

Time & Time Inverter

Wall Mounted Split System
M5WM-G & M5WMX-G series



- New design
- Low energy consumption
- Superior indoor air quality



Your climate. We're there

Time & Time Inverter



Features



Time is the new Wall Mounted Split series with outstanding efficiency and enhanced features for a healthy environment, in standard & inverter version.

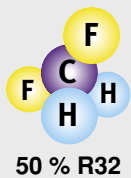
The new design, compact and sleek, harmonises well with all types of interiors.

Economical comfort

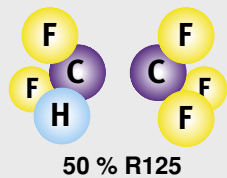
Time models utilise **HFC410A**, an environmental friendly refrigerant which does not damage the ozone layer and grants greater performance. Together with the new coil design featuring large surface and improved thermal exchange characteristics, the new Time range achieves very efficient performances with consequent reduction in energy consumption.

According to the European standard for the Energy Efficiency Classification, Time models can be rated:

► Class A



+



= HFC410A

Energy		Air Conditioner Logo
Manufacturer Outside Unit	ABC 123	ABC 123
Manufacturer Inside Unit	ABC 123	ABC 123
More efficient	A	A
B		
C		
D		
E		
F		
Less efficient	G	
Annual Energy Consumption, kWh in cooling mode (estimated based on standard of outdoor)	X.Y	
Cooling output kW	X.Y	
Energy Efficiency Ratio (Full load) (the higher the better)	X.Y	
Type	Cooling only	←
	Cooling + Heating	←
	Air cooled	←
	Water cooled	←
Heat output	X.Y	
Heating Performance kW	A, higher	←
	G, lower	←
Noise (dB(A) re 1 Pa)		
Further information is contained in product brochures		
www.mq.it		
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Designated device		

Personalised settings



Personalised setting

Among more traditional functions, Time new remote control G11 allows to memorise two personalised configuration sets in terms of temperature, operation mode, Ioniser activation, timer, air speed and ventilation type, etc. By simply pressing one button you can select how to maintain the ambient conditions you desired.

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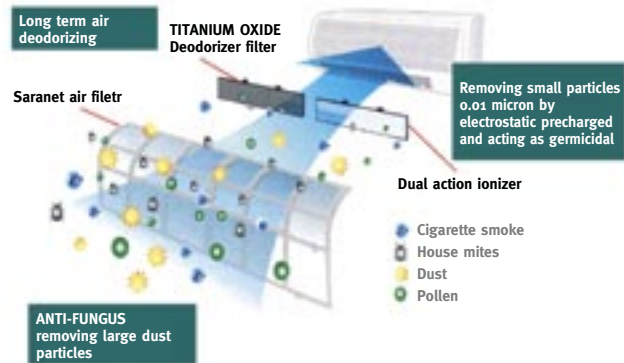
Features

Superior indoor air quality

The MWM-G models are not only designed to provide perfect temperature comfort in all operating modes, but also designed to create and maintain a clean and healthy environment: even air distribution, active filtration of particles and impurities, restoration of negative ions concentration, elimination of unpleasant smells, restoration oxygen content.

Three-stage Active filter

All models are equipped as standard with the three-stage active filtration, which removes dust and particles with diameters down to 0.01 micron. Its ionised section prevents potential bacteria proliferation and minimises unpleasant smells, such as cigarette smoke, maintaining a clean and healthy environment.



Ion generator

Air quality can be further improved by activating the negative ion generator. A system integrated in the new MWM-G series then constantly generates negative ions bringing their concentration level close to the one of the natural environment making you feel energetic and refreshed. The negative ion generator does not require maintenance.



NTP Air Sterilizer*

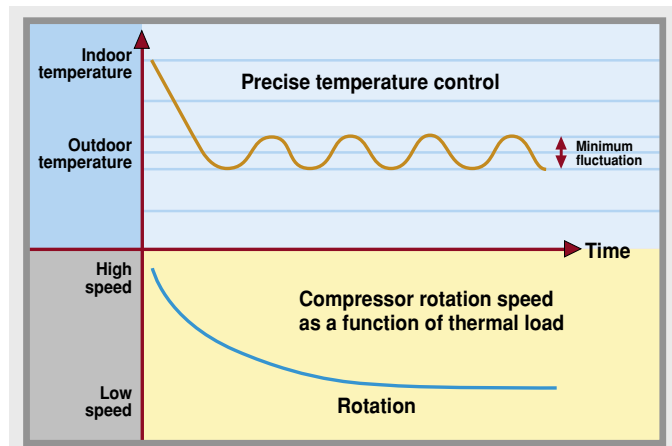
Particularly useful for ambient where there is not enough air renewal is the NTP Air Sterilizer technology which, by decomposing the Oxygen molecules (O_2) into two electrically charged oxygen atoms, neutralises a wide range of odours such as cigarette smoke, household odours and mould odours. Its oxidizing characteristics can also weaken the cell structure of micro-organism maintaining the indoor air healthy and clean.

