

PUNTO GHOST RANGE

AXIAL DUCT FANS

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Axial duct fans

LONG LIFE 30.000 h

Ideal for ventilation in small and medium-size residential and commercial premises whose layout allows for direct exhaust or exhaust in short length pipes. Also suitable for distributing heat between adjacent rooms.

Key features

- Small axial dimensions, compatible with insertion inside dividing walls set between adjacent rooms.
- Suitable for bathroom installation.
- Highly flexible horizontal and vertical installation inside walls and ceilings

Version

- 4 models, also in timer version, with nominal diameter between 90 and 150 mm.

Technical features

- White, shock-proof, plastic resin (ABS) panels, prevents ageing caused by exposure to sunlight ("UV resistant").
- Shaded pole motors, heat protected, with shafts mounted on bushings with self centring and self-lubricating neck to guarantee silent, reliable operation for a duration consistent with the destination of use of the products. Speed adjustment using VORTICE accessory devices.
- Axial impellers with airfoil shaped blades to combine high performance with low noise emissions.
- MG 90/3.5" T models equipped with electronic timer for automatic product switch over 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 $\square$ (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			
MG 90/3.5"	11110	11111	220-240	18	0,10	2450	65	18	2,1	21	38	40	0,40
MG 100/4" LL	11100	11101	220-240	18	0,10	2415	80	22,2	2,6	25	39	40	0,43
MGK 100/4" LL	11106	-	220-240	18	0,10	2415	80	22,2	2,6	25	39	40	0,90
MG 120/5"	11116	-	220-240	20	0,12	2250	160	44	4,5	44	43	50	0,56
MG 120/5" LL	11102	11103	220-240	20	0,12	2250	160	44,4	4,5	44	43	50	0,56
MG 150/6"	11117	-	220-240	30	0,18	2200	89	89	7,0	69	48	50	0,80
MG 150/6" LL	11104	11105	220-240	30	0,18	2200	88,9	88,9	7,0	69	48	50	0,80



PUNTO GHOST range | Technical Data for Regulation N° 1254/2014/UE

	UNIT OF MEASURE	MG 90/3,5" MG 100/4"	MG 120/5"	MFO 150/6"
Supplier's name or trade mark	-	VORTICE	VORTICE	VORTICE
Specific Energy Consumption class SEC in average climate zone	-	NA*	NA*	NA*
Specific Energy Consumption class SEC average		-5,4	-7,6	-10,0
Specific Energy Consumption class SEC cold	kWh/m ² year	-18,8	-21,0	-23,4
Specific Energy Consumption class SEC warm		2,2	0,0	-2,4
Declared typology	-	RVU-U*	RVU-U*	RVU-U*
Type of drive	-	NA	NA	NA
Type of heat recovery system HRS	-	none	none	none
Thermal efficiency of heat recovery at reference air flow	%	NA*	NA*	NA*
Maximum flow rate	m ³ /h	77	157	311
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	W	13,7	20,5	25,0
Sound power level LWA	LWA [DB(A)]	60	64	69
Reference flow rate	m ³ /s	0,0150	0,0305	0,0605
Reference pressure difference	Pa	14	18	30
SPI	W/(m ³ /h)	0,24861	0,18471	0,11484
Control factor CTRL	-	1	1	1
Control typology	-	manual	manual	manual
Maximum internal leakage rates	%	NA	NA	NA
Maximum external leakage rates	%	NA	NA	NA
Mixing rate	-	NA	NA	NA
Position and description of visual filter warning	-	NA	NA	NA
Airflow sensitivity to pressure variations at + 20 Pa and – 20 Pa	-	NA	NA	NA
Indoor/outdoor air tightness	m ³ /h	NA	NA	NA
Annual electricity consumption (AEC)	kWh electricity/year	343	255	158
AHS average Annual heating saved		1397	1397	1397
AHS cold Annual heating saved	kWh primary energy/year	2732	2732	2732
AHS warm Annual heating saved		632	632	632

