

VORTICE VARIO I RANGE

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

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.
- High protection from water, suitable for use in Zone 1 bathroom installations and in the presence of high relative humidity.

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).



Design: F. Trabucco & Associates



TECHNICAL DATA

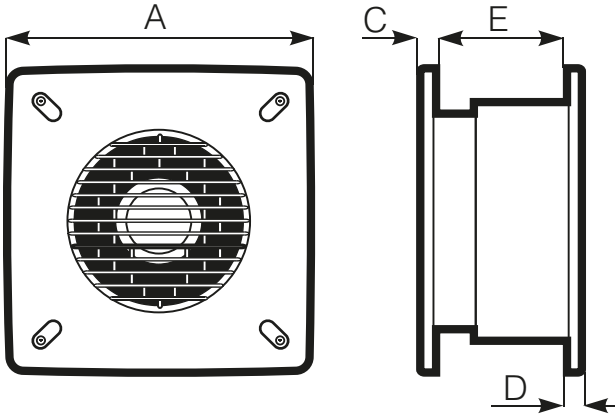
| MODELS | CODE | V~50/60HZ | W max | A max | RPM max | MAX AIRFLOW m ³ /h | l/s | Lp dB(A)* 3m max | MAX °C** | KG |
|--------------------------|-------|-----------|--------------------------|-------|--|--|--|---------------------|--------------------------|------|
| VORTICE 150/6" ARI | 12613 | 220-240 | 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.



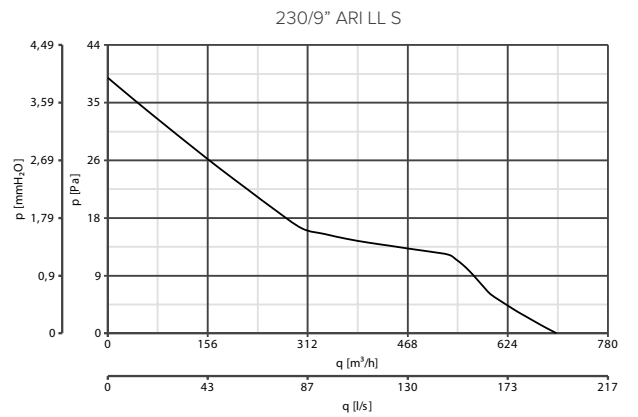
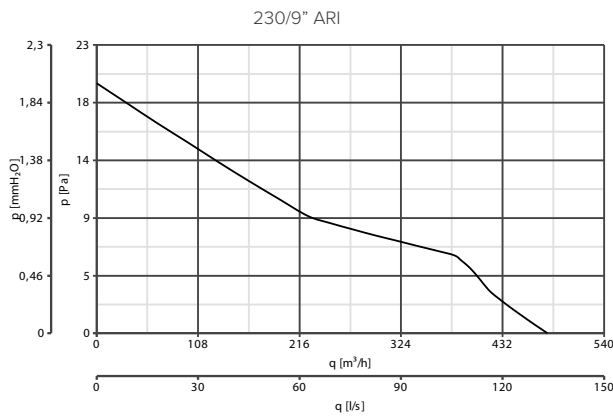
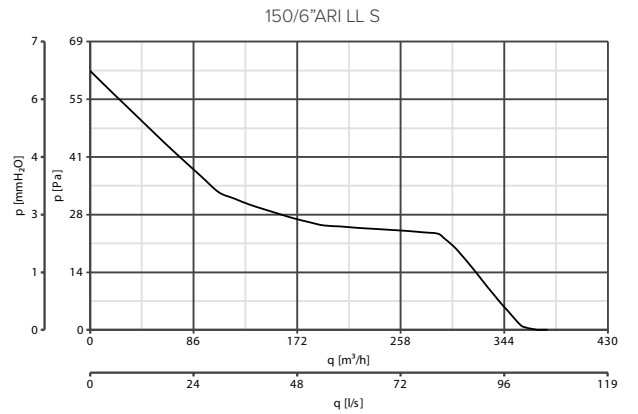
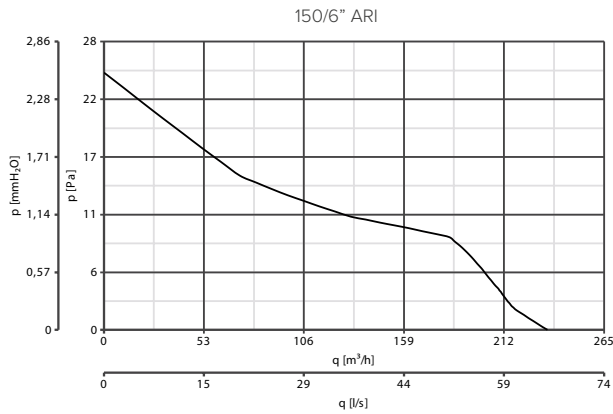
DIMENSIONS



