Environmental sensor for temperature	12992	All products
	C SMOKE - Environmental sensor for air quality	12993	All products
	C HCS - Environmental seonsor for humidity	12994	All products
	C PIR - Passive infrared sensor	12998	All products
	C TIMER - Adjustable over-run timer	12999	All products

ACCESSORIES ON REQUEST

MODELS	DESCRIPTION	CODE	PRODUCT
	KIT ML - Deep wall installation kit	150/6"	12616 - 12613
		230/9"	12456 - 12653
		300/12"	12416 - 12413
	KIT TC - Spigot plate remote application	150/6"	12616 - 12613
		230/9"	12456 - 12653
		300/12"	12416 - 12413
	KIT SO - Ceiling, false ceiling and panel kit	150/6" 230/9"	12616 - 12456 - 12613 - 12653
		300/12"	12413 - 12416