



**VENTILATION SOLUTIONS**

# Extractor Fans MM Series

High airflow rate and uncompromising quality.  
Connection diameters - 100 mm, 120 mm  
and 150 mm.



# MM SERIES

## Trickle Impregnation Technology

- Sealed motor against dust and moisture
- High temperature resistant electric motor
- Maximum isolation characteristics
- Longlivity of the electric motor



	B		LV
	T		2S
	LT		UE
	LED		C

## Extractor Fans

Bathroom fans are the most popular and affordable modern solution for the removal of moisture from wet rooms and the prevention of mold and fungus formation.

**MM Series – Bathroom and WC fans featuring modern design,** high airflow rate and uncompromising quality. These fans provide continuous or interrupted ventilation in the sanitary facilities at extremely low power consumption.

They can be used to purge air from small and medium-sized residential, office and commercial premises or as heat exchangers between adjacent premises.

The fans are mounted on walls, ceilings and suspended ceilings and are attached to air ducts or pipes of the building's ventilation system with connection diameters 100 mm, 120 mm and 150 mm.

## Safety

The MM Series fans are made of high-quality and harmless materials, and they comply with noise and fire safety standards.

The protection degree of the built-in electric motor is IP 24, IP X4, IP X5 and IP 56 which enables the fan to normally operate in high humidity environment. All models from this series are fitted with an insect protection net. It is possible to equip the fans with back shutter, timer, humidity and light sensors, and built-in LED lighting.

The fans are connected to single-phase grid by a switch or dimmer to control the speed. Fans can be custom manufactured for other power supply voltages.

Low voltage LV 12V models, guaranteeing high safety level, could be mounted near the shower area (zone 1 of the scheme) or connected to shower cabins.

## Energy-efficient

**MM UE** - Energy-efficient low-noise fans with IP X5 protection degree and a flow rate of up to 85m<sup>3</sup>/h and 100m<sup>3</sup>/h which consume only 5,5W/h.

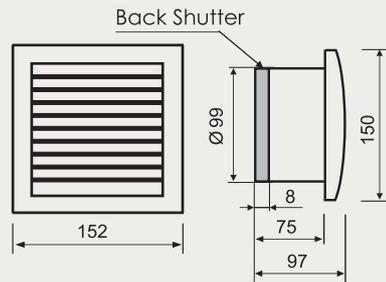


Series with double capsulated ball bearings NSK Japan which guarantee 30 000 hours of continuous operation.

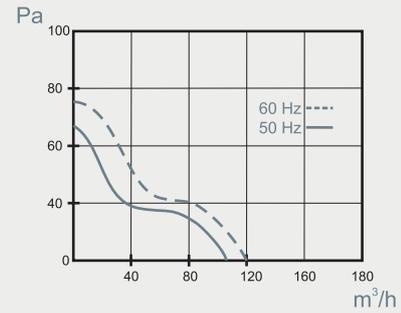
## MM CLQ 100



### Dimensions /mm/



### Performance curves



## Technical characteristic

Type	Product Code	Product Code with Back Shutter / Accessory /	Supply Voltage	Maximum Flow Rate	Consumed power	Maximum Flow rate	Protection Degree	Noise Level	Safety Zone	Max Air Temperature	Basic fan	Timer	Humidistat	Light Relay	LED Light
	<b>No</b>	<b>No</b>	Hz / V	min <sup>-1</sup>	W	m <sup>3</sup> /h	IP	dB	Zone	°C					
MM CLQ 100	1023	1047	50 / 230	2430	13	105	24	29	2,3	+40	<input type="checkbox"/>				
MM CLQ 100 T	-	1122									<input type="checkbox"/>				
MM CLQ100 HT	-	1146									<input type="checkbox"/>				
MM CLQ 100 LT	-	1139									<input type="checkbox"/>				
MM CLQ 100 LED	-	8961									<input type="checkbox"/>				

## MM CLQB 100



**BLACK**

## MM CLQE 100



**ECRU**

## MM CLQI 100



**INOX**

Type	Product Code	Product Code with Back Shutter / Accessory /	Type	Product Code	Product Code with Back Shutter / Accessory /	Type	Product Code	Product Code with Back Shutter / Accessory /
MM CLQB 100	1825	1733	MM CLQE 100	1610	1627	MM CLQI 100	1498	1481
MM CLQB 100T	-	0613	MM CLQE 100T	-	0583	MM CLQI 100T	-	0552
MM CLQB 100HT	-	0637	MM CLQE 100HT	-	0606	MM CLQI 100HT	-	0576
MM CLQB 100LT	-	0620	MM CLQE 100LT	-	0590	MM CLQI 100LT	-	0569
MM CLQB 100LED	-	-	MM CLQE 100LED	-	-	MM CLQI 100LED	8558	-