| PRODOTTI | A | B | C | D | ØOLE DIA |
|--------------------|-----|------|------|-----|----------|
| 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



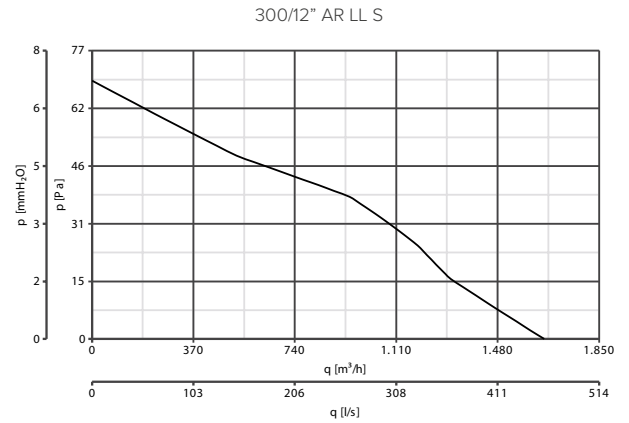
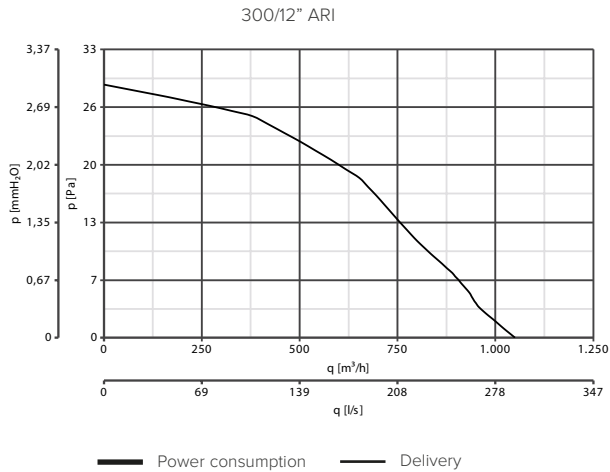
— Power consumption — Delivery



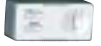
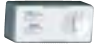


RESIDENTIAL VENTILATION

VORTICE VARIO I RANGE




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 sensor 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 | |
|--|--|---------|-------------------------------|---------------|
|  | 150/6" | 13015 | 12616 - 12613 | |
| | KIT ML - Deep wall installation kit | 230/9" | 13016 | 12456 - 12653 |
| | 300/12" | 13017 | 12416 - 12413 | |
|  | 150/6" | 13027 | 12616 - 12613 | |
| | KIT TC - Spigot plate remote application | 230/9" | 13028 | 12456 - 12653 |
| | 300/12" | 13029 | 12416 - 12413 | |
|  | 150/6" | 13012 | 12616 - 12456 - 12613 - 12653 | |
| | 230/9" | | | |
| | KIT SO - Ceiling, false ceiling and panel kit | 300/12" | 13014 | 12413 - 12416 |