

**LONG life 30 000h**



## Domestic fans, MM series

These are designed for continuous or timed ventilation of small and medium-size living premises, as well as sanitary and sales premises.

They are mounted onto walls, ceilings and ceiling panels. They can be used between neighboring rooms as heat exchangers.

There are varieties that can be used to directly dispose polluted air into the atmosphere or intake fresh air into the premises.

The varieties available are: MM 100/50, MM 100/105, MM/120 and MM 150.

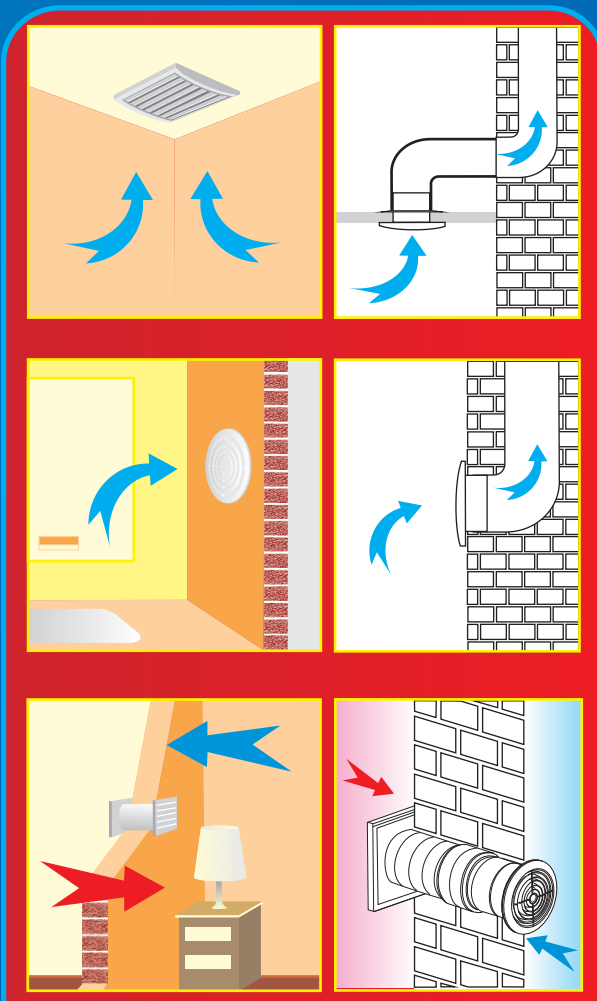
The ventilators of the MM series are available in 8 different models with or without an automatic back valve.

A noiseless electrical motor is built inside the aspirator with double capsulated ball bearings, which guarantee 30,000 hours flawless operation of the device when mounted in a horizontal or vertical position.

The body, the turbine, and the back valve are manufactured from high-quality plastic material.

The impeller of the electrical motor is manufactured from an aluminum alloy or a heat-resistant material which guarantees better cooling and higher fire safety.

The IP 32 protection degree allows the ventilator to operate in high humidity and aggressive environment.



The ventilators are mounted on ceilings, walls, and inside walls. They can be used in neighboring rooms as heat exchangers.



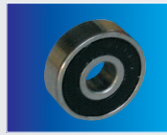
Back valve with an air grid.



The "Butterfly" back valve prevents the inflow of cold air and insects when the aspirator is switched off.



A disc enables fast and easy installation to suspending ceilings.



Double capsulated ball bearings guarantee 30,000 hours of flawless operation.

# Technical characteristic



	Hz / V	W	A	min <sup>-1</sup>	m <sup>3</sup> /h	Pa	dB	IP	Kg
MM - 100/60	50 / 220	16	0,095	2500	60	55	35,5	32	0,3
MM - 100/60	50 / 380	15	0,055	2500	60	55	35,5	32	0,3
MM - 100/60	50 / 115	15	0,182	2500	60	55	35,5	32	0,3
MM - 100/60	60 / 220	14	0,085	3000	70	71	36	32	0,3



	Hz / V	W	A	min <sup>-1</sup>	m <sup>3</sup> /h	Pa	dB	IP	Kg
MM - 100/105	50 / 220	16	0,110	2750	105	62	37	32	0,45
MM - 100/105	50 / 380	16	0,063	2750	105	62	37	32	0,45
MM - 100/105	50 / 115	16	0,210	2750	105	62	37	32	0,45
MM - 100/105	60 / 220	15	0,200	3300	120	80	38	32	0,45