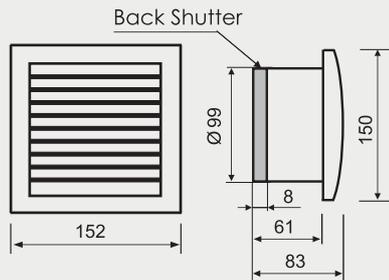
## Legend

<b>MM CLQ</b>	Series name	LT	Light Relay & Timer	<b>2S</b>	2 Speed Fan
<b>100</b>	Size	LED	LED Light	<b>C</b>	Back Shutter /Accessory/
<b>T</b>	Timer	<b>LV</b>	Low Voltage Fan 12V		Products without a code are custom made
<b>HT</b>	Humidistat & Timer	<b>UE</b>	Noiseless - Energy Efficient		

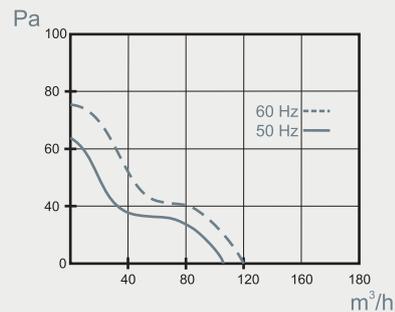
**MM Q 100**



Dimensions /mm/



Performance curves



**Technical characteristic**

Type	Product Code	Product Code with Back Shutter / Accessory /	Supply Voltage	Maximum Flow Rate	Consumed power	Maximum Flow rate	Protection Degree	Noise Level	Safety Zone	Max Air Temperature	Basic fan	Timer	Humidistat	Light Relay	LED Light	Low Voltage 12V	
	<b>No</b>	<b>No</b>	Hz / V	min <sup>-1</sup>	W	m <sup>3</sup> /h	IP	dB	Zone	°C							
MM Q 100	-	1368	50 / 230	2750	17	105	X4	32	2,3	+60	●						
MM Q 100 T	-	0842										●					
MM Q 100 HT	-	0866										●	●				
MM Q 100 LT	-	0859										●		●			
MM Q 100 LED	-	7124													●		
<b>MM Q 100 LV</b>	-	<b>7643</b>	<b>50 / 12</b>	2750	17	105	X4	32	1,2,3	+60						●	

**MM QB 100**



**BLACK**

**MM QE 100**



**ECRU**

**MM QI 100**



**INOX**

Type	Product Code	Product Code with Back Shutter / Accessory /	Type	Product Code	Product Code with Back Shutter / Accessory /	Type	Product Code	Product Code with Back Shutter / Accessory /
MM QB 100	-	0408	MM QE 100	-	4574	MM QI 100	-	1573
MM QB 100T	-	-	MM QE 100T	-	-	MM QI 100T	-	-
MM QB 100HT	-	-	MM QE 100HT	-	-	MM QI 100HT	-	3942
MM QB 100LT	-	-	MM QE 100LT	-	-	MM QI 100LT	-	-
MM QB 100LED	-	-	MM QE 100LED	-	-	MM QI 100LED	-	-

**Legend**

MM Q	Series name	LT	Light Relay & Timer	2S	2 Speed Fan
100	Size	LED	LED Light	C	Back Shutter /Accessory/
T	Timer	LV	Low Voltage Fan 12V		Products without a code are custom made
HT	Humidistat & Timer	UE	Noiseless - Energy Efficient		

