

ARIETT I RANGE

Centrifugal duct fans for flush mounting **LONG LIFE 30.000 h**

Centrifugal duct fans for recessed installation in correspondence with walls and ceilings, particularly suitable for the ventilation of windowless bathrooms and, more generally, of small or medium-size residential and commercial premises whose layout requires ducting of the exhaust.

Key features

- Ultra-flat grille that minimises the aesthetic impact of the product
- With the use of appropriate optional accessories, possible installation in high false ceilings.
- Possibility of rear or side exhaust for increased installation flexibility
- Suitable for bathroom installation.
- Sealed non-return valve to prevent unwanted inflows of air and bad odours when the device is switched off.

Version

2 models, also available in version with timer.

Technical features

- White, shock-proof, plastic resin (ABS) casings and front grilles, resistant to ageing caused by exposure to sunlight ("UV resistant").
- Recessed boxes with rear exhaust, pre-set for vertical exhaust thanks to special nozzles provided as standard or for vertical exhaust using an optional flow diverter.
- Shaded pole motors, heat protected, with shafts mounted on ball bearings to guarantee long lasting (at least 30,000 h) continuous service at the maximum plate temperature. Speed adjustment using VORTICE accessory devices.
- Forward-curved centrifugal impeller moulded in plastic resin, resistant to aggressive agents.
- Non-return valves to prevent unwanted inflows of air and bad odours when the device is switched off
- T model equipped with electronic timer for automatic product switch-off after a pre-fixed period of time, which can be set in the installation phase, from 3'-20' (default setting 3').
- 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~50HZ	W max	A max	RPM max	MAX AIRFLOW		MAX PRESSURE		Lp dB(A)* 3m max	MAX °C	KG
	BASIC	TIMER					m³/h	l/s	mmH ₂ O	Pa			
ARIETT LL I	12010	-	230	19	0.13	2360 ¹ 2460 ²	80 ¹ 70 ²	22.2 ¹ 19.4 ²	11	108	40	40	1.90
ARIETT LL I T	-	12011	230	19	0.13	2360 ¹ 2460 ²	80 ¹ 70 ²	22.2 ¹ 19.4 ²	11	108	40	40	1.90

¹Rear air outlet. ²Side air outlet with high profile.