DC Inverter System

DC INVERTER system achieves excellent efficiency and a better comfort:

- achieves required temperature fast;
- the compressor motor speed can be varied to optimize the cooling power and to create a more precisely controlled room temperature;
- total energy saved can be as high as 30% compared to the conventionally controlled units. The compressor operates at high frequency (> 50 Hz) and at high speed to achieve the required temperature faster
- Manual Selection: by Remote Controller
- Automatic Selection: based on the difference between the actual room temperature and set-point temperature

The compressor speed control and performance allows to maintain a uniform indoor temperature and decrease compressor ON/OFF cycles to a minimum.



Time & Time Inverter



Features

Simplified accessibility

Ordinary maintenance and cleaning of filters and discharge vane is facilitated by easy access to the two sections. The flat design of the front panel facilitates its cleaning.



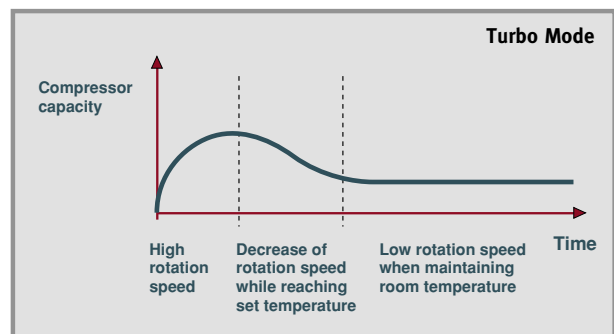
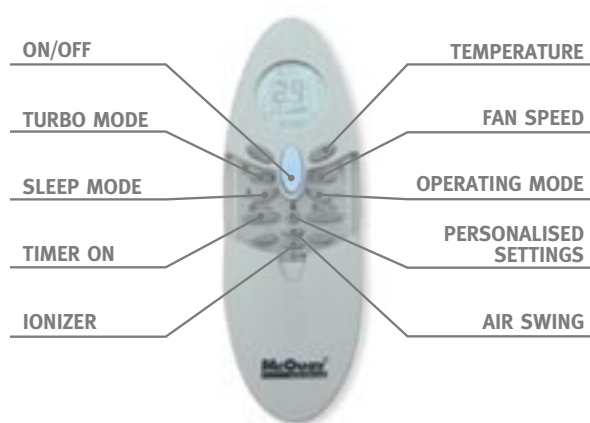
Flexibility & comfort

Through the various operating modes, TIME models succeed in providing the best comfort in all situations:

- Cooling
- Heating (Heat Pump models)
- Ventilation, with three selectable fan speeds and automatic setting of airflow
- Dehumidification, to decrease the ambient moisture content when the discomfort is generated by a too high level of humidity
- Automatic selection of the operating mode as a function of outdoor and indoor temperatures.

Additional functions contribute to maintain desired ambient conditions:

- Auto Swing, with automatic vertical movement of the louvers
- Sleep Mode, automatically adjust of the temperature value to optimise conditions for a comfortable rest
- Ioniser, negative ions generation when ambient air has lost freshness
- Hot Keep
- Parameters memory set in case of power failure
- Turbo Mode function manual or automatic, allows to increase performances of 10%.



Time - M5WM-G series



Technical Data

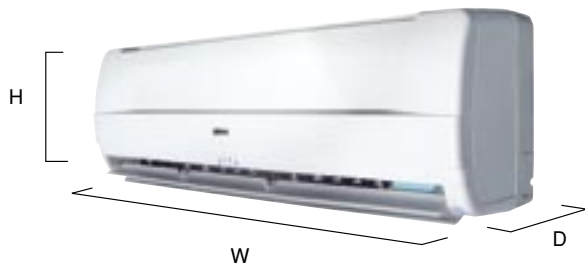
COOLING ONLY	Indoor Unit	M5WM 007GR	M5WM 009GR	M5WM 010GR	M5WM 015GR	M5WM 020GR	M5WM 025GR
	Outdoor Unit	M5LC 007CR	M5LC 010CR	M5LC 010CR	M5LC 015CR	M5LC 020CR	M5LC 025CR
Cooling Capacity	W	2210	2637	2805	3520	5275	6155
	Btu/h	7500	9000	9500	12000	18000	21000
Power Input	W	620	860	865	1230	1630	1890
Energy Label	--	A	B	A	C	A	A

HEAT PUMP	Indoor Unit	M5WM 007GR	M5WM 009GR	M5WM 010GR	M5WM 015GR	M5WM 020GR	M5WM 025GR
	Outdoor Unit	M5LC 007CR	M5LC 010CR	M5LC 010CR	M5LC 015CR	M5LC 020CR	M5LC 025CR
Cooling Capacity	W	2210	2637	2805	3520	5275	6155
	Btu/h	7500	9000	9500	12000	18000	21000
Heating Capacity	W	2200	2637	2780	3520	5275	6448
	Btu/h	7500	9000	9500	12000	18000	22000
Power Input - Cooling	W	680	860	865	1200	1640	1900
Power Input - Heating	W	550	745	750	1080	1550	1850
Energy Label - Cooling	--	A	B	A	C	A	A
Energy Label - Heating	--	A	A	A	C	B	B