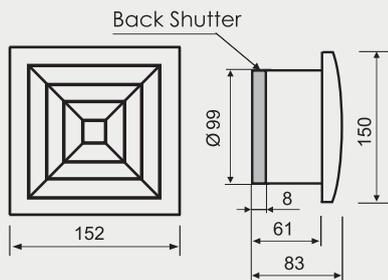
MM X 100



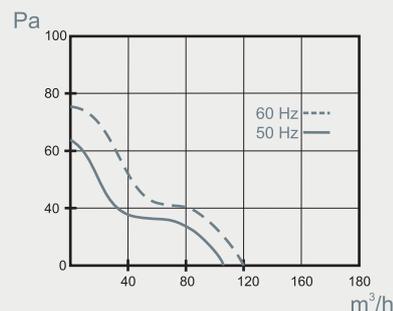
LONG life 30.000h



Dimensions /mm/

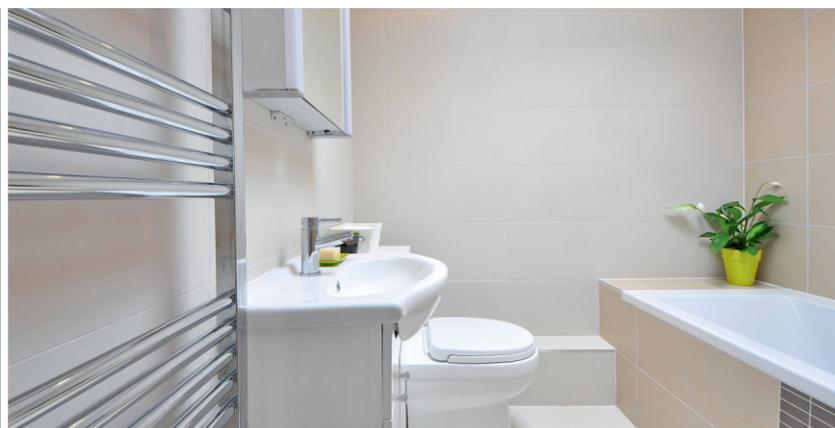


Performance curves



Technical characteristic

Type	Product Code	Product Code with Back Shutter / Accessory /	Supply Voltage	Maximum Flow Rate	Consumed power	Maximum Flow rate	Protection Degree	Noise Level	Safety Zone	Max Air Temperature	Basic fan	Timer	Humidistat	Light Relay	LED Light	Noiseless Energy Efficient	
	No	No	Hz / V	min <sup>-1</sup>	W	m <sup>3</sup> /h	IP	dB	Zone	°C							
MM X 100	9005	8992	50 / 230	2750	17	105	X4	32	2,3	+60	●						
MM X 100 T	-	-										●					
MM X 100 HT	-	-										●	●				
MM X 100 LT	-	-										●		●			
MM X 100 LED	-	-															●
MM X 100 UE	-	9098	50 / 230	2020	5,5	100	X5	25	2,3	+60						●	



Legend

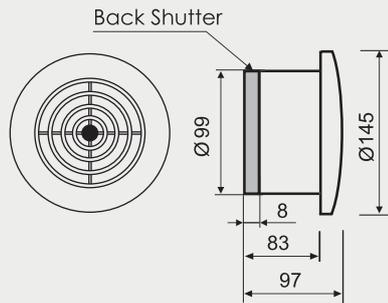
MM X	Series name	LT	Light Relay & Timer	2S	2 Speed Fan
100	Size	LED	LED Light	C	Back Shutter /Accessory/
T	Timer	LV	Low Voltage Fan 12V		Products without a code are custom made
HT	Humidistat & Timer	UE	Noiseless - Energy Efficient		

# MM SERIES

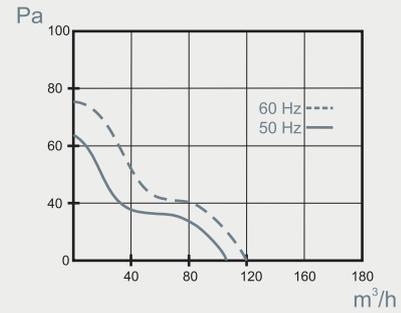
## MM CLR 100



### Dimensions /mm/



### Performance curves



## Technical characteristic

Type	Product Code	Product Code with Back Shutter / Accessory /	Supply Voltage	Maximum Flow Rate	Consumed power	Maximum Flow rate	Protection Degree	Noise Level	Safety Zone	Max Air Temperature	Basic fan	Timer	Humidistat	Light Relay	LED Light
	No	No	Hz / V	min <sup>-1</sup>	W	m <sup>3</sup> /h	IP	dB	Zone	°C					
MM CLR 100	1016	1030	50 / 230	2430	13	105	24	29	2,3	+40	<input type="checkbox"/>				
MM CLR 100 T	-	-									<input type="checkbox"/>				
MM CLR 100 HT	-	-									<input type="checkbox"/>				
MM CLR 100 LT	-	-									<input type="checkbox"/>				
MM CLR 100 LED	-	3973									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## MM CLRI 100



**INOX**

## MM CLRB 100



**BLACK**

## LED SERIES



Colours



Type	Product Code	Product Code with Back Shutter / Accessory /	Type	Product Code	Product Code with Back Shutter / Accessory /
MM CLRI 100	1474	1467	MM CLRB 100	1818	4437
MM CLRI 100T	-	-	MM CLRB 100T	-	4468
MM CLRI 100HT	-	-	MM CLRB 100HT	-	4529
MM CLRI 100LT	-	0736	MM CLRB 100LT	-	4499
MM CLRI 100LED	-	-	MM CLRB 100LED	-	-

