

LONG life 30 000h

Domestic Fans MM Series:

(MM 100; MM 120; MM 150)

The MM Series axial fans are suitable for a wide range of domestic purposes including bathrooms, shower rooms, lavatories, cloakrooms, including zones 1 & 2. Also suitable for small to medium living, office or commercial premises.

All our MM series fans are fitted with noiseless high efficiency double insulated motors, which are totally maintenance free and sealed for life.

The embedded Long Life double capsulated ball bearings guarantee smooth running for over 30 000 hours of continuous operation.

The degree of protection IP 44 provides safe and reliable operation in high humidity and aggressive environment.

Stylish and easy to install, the MM series fans are available in a variety of operational specifications, while also our production process enables almost unlimited flexibility to adjust our products in compliance with the specific requirements of our customers.

If you need a fan for your sauna or steam room, please look at our High Temperature **MM-S** series.

The MM Series fan selection:

MM

Standard model




Connects to the light switch or to a separate pull-cord switch.

Options:

- With square or round grille
- With or without anti-back draught shutter

MM-C

With Integrated sensor cord switch




The fan will switch on/off each time the integrated sensor cord is touched.

Options:

- With square grille
- With or without anti-back draught shutter

MM-IR

With integrated infra-red switch




An infra-red beam is directed vertically from the lower part of the fan. The fan will switch on/off each time the infra-red beam is intercepted.

Options:

- With square grille
- With or without anti-back draught shutter

MM-T

Timer Model



The fan will operate when the light switch is switched on or from a separate pull-cord switch. The built-in timer will ensure operation for five minutes after the light is switched off.

Options :

- Connects to the light switch or to a separate pull-cord switch
- With integrated sensor cord switch
- With integrated infra-red switch
- With square grille
- With or without anti-back draught shutter

MM-LRT

With Light Relay and Timer



The fan will operate when the room is lit while the built-in timer ensures operation for five minutes after the light is switched off.

Options:

- With square grille
- With or without anti-back draught shutter

MM T-HCS

With Humidity Control System and Timer



The fan will operate when it is switched on or when the humidity in the premises reaches over 70%. The timer ensures operation for five minutes after the humidity falls below 70%.


Options:

- Connects to the light switch or to a separate pull-cord switch
- With integrated sensor cord switch
- With integrated infra-red switch
- With square grille
- With or without anti-back draught shutter



The double capsulated ball bearings guarantee 30 000 hours of continuous operation.

Modifications



- All fans from the MM Series can be produced to operate on a two speed setting and to resist temperatures up to 150°C.
- The MM Series fans are offered in White, Inox, Chrome, Black, Cream or a combination of those colours.
- Upon customers' request all fans can be produced in any RAL colour code.

Technical specifications

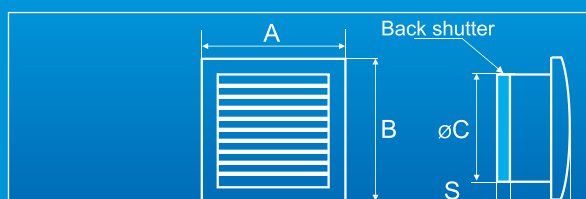
	Hz / V	min ⁻¹	m ³ / h	Pa	W	A	Kg	IP
MM - 100	50 / 220	2500	60	55	16	0,095	0,3	44
MM - 100	50 / 380	2500	60	55	15	0,055	0,3	44
MM - 100	50 / 115	2500	60	55	15	0,182	0,3	44
MM - 100	60 / 220	3000	67	71	14	0,085	0,3	44

	Hz / V	min ⁻¹	m ³ / h	Pa	W	A	Kg	IP
MM - 100/105	50 / 220	2750	105	62	16	0,110	0,45	44
MM - 100/105	50 / 380	2750	105	62	16	0,063	0,45	44
MM - 100/105	50 / 115	2750	105	62	16	0,210	0,45	44
MM - 100/105	60 / 220	3300	120	80	15	0,200	0,45	44

