




Design: F. Trabucco & Associates



PUNTO FOUR RANGE

Wall axial fans

For intermittent or continuous ventilation of bathrooms, toilets, kitchens or utility rooms in domestic or commercial properties.

- **6 models:** from 90 to 120 diameters, with or without timer.
- Body made of ABS plastic anti-UV.
- Integral backdraught shutter.
- Timer models adjustable between 3 and 20 minutes.
- Standard models can be speed regulated.
- Easy to clean and to maintain.
- Ceiling installation and wall installation.
- Protection rating: IPX4.
- Insulation class: II .

TECHNICAL DATA

MODELS	CODE		V~50Hz	W	A	RPM	MAX AIRFLOW		MAX PRESSURE		Lp dB(A) 3 m	MAX °C	Kg
	BASIC	TIMER					m³/h	l/s	mmH₂O	Pa			
MFO 90/3.5"	11143	11144	230 - 240	14	0.08	2540	65	18	2.5	25	29.6	50	0.6
MFO 100/4"	11145	11146		15	0.09	2400	85	24	3	29	33.1		
MFO 120/5"	11147	11148		20	0.12	2240	175	49	5	49	39.1		



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

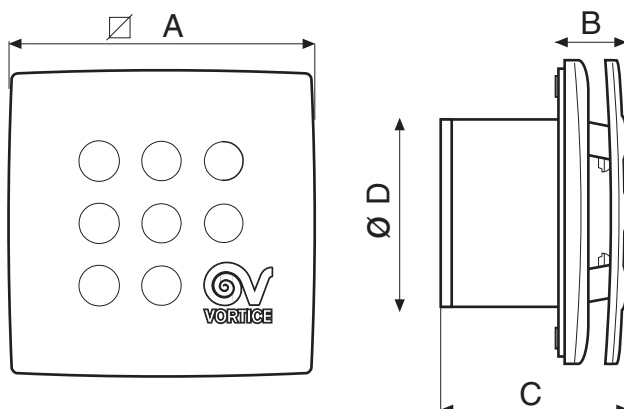
Models Code	Unit of measurement	MFO 90/3,5" MFO 90/3,5" T 11143 - 11144	MFO 100/4" MFO 100/4" T 11145 - 11146	MFO 120/5" MFO 120/5" T 11147 - 11148
Supplier's name or trade mark	-	Vortice	Vortice	Vortice
Specific Energy Consumption class SEC in average climate zone	-	NA	NA	NA
Specific Energy Consumption class SEC average	kWh/m²a	-2,1	-4,1	-8,9
Specific Energy Consumption class SEC cold		-15,5	-17,5	-22,3
Specific Energy Consumption class SEC warm		5,6	3,5	-1,3
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	m³/s	54	68	171
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate	W	12,9	14,0	18,5
Sound power level LWA	LWA [dB(A)]	50	54	60
Reference flow rate	m³/s	0,0104	0,0132	0,0333
Reference pressure difference	Pa	19	14	19
SPI	W/(m³/h)	0,34446	0,28571	0,14620
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	m³/h	NA	NA	NA
Indoor/outdoor air tightness	-	NA	NA	NA
Annual electricity consumption (AEC)	kWh electricity/a	475	394	201
AHS average Annual heating saved	kWh primary energy/a	1397	1397	1397
AHS cold Annual heating saved		2732	2732	2732
AHS warm Annual heating saved		632	632	632

* RVU-U: Unit Ventilation Residential - Unidirectional

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

*** MSD: Multi-Speed Drive

DIMENSIONS



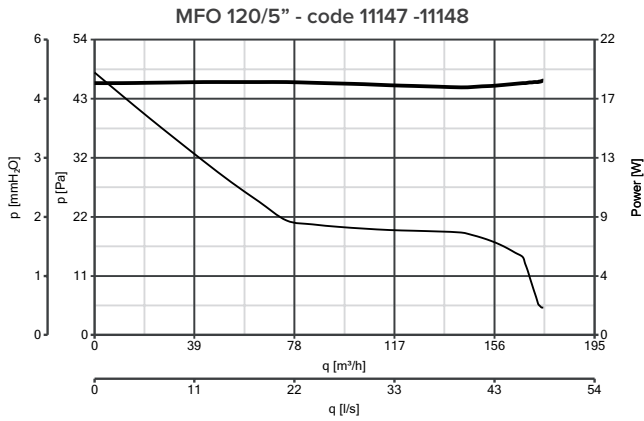
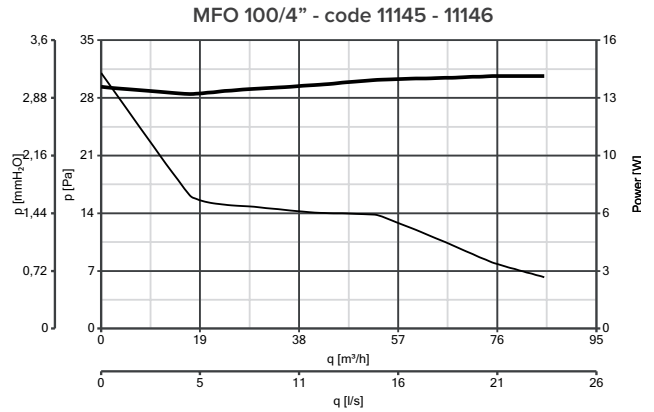
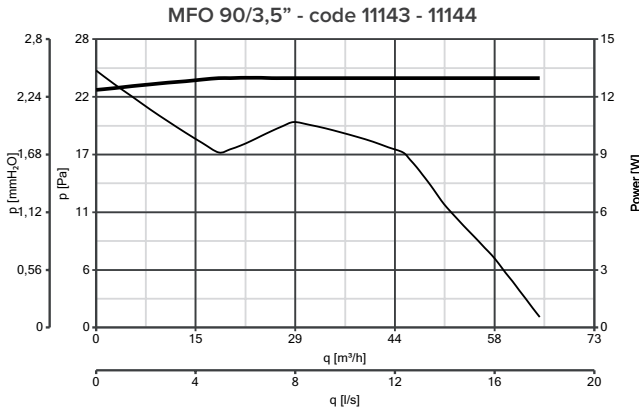
MODELS	∅ A	B	C	∅ D
MFO 90/3,5"	158	37	97	92,4
MFO 100/4"				98,4
MFO 120/5"	178	42,3	114	118,9

Dimensions (mm)






PERFORMANCE CURVES

Power consumption Delivery



ACCESSORIES ON REQUEST

MODELS	DESCRIPTION	CODE	PRODUCT
	C 1.5 Electronic speed controller 1.5 A	12966	11143 - 11145 - 11147
	SCB KIT Built-in controller adaptor for C 1.5	22481	12966
	SF KIT - Ceiling kit	90 - 100	22162 11143 - 11144 - 11145 - 11146
		120	22163 11147 - 11148

Accessories on request (description and technical data on page 158)



APPLICATIONS