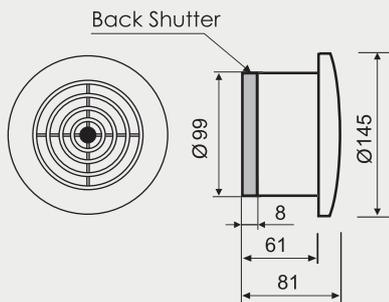
## Legend

<b>MM CLR</b>	Series name	LT	Light Relay & Timer	<b>2S</b>	2 Speed Fan
<b>100</b>	Size	LED	LED Light	<b>C</b>	Back Shutter /Accessory/
<b>T</b>	Timer	<b>LV</b>	Low Voltage Fan 12V		Products without a code are custom made
<b>HT</b>	Humidistat & Timer	<b>UE</b>	Noiseless - Energy Efficient		

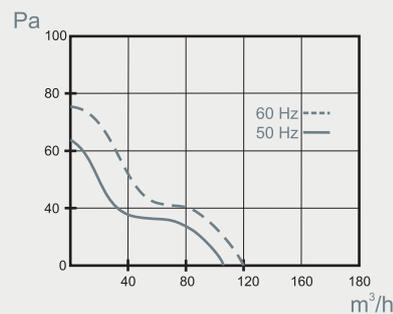
MM R 100



Dimensions /mm/



Performance curves



Technical characteristic

Type	Product Code	Product Code with Back Shutter / Accessory /	Supply Voltage	Maximum Flow Rate	Consumed power	Maximum Flow rate	Protection Degree	Noise Level	Safety Zone	Max Air Temperature	Basic fan	Timer	Humidistat	Light Relay	LED Light	Low Voltage 12V	
	<b>No</b>	<b>No</b>	Hz / V	min <sup>-1</sup>	W	m <sup>3</sup> /h	IP	dB	Zone	°C							
MM R 100	-	1900	50 / 230	2750	17	105	X4	32	2,3	+60	<input type="checkbox"/>						
MM R 100 T	-	0415									<input type="checkbox"/>						
MM R 100 HT	-	0439									<input type="checkbox"/>						
MM R 100 LT	-	0422									<input type="checkbox"/>						
MM R 100 LED	-	3973									<input type="checkbox"/>						
MM R 100 LV	-	9807	50 / 12	2750	17	105	X4	32	1,2,3	+60	<input type="checkbox"/>						

MM RI 100



INOX

MM RC 100



BLACK



LED SERIES

Colours

Type	Product Code	Product Code with Back Shutter / Accessory /	Type	Product Code	Product Code with Back Shutter / Accessory /
MM RI 100	-	0392	MM CE 100	-	4437
MM RI 100T	-	-	MM CLQE 100T	-	4468
MM RI 100HT	-	-	MM CLQE 100HT	-	4529
MM RI 100LT	-	0736	MM CLQE 100LT	-	4499
MM RCLI 100LED	-	4307	MM CLQE 100LED	-	4246

Legend

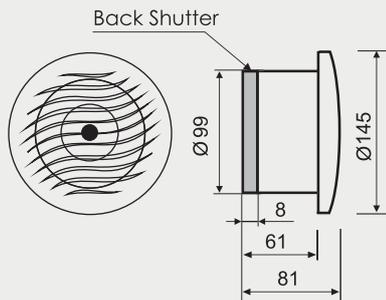
MM R	Series name	LT	Light Relay & Timer	2S	2 Speed Fan
100	Size	LED	LED Light	C	Back Shutter /Accessory/
T	Timer	LV	Low Voltage Fan 12V		Products without a code are custom made
HT	Humidistat & Timer	UE	Noiseless - Energy Efficient		