GENERAL							
	Indoor Unit	M5WM 007GR	M5WM 009GR	M5WM 010GR	M5WM 015GR	M5WM 020GR	M5WM 025GR
Power Supply	V/ph/Hz	220-240/1/50					
Air Flow [High/Medium/Low]	l/s	130 / 106 / 82	130 / 106 / 82	142 / 118 / 94	163 / 135 / 104	241 / 208 / 175	307 / 236 / 212
Fan Type	-- / n°	Tangential [with anti-fungus treatment] / 1					
Sound Pressure [Lp]	dB(A)	38 / 34 / 29	39 / 35 / 29	39 / 36 / 30	40 / 36 / 30	44 / 40 / 36	49 / 44 / 42
Dimensions (WxDxH)	mm	799 / 198 / 260		899 / 198 / 260		1062 / 222 / 306	
Weight	kg	10		12		15	
Drain Water Connection Size	mm	5/8"				3/4"	
	Outdoor Unit	M5LC 007CR	M5LC 010CR	M5LC 010CR	M5LC 015CR	M5LC 020CR	M5LC 025CR
Power Supply	V/ph/Hz	220-240/1/50					
Sound Pressure [Lp]	dB(A)	44	46	46	49	50	53
Compressor	--	Rotary hermetic / capillary					
Dimensions (WxDxH)	mm	600 / 245 / 495	700 / 250 / 540	700 / 250 / 540	700 / 250 / 540	855 / 328 / 651	855 / 328 / 753
Weight	kg	26	33	33	35	57	58
Pipe							
Connection Type	--	flare	flare	flare	flare	flare	flare
Liquid Size	inches	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Gas Size	inches	3/8"	3/8"	3/8"	1/2"	1/2"	5/8"

NOTES:

Nominal conditions for Cooling: indoor temperature 27°C dB/19°C wB; outdoor temperature 35°C
 Nominal conditions for Heating : indoor temperature 20°C dB/15°C wB; outdoor temperature 7°C dB/6°C wB
 All units are tested according to ISO5151 standards McQuay



Time Inverter - M5WMX-G series



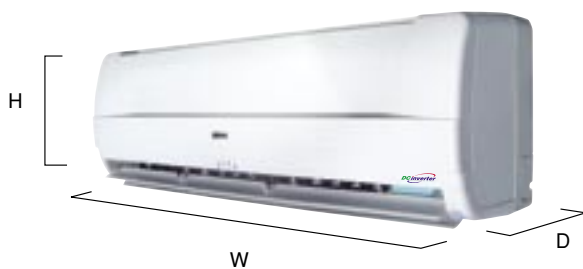
Technical Data

HEAT PUMP	Indoor Unit Outdoor Unit	M5WMX 010GR M5LCX 010CR	M5WMX 015GR M5LCX 015CR	M5WMX 020GR M5LCX 020CR	M5WMX 025GR M5LCX 025CR
Cooling Capacity (min - max)	W Btu/h	2638 (1084 - 3517) 9000 (3700 - 12000)	3517 (1084 - 4396) 12000 (3700 - 15000)	5275 (1465 - 5862) 18000 (5000 - 20000)	6155 (1465 - 6741) 21000 (5000 - 23000)
Heating Capacity (min - max)	W Btu/h	3370 (1172 - 4980) 11500 (4000 - 15000)	4103 (1172 - 4982) 14000 (4000 - 17000)	5568 (1465 - 6155) 19000 (5000 - 22000)	6448 (1465 - 7034) 22000 (5000 - 25000)
Power Input - Cooling (min - max)	W	780 (300 - 1100)	1095 (300 - 1780)	1636	2150
Power Input - Heating (min - max)	W	980 (290 - 1680)	1270 (290 - 1950)	1652	2200
Energy Label - Cooling	--	A	A	A	D
Energy Label - Heating	--	B	C	C	D

GENERALE					
	Indoor Unit	M5WMX 010GR	M5WMX 015GR	M5WMX 020GR	M5WMX 025GR
Power Supply	V/ph/Hz	220-240/1/50			
Air Flow	l/s	142 / 118 / 95	156 / 123 / 99	245 / 208 / 175	297 / 236 / 212
Fan type	--/n°	Tangential [with anti-fungus treatment] / 1			
Dimensions (WxDxH)	mm	899 / 198 / 260		1062 / 220 / 304	
Weight	kg	9.5		15	
Drain Water Connection Size	inches	5/8"		3/4"	
	Outdoor Unit	M5LCX 010CR	M5LCX 015CR