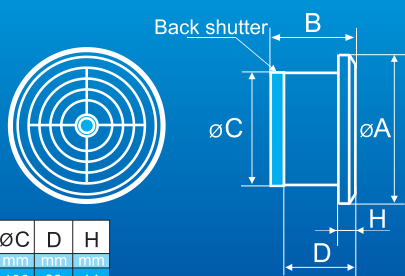
	Hz / V	min ⁻¹	m ³ / h	Pa	W	A	Kg	IP
MM - 120	50 / 220	2650	150	75	18	0,125	0,6	44
MM - 120	50 / 380	2650	150	75	18	0,073	0,6	44
MM - 120	50 / 115	2650	150	75	18	0,255	0,6	44
MM - 120	60 / 220	3200	170	95	17	0,115	0,6	44

	Hz / V	min ⁻¹	m ³ / h	Pa	W	A	Kg	IP
MM - 150	50 / 220	2650	240	110	46	0,385	1,2	44
MM - 150	50 / 380	2650	240	110	46	0,224	1,2	44
MM - 150	50 / 115	2650	240	110	45	0,721	1,2	44
MM - 150	60 / 220	3200	290	130	40	0,385	1,2	44

All fans can be manufactured to operate at 60 Hz frequency without significant change in the remaining characteristics.



Type	A	B	∅C	D	G	S
MM100	149	150	100	78	56	16
MM120	189	190	123	73	54	7
MM150	189	190	155	88	70	7

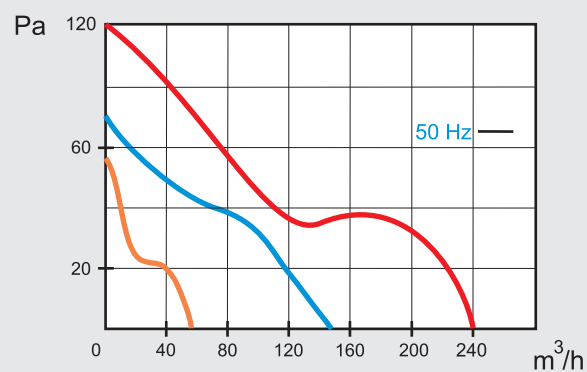


Type	∅A	B	∅C	D	H
MM100	145	76	100	68	14
MM120	165	81	123	74	14

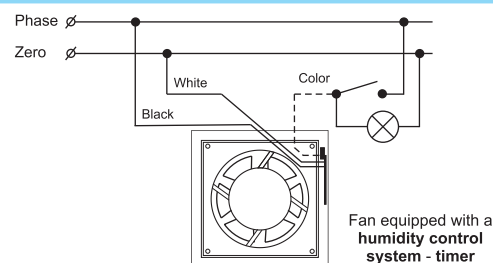
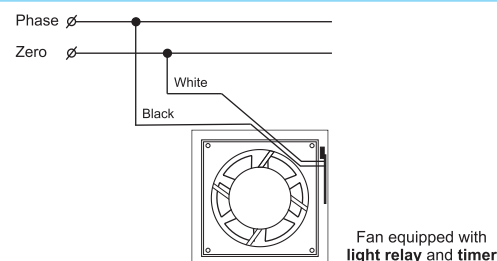
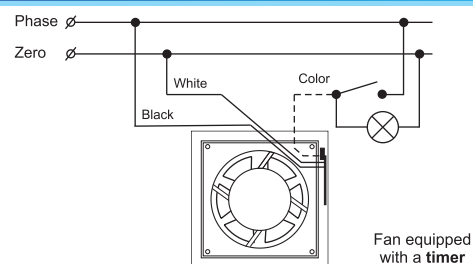
Colour varieties



All fans can be produced in any RAL colour code.



CONNECTION DIAGRAM



ATTENTION: The temperature of the environment in which the fan operates must not exceed 80°C.