# MM SERIES

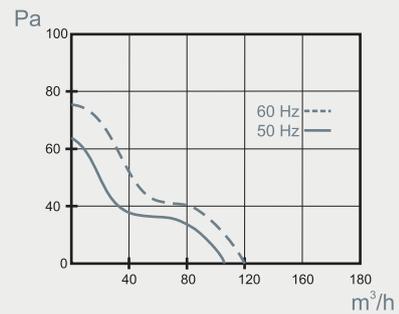
## MM V 100



### Dimensions /mm/



### Performance curves



## Technical characteristic

Type	Product Code	Product Code with Back Shutter / Accessory /	Supply Voltage	Maximum Flow Rate	Consumed power	Maximum Flow rate	Protection Degree	Noise Level	Safety Zone	Max Air Temperature	Basic fan	Timer	Humidistat	Light Relay	LED Light	Low Voltage 12V
	No	No	Hz / V	min <sup>-1</sup>	W	m <sup>3</sup> /h	IP	dB	Zone	°C						
MM V 100	-	1931	50 / 230	2750	17	105	X4	32	2,3	+60	•					
MM V 100 T	-	0446										•				
MM V 100 HT	-	0453										•	•			
MM V 100 LT	-	0460										•		•		
MM V 100 LED	-	3980													•	
MM V 100 LV	-	-	50 / 12	2750	17	105	X4	32	1,2,3	+60					•	

## MM VI 100



INOX

## MM VB 100



BLACK



LED SERIES

Colours

Type	Product Code	Product Code with Back Shutter / Accessory /	Type	Product Code	Product Code with Back Shutter / Accessory /
MM VI 100	-	3935	MM VB 100	-	4444
MM VI 100T	-	3959	MM VB 100T	-	4475
MM VI 100HT	-	-	MM VB 100HT	-	4536
MM VI 100LT	-	0873	MM VB 100LT	-	4505
MM VI 100LED	-	-	MM VB 100LED	-	-

## Legend

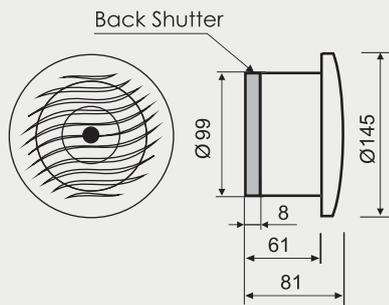
MM V	Series name	LT	Light Relay & Timer	2S	2 Speed Fan
100	Size	LED	LED Light	C	Back Shutter /Accessory/
T	Timer	LV	Low Voltage Fan 12V		Products without a code are custom made
HT	Humidistat & Timer	UE	Noiseless - Energy Efficient		

# MM SERIES

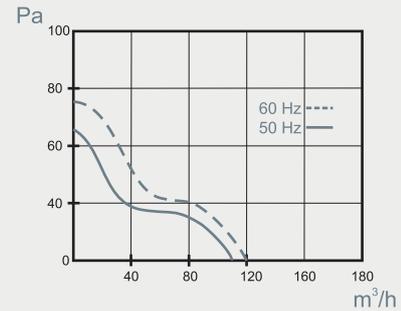
## MM VC 100



### Dimensions /mm/



### Performance curves



### Technical characteristic

Type	Product Code	Product Code with Back Shutter / Accessory /	Supply Voltage	Maximum Flow Rate	Consumed power	Maximum Flow rate	Protection Degree	Noise Level	Safety Zone	Max Air Temperature	Basic fan	Timer	Humidistat	Light Relay	LED Light	Low Voltage 12V	
	<b>No</b>	<b>No</b>	Hz / V	min <sup>-1</sup>	W	m <sup>3</sup> /h	IP	dB	Zone	°C							
MM VC 100B	-	0316	50 / 230	2790	18	110	X4	39	2,3	+60	•						
MM VC 100T	-	2556										•					
MM VC 100HT	-	2570										•	•				
MM VC 100LT	-	2563										•		•			
MM VC 100LED	-	7162													•		
<b>MM VC 100 LV</b>	-	-	<b>50 / 12</b>	2790	18	110	X4	39	1,2,3	+60						•	

## MM RC 100



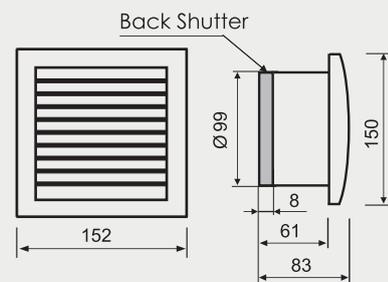
CHROME

## MM Q BC 100

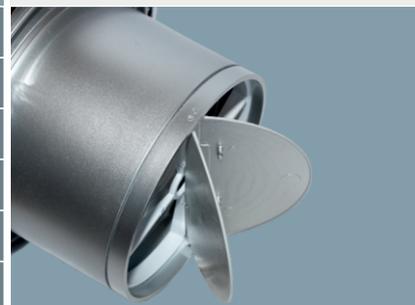


BLACK-CHROME

### Dimensions /mm/



Type	Product Code	Product Code with Back Shutter / Accessory /	Type	Product Code	Product Code with Back Shutter / Accessory /
MM RCI 100	-	0323	MM Q BC 100	-	0743
MM RC 100T	-	2587	MM Q BC 100T	-	2617
MM RC 100HT	-	2600	MM Q BC 100HT	-	2631
MM RC 100LT	-	2594	MM Q BC 100LT	-	2624
MM RC 100LED	-	8107	MM Q BC 100LED	-	7131