* RVU-U: Unit Ventilation Residential - Unidirectional

** NRUVU-U: Unit Ventilation Non Residential - Unidirectional

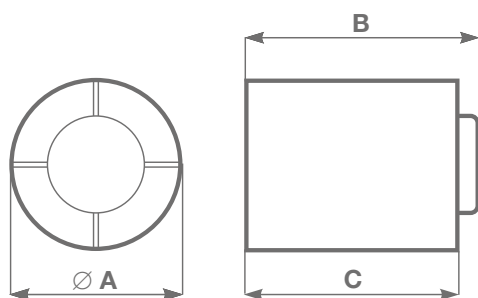
*** MSD: Multi-Speed Drive

NA: Not applicable

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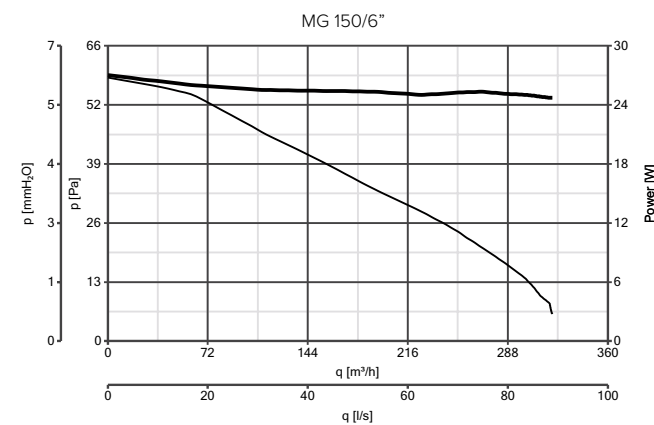
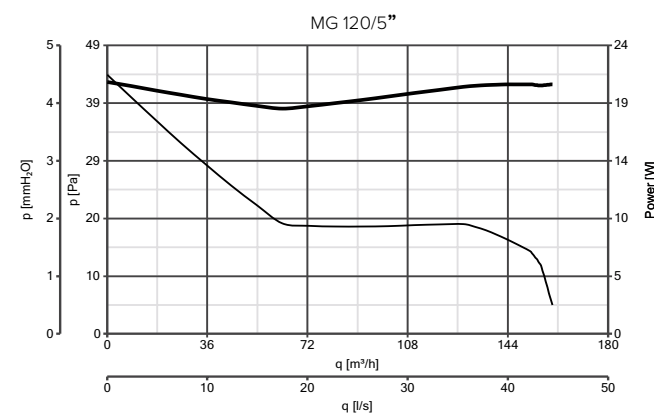
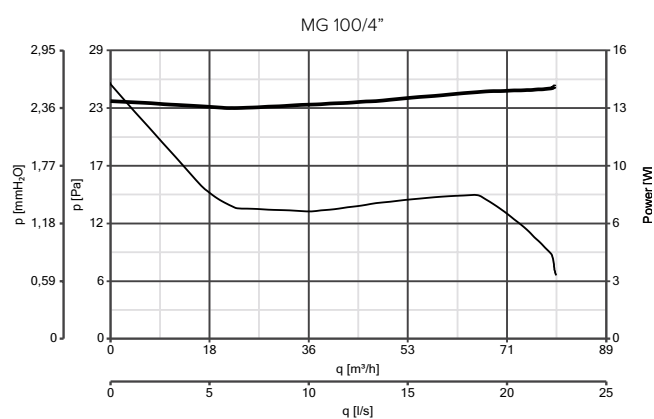
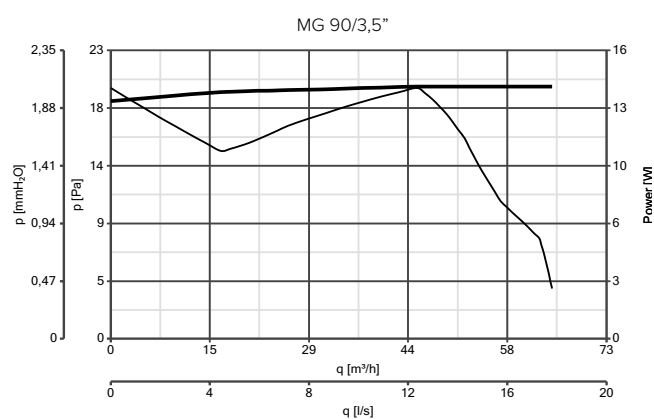
DIMENSIONS



MODELS	$\varnothing A$	B	C
MG 90/3.5"	92.5	92	89
MG 90/3.5" T	92.5	96.5	89
MG 120/5"	119	103	100
MG 150/6"	155	110	107

Dimensions (mm)

PERFORMANCE CURVES



— Power consumption — Delivery