

PUNTO EVO GOLD RANGE

WALL AXIAL FANS



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Wall axial fans **LONG LIFE 30.000 h**

Wall, ceiling and false-ceiling axial fans, ideal for ventilation in small and medium-size residential and commercial premises, also in the presence of medium length exhaust ducts, characterised by a metallic mirror finish.

Key features

- Silver, gold, copper and black metallic mirror finish
- Very low noise emissions for high comfort of use.
- Very high (IP45) protection rating from dust and water jets, exceeding the requirements of use in Zone 1 bathroom installations.
- 2-speed motors designed to ensure low consumption.
- Sealed non-return valves to prevent unwanted inflows of air and bad odours when the device is switched off.
- Reduced exhaust sleeve depth, compatible with installation immediately upstream of a 90° bend.

Version

- 8 models, with nominal diameter 100 and 120 mm, in silver (White Gold), gold (Yellow Gold), copper (Rose Gold) and black (Black Gold).

Technical features

- Shock-proof plastic resin (ABS) structure with metallic mirror finish obtained through advanced technologies providing attractive and distinctive style, durability and wear resistance.
- Shaded pole motors, heat protected, 2-speed 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.
- Helico-centrifugal impellers optimised to ensure high performance, low consumption and low noise emissions, when coupled with underlying flow conditioners.
- Air-tight butterfly valve on the delivery spigots, to prevent unwanted inflows of air and bad odours when the device is switched off.
- Protection rating from dust and water: IP45.
- Class of electric isolation: II □ (earthing not required).

RANGE

		PUNTO EVO Gold YELLOW GOLD	PUNTO EVO Gold PINK GOLD	PUNTO EVO Gold BLACK GOLD	PUNTO EVO Gold WHITE GOLD
Diam.					
Ø100	BASIC LONG LIFE	11306 ME 100/4" LL	11307 ME 100/4" LL	11308 ME 100/4" LL	11309 ME 100/4" LL
	TIMER LONG LIFE	11316 ME 100/4" LL T	11317 ME 100/4" LL T	11318 ME 100/4" LL T	11319 ME 100/4" LL T



The **Basic version** is equipped with a 2-speed PCB.



T models equipped with electronic timer for automatic product switch-over from maximum to minimum speed after a pre-fixed period of time after your switch the light off. The delay can be set in the installation phase from 3'-20' (default setting 3'). Alternatively, if the device has been wired to operate at a single speed, the timer determines its delayed stop.



TECHNICAL DATA

MODELS	V~50HZ	W min/max	A min/max	RPM min/max	MAX AIRFLOW		MAX PRESSURE		Lp dB(A)* 3m min/max	Lw dB(A) 3m min/max	MAX °C**	KG
					m³/h min/max	l/s min/max	mmH ₂ O min/max	Pa min/max				
ME 100/4" LL	220-240	5 9	0.039 0.052	1700 2240	65 95	18.1 26.4	2.5 4.7	24.52 46.09	20.8 26.9	41.3 47.4	50	0.60

PUNTO EVO gold RANGE | TECHNICAL DATA FOR REGULATION N° 1254/2014/UE

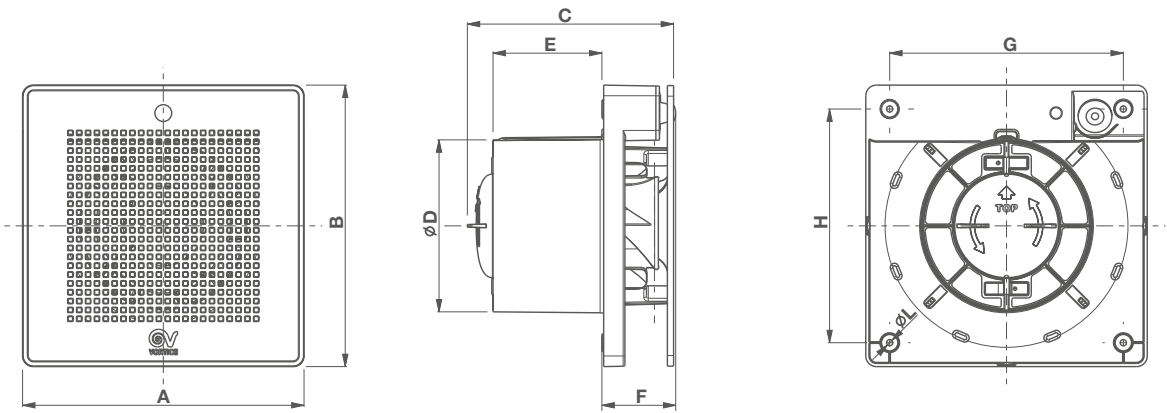
	UNIT OF MEASURE	ME 100/4" LL
Supplier's name or trade mark	-	VORTICE
Specific Energy Consumption class SEC in average climate zone	-	NA
Specific Energy Consumption class SEC average		-9.9
Specific Energy Consumption class SEC cold	kWh/m² year	-23.2
Specific Energy Consumption class SEC warm		-2.2
Declared typology	-	RVU-U*
Type of drive	-	NA*
Type of heat recovery system HRS	-	assente
Thermal efficiency of heat recovery at reference air flow	%	NA*
Maximum flow rate	m³/h	93
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	W	8.1
Sound power level LWA	LWA [DB(A)]	68
Reference flow rate	m³/s	0.0181
Reference pressure difference	Pa	22
SPI	W/(m³/h)	0.11828
Control factor CTRL	-	1
Control typology	-	manuale
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	m³/h	NA
Annual electricity consumption (AEC)	kWh electricity/year	163
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
 ** NRUVU-U: Unit Ventilation Non Residential - Unidirectional
 *** MSD: Multi-Speed Drive
 NA: Not applicable



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DIMENSIONS



MODELS	A	B	C	Ø D	E	F	G	H	Ø L
ME 100/4" LL	159	159	116.5	98	61.5	40.5	132	132	3.5

Dimensions (mm)

PERFORMANCE CURVES