### Legend

MM RC	Series name	LT	Light Relay & Timer	2S	2 Speed Fan
100	Size	LED	LED Light	C	Back Shutter /Accessory/
T	Timer	LV	Low Voltage Fan 12V		Products without a code are custom made
HT	Humidistat & Timer	UE	Noiseless - Energy Efficient		

HEAT RECOVERY

DOMESTIC FANS

SAUNA FANS

AXIAL FANS

DUCT FANS

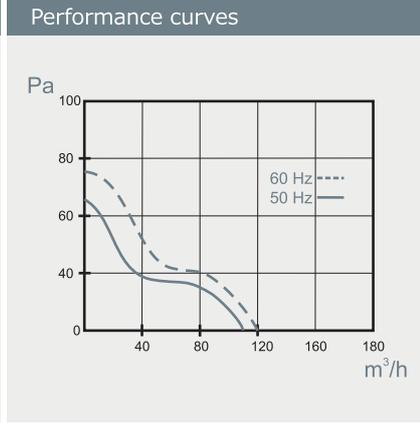
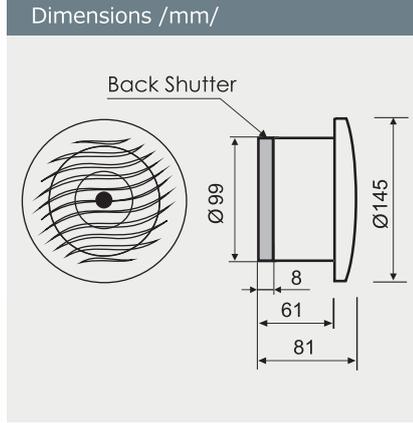
INDUSTRIAL FANS

ACCESSORIES

*Limited edition*  
**REAL GOLD**

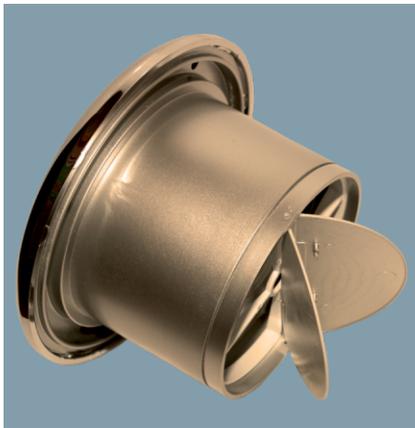


MM VG 100



Technical characteristic

Type	Product Code	Product Code with Back Shutter / Accessory /	Supply Voltage	Maximum Flow Rate	Consumed power	Maximum Flow rate	Protection Degree	Noise Level	Safety Zone	Max Air Temperature	Basic fan	Timer	Humidistat	Light Relay	LED Light	Low Voltage 12V
	No	No	Hz / V	min <sup>-1</sup>	W	m³/h	IP	dB	Zone	°C						
MM VG 100B	-	5946	50 / 230	2790	18	110	X4	32	2,3	+60	•					
MM VG 100T	-	4543										•				
MM VG 100HT	-	4567										•	•			
MM VG 100LT	-	4550										•		•		
MM VG 100LED	-	4017													•	
MM VG 100 LV	-	-	50 / 12	2790	18	110	X4	39	1,2,3	+60					•	•



Legend

MM VG	Series name	LT	Light Relay & Timer	2S	2 Speed Fan
100	Size	LED	LED Light	C	Back Shutter /Accessory/
T	Timer	LV	Low Voltage Fan 12V		Products without a code are custom made
HT	Humidistat & Timer	UE	Noiseless - Energy Efficient		