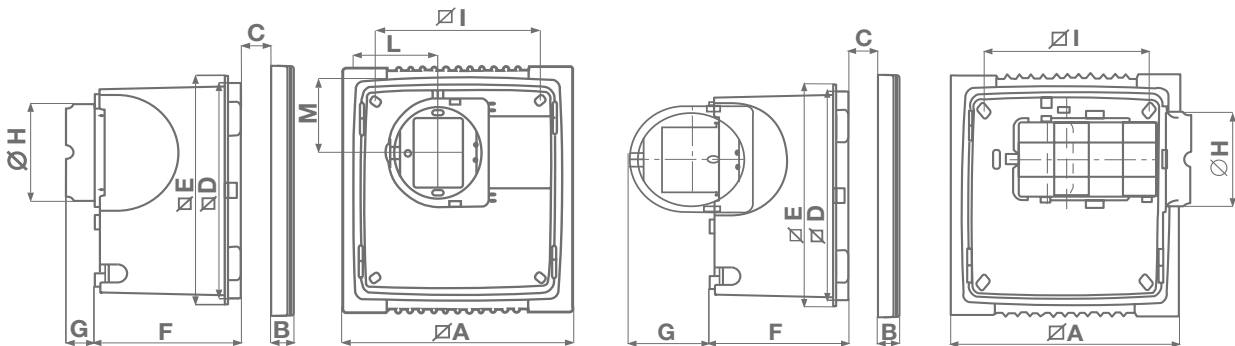


ARIETT I RANGE | TECHNICAL DATA FOR REGULATION N° 1254/2014/UE

	UNIT OF MEASURE	ARIETT LL I - ARIETT LL I T
Supplier's name or trade mark	-	VORTICE
Specific Energy Consumption class SEC in average climate zone	-	NA
Specific Energy Consumption class SEC average	-	-5.3
Specific Energy Consumption class SEC cold	kWh/m ² year	-18.6
Specific Energy Consumption class SEC warm	-	-2,4
Declared typology	-	RVU-U*
Type of drive	-	NA
Type of heat recovery system HRS	-	none
Thermal efficiency of heat recovery at reference air flow	%	NA
Maximum flow rate	m ³ /h	72
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	W	13.75
Sound power level LWA	LWA [DB(A)]	64
Reference flow rate	m ³ /s	0.0140
Reference pressure difference	Pa	72
SPI	W/(m ³ /h)	0.25198
Control factor CTRL	-	1
Control typology	-	manual
Maximum internal leakage rates	%	NA
Maximum external leakage rates	%	NA
Mixing rate	-	NA
Position and description of visual filter warning	-	NA
Airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	-	NA
Indoor/outdoor air tightness	m ³ /h	NA
Annual electricity consumption (AEC)	kWh electricity/year	347
AHS average Annual heating saved	-	1397
AHS cold Annual heating saved	kWh primary energy/year	2732
AHS warm Annual heating saved	-	632

* RVU-U: Unit Ventilation Residential - Unidirectional
 ** NRVU-U: Unit Ventilation Non Residential - Unidirectional
 *** MSD: Multi-Speed Drive
 NA: Not applicable

DIMENSIONS



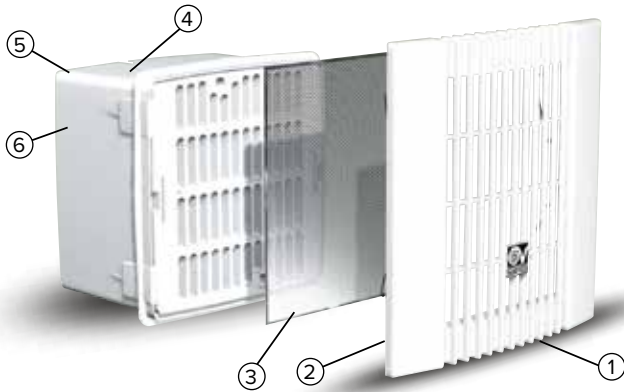
MODELS	∅ A	B	C	∅ D	∅ E	F	G	H	∅ I	L	M
ARIETT LL I	252	23	65	214,5	228	135,5	31,5 76,7	96,5	180	92	76

Dimmesions (mm)



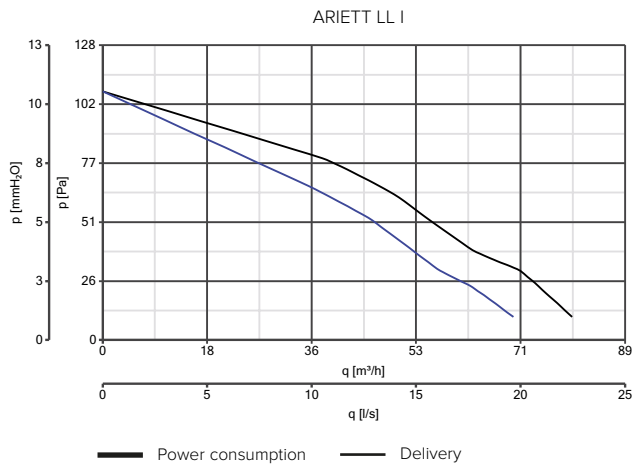
ARIETT I RANGE
CENTRIFUGAL DUCT FANS FOR FLUSH MOUNTING

MAIN COMPONENTS





- ① Unobtrusive front grille.
- ② Support springs for the front grille, suitable for 65 mm max false ceilings.
- ③ Metallic filter which can be removed and washed (dishwasher safe) (available on LL version models only).
- ④ Made of rigid synthetic resin to guarantee high durability.
- ⑤ 100 mm dia. Outlet spigot which can be positioned to the rear or side (using optional accessories).
- ⑥ Backdraught-shutter to avoid back-flow when unit is turned off.




PERFORMANCE CURVES



CONTROLLER

MODELS	DESCRIPTION	CODE	PRODUCT
	C 1.5 - Electronic speed controller 1.5 A	12966	12010
	SCNRB - Electronic speed controller built-in	12971	ALL PRODUCTS
	SCB KIT - Built-in controller adaptor for C 1.5	22481	12966

ACCESSORIES ON REQUEST

MODELS	DESCRIPTION	CODE	PRODUCT	
	AIR DEFLECTOR	100/4	22310	ALL PRODUCTS
	HORIZONTAL OUTLET - HIGH PROFILE		22841	ALL PRODUCTS
	FALSE-CEILING/WALL INSTALLATION KIT		22823	ALL PRODUCTS