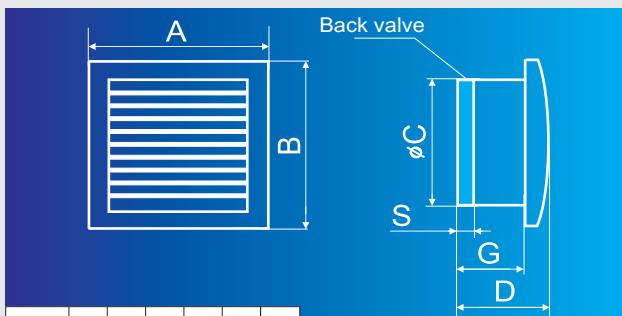
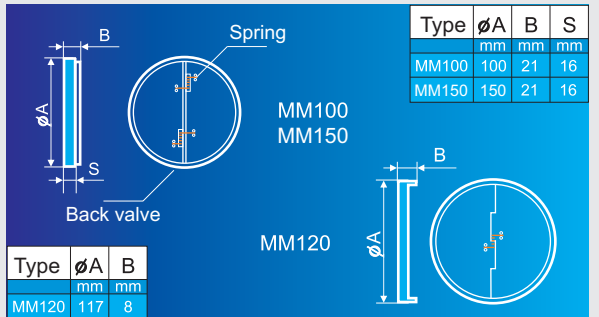
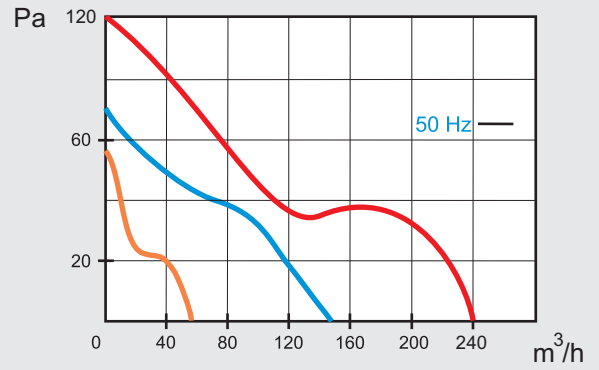
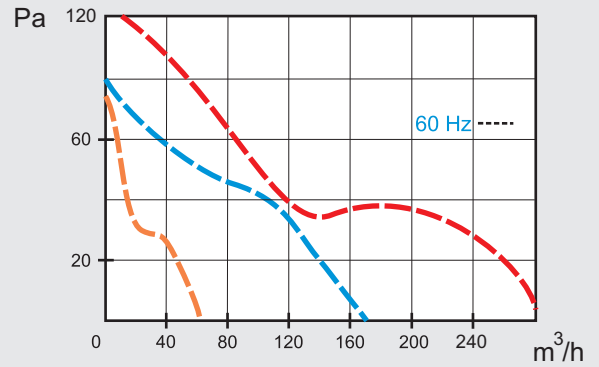


	Hz / V	W	A	min <sup>-1</sup>	m <sup>3</sup> /h	Pa	dB	IP	Kg
MM - 120	50 / 220	18	0,125	2650	150	75	39	32	0,6
MM - 120	50 / 380	18	0,073	2650	150	75	39	32	0,6
MM - 120	50 / 115	18	0,255	2650	150	75	39	32	0,6
MM - 120	60 / 220	17	0,115	3200	170	95	39,5	32	0,6

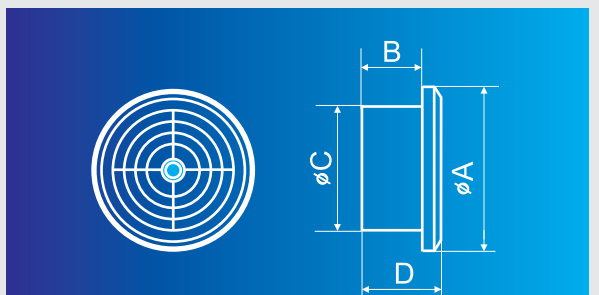
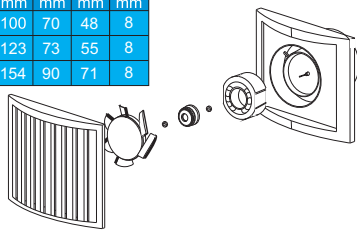


	Hz / V	W	A	min <sup>-1</sup>	m <sup>3</sup> /h	Pa	dB	IP	Kg
MM - 150	50 / 220	46	0,385	2650	240	110	46	32	1,2
MM - 150	50 / 380	46	0,224	2650	240	110	46	32	1,2
MM - 150	50 / 115	45	0,721	2650	240	110	46	32	1,2
MM - 150	60 / 220	40	0,385	3200	290	130	47	32	1,2

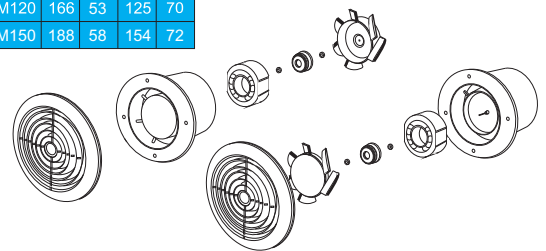
All fans can be manufactured with a 60 Hz frequency and the remaining characteristics can undergo minor changes.



Type	A	B	∅C	D	G	S
MM100	149	150	100	70	48	8
MM120	188	200	123	73	55	8
MM150	188	200	154	90	71	8



Type	∅A	B	∅C	D
MM100	145	44	100	58
MM120	166	53	125	70
MM150	188	58	154	72



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