HEAT RECOVERY

DOMESTIC FANS

SAUNA FANS

AXIAL FANS

DUCT FANS

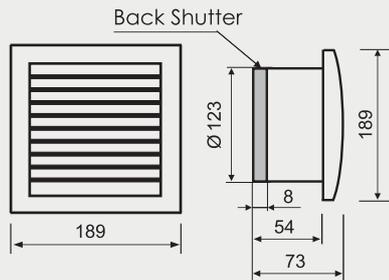
INDUSTRIAL FANS

ACCESSORIES

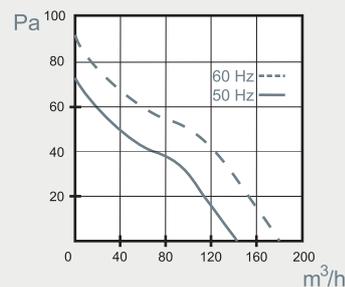
MM Q 120



Dimensions /mm/



Performance curves



Technical characteristic

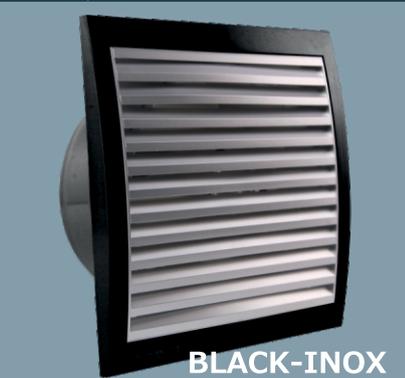
Type	Product Code	Product Code with Back Shutter / Accessory /	Supply Voltage	Maximum Flow Rate	Consumed power	Maximum Flow rate	Protection Degree	Noise Level	Safety Zone	Max Air Temperature	Basic fan	Timer	Humidistat	Light Relay	LED Light	2 Speed Fan
	<b>No</b>	<b>No</b>	Hz / V	min <sup>-1</sup>	W	m <sup>3</sup> /h	IP	dB	Zone	°C						
MM Q 120	1078	1085	50 / 230	2650	18	150	X4	42	2,3	+60	<input type="checkbox"/>					
MM Q 120T	-	1184									<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MM Q 120HT	-	1221									<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MM Q 120LT	-	1207									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MM Q 120LED	-	-									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MM Q 120-2S	0217	-	50 / 230	1250	4	75	X4	32	2,3	+60	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

MM QB 120



BLACK

MM QBI 120



BLACK-INOX

MM QI 120



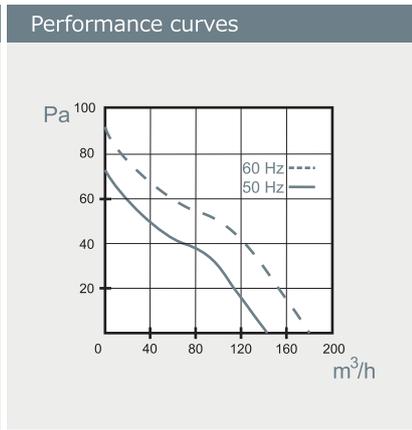
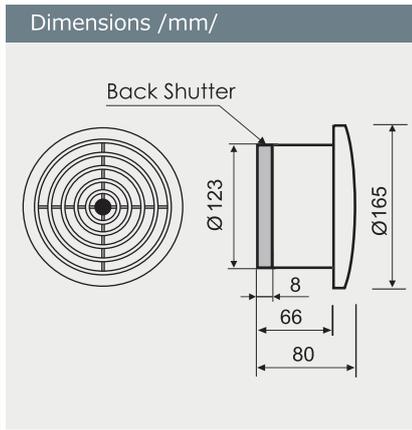
INOX

Type	Product Code	Product Code with Back Shutter / Accessory /	Type	Product Code	Product Code with Back Shutter / Accessory /	Type	Product Code	Product Code with Back Shutter / Accessory /
MM QB 120	1856	1863	MM QBI 120	1948	1955	MM QI 120	1535	1528
MM QB 120T	-	0750	MM QBI 120T	-	4314	MM QI 120T	-	0675
MM QB 120HT	-	0774	MM QBI 120HT	-	7155	MM QI 120HT	-	0699
MM QB 120LT	-	0767	MM QBI 120LT	-	4321	MM QI 120LT	-	0682
MM QB 120LED	-	-	MM QBI 120LED	-	-	MM QI 120LED	-	-

Legend

MM Q	Series name	LT	Light Relay & Timer	2S	2 Speed Fan
120	Size	LED	LED Light	C	Back Shutter /Accessory/
T	Timer	LV	Low Voltage Fan 12V		Products without a code are custom made
HT	Humidistat & Timer	UE	Noiseless - Energy Efficient		

MM R 120



Technical characteristic

Type	Product Code	Product Code with Back Shutter / Accessory /	Supply Voltage	Maximum Flow Rate	Consumed power	Maximum Flow rate	Protection Degree	Noise Level	Safety Zone	Max Air Temperature	Basic fan	Timer	Humidistat	Light Relay	LED Light
	No	No	Hz / V	min <sup>-1</sup>	W	m <sup>3</sup> /h	IP	dB	Zone	°C					
MM R 120	1054	1061	50 / 230	2650	18	150	X4	42	2,3	+60	<input type="checkbox"/>				
MM R 120T	-	-									<input type="checkbox"/>				
MM R 120HT	-	-									<input type="checkbox"/>				
MM R 120LT	-	-									<input type="checkbox"/>				
MM R 120LED	-	-									<input type="checkbox"/>				

