

Technical Data Sheet

CODE 25043

VORT ARIASALUS 100

Centralized units for air purification and ventilation

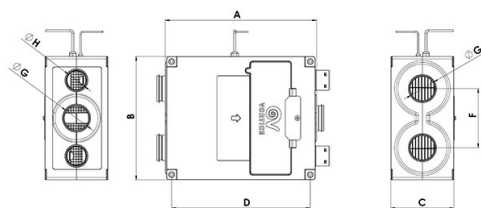


Certifications

TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Breakout sound power LWA at Min speed [dB (A)]	42
Insulation class	I°	Breakout sound pressure at 3m at Max speed Lp [dB (A)]	33
IP	X2	Breakout sound pressure at 3m at Mid speed Lp [dB (A)]	30
Max absorbed power (W)	35	Breakout sound pressure at 3m at Min speed Lp [dB (A)]	24
Motor class	130	Max airflow at Max speed (l/s)	46
Number of phases (Ph)	1	Max airflow at Max speed (m³/h)	164
Number of speeds	3	Max airflow at Mid speed (m³/h)	135
Voltage (V)	220-230	Max airflow at Min speed (l/s)	38
Weight (Kg)	6,3	Max pressure at Max speed (mmH2O)	16
Airflow at 1st speed (l/s)	28	Max pressure at Max speed (Pa)	152
Airflow at 1st speed (m³/h)	100	Max pressure at Mid speed (mmH2O)	14
Breakout sound power LWA at Max speed [dB (A)]	51	Max pressure at Mid speed (Pa)	140
Breakout sound power LWA at Mid speed [dB (A)]	47	Pressure at 1st speed (mmH2O)	12
		Pressure at 1st speed (Pa)	114

DIMENSIONS



Size A (mm)	590
Size B (mm)	480
Size C (mm)	246
Size D (mm)	540
Size E (mm)	440
Size F (mm)	230
Size G (mm)	∅
	100
Size H (mm)	∅
	77,5

PER INFORMAZIONI:

Servizio al Cliente: tel +39 02 90699395 premendo 1 dopo messaggio registrato (consulenza su prodotti e impianti)

Pre & Post Vendita: fax +39 02 90699302

Email prevendita: prevendita@vortice-italy.com

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DESCRIPTION

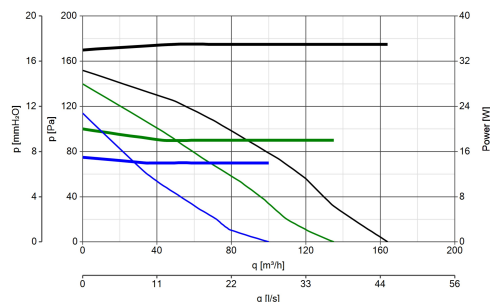
VORT ARIASALUS 100 is a centralized unit for the purification and ventilation of offices, shops, nursing homes and houses. The antibacterial and antiviral action exerted by the installed sanitization device, combined with the supply of external air, rich in oxygen and adequately filtered, ensure high levels of healthiness of the enslaved environments.

PRODUCT FEATURES:

- Casing in plastic resin (PPE), which are combined with the circular connection ports to the return and delivery pipes. To better adapt to installation needs, the main delivery outlet, with a nominal diameter of 100 mm, is flanked by two additional outlets, with a nominal diameter of 80 mm, which can be used in addition to / as an alternative to the main one.
- Non-return dampers for the selection of ventilation or purification mode.
- Centrifugal impeller with backward self-cleaning blades directly coupled to a 3-speed external rotor bearing motor, protected against thermal overloads and in insulation class B.
- 5-stage filtering section consisting of:
 - Resin anti-dust filter plastic (nylon)
 - ISO COARSE 90% filter (G4)

- EPA E11 absolute filter, capable of retaining up to 95% of the microparticulate (PM) with dimensions $\leq 0.3 \mu\text{m}$, corresponding to 0.3 thousandths of a mm, or 160 times smaller than the average thickness of a hair.
- Anti-TVOC filter.
- Photocatalysis module, effective against bad odors, bacteria and viruses in particular SARS-CoV-2. The effectiveness of the "Dust Free" technology adopted in VORT ARIASALUS is attested by tests conducted at the "Luigi Sacco" Department of Biomedical and Clinical Sciences of the University of Milan.
- Remote control panel with LCD display for:
 - The setting of the operating mode (positive ventilation or purification),
 - The weekly programming of the product operating intervals; it is possible to set, for each day of the week, up to 4 product operating intervals, each characterized by a specific performance value from those available,
 - The display of the time of day and day of the week,
 - The need to clean / replace the filters,
 - Indication of the need for periodic (on average every 2 years) replacement of the UV lamp of the photocatalysis module.

CURVES



ACCESSORIES



**2FTR-ISO
COARSE 90%
(G4)
418X209X20**
Code 13044



**FTR H11
418X209X48**
Code 13045



**2FTR-TVOC
418X209X7**
Code 13046



**CB LCD W
ARIASALUS**
Code 12899

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