MM RI 120



Type	Product Code	Product Code with Back Shutter / Accessory /
MM RI 120	1511	1504
MM RI 120T	-	-
MM RI 120HT	-	-
MM RI 120LT	-	-
MM RI 120LED	-	-



Legend

MM RI	Series name	LT	Light Relay & Timer	2S	2 Speed Fan
120	Size	LED	LED Light	C	Back Shutter /Accessory/
T	Timer	LV	Low Voltage Fan 12V		Products without a code are custom made
HT	Humidistat & Timer	UE	Noiseless - Energy Efficient		

HEAT RECOVERY

DOMESTIC FANS

SAUNA FANS

AXIAL FANS

DUCT FANS

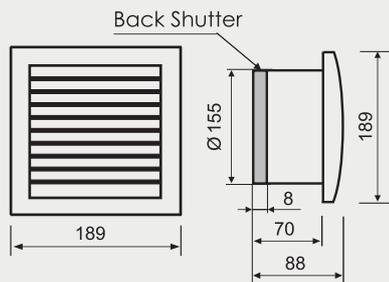
INDUSTRIAL FANS

ACCESSORIES

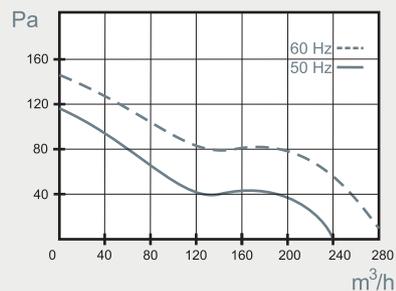
**MM Q 150**



Dimensions /mm/



Performance curves



**Technical characteristic**

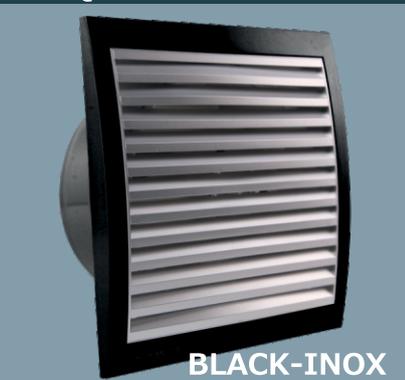
Type	Product Code	Product Code with Back Shutter / Accessory /	Supply Voltage	Maximum Flow Rate	Consumed power	Maximum Flow rate	Protection Degree	Noise Level	Safety Zone	Max Air Temperature	Basic fan	Timer	Humidistat	Light Relay	LED Light
	<b>No</b>	<b>No</b>	Hz / V	min <sup>-1</sup>	W	m <sup>3</sup> /h	IP	dB	Zone	°C					
MM Q 150B	1269	1320	50 / 230	2650	46	240	X4	51	2,3	+60	<input type="checkbox"/>				
MM Q 150T	-	1337									<input type="checkbox"/>				
MM Q 150HT	-	1351									<input type="checkbox"/>				
MM Q 150LT	-	1344									<input type="checkbox"/>				
MM Q 150LED	-	-									<input type="checkbox"/>				

**MM QB 150**



**BLACK**

**MM QBI 150**



**BLACK-INOX**

**MM QI 150**



**INOX**

Type	Product Code	Product Code with Back Shutter / Accessory /	Type	Product Code	Product Code with Back Shutter / Accessory /	Type	Product Code	Product Code with Back Shutter / Accessory /
MM QB 150	1870	1887	MM QBI 150	1962	1979	MM QI 150	1542	1559
MM QB 150T	-	0811	MM QBI 150T	-	4406	MM QI 150T	-	0781
MM QB 150HT	-	0835	MM QBI 150HT	-	4420	MM QI 150HT	-	0804
MM QB 150LT	-	0828	MM QBI 150LT	-	4413	MM QI 150LT	-	0798
MM QB 150LED	-	-	MM QBI 150LED	-	-	MM QI 150LED	-	-

**Legend**

MM Q	Series name	LT	Light Relay & Timer	2S	2 Speed Fan
150	Size	LED	LED Light	C	Back Shutter /Accessory/
T	Timer	LV	Low Voltage Fan 12V		Products without a code are custom made
HT	Humidistat & Timer	UE	Noiseless - Energy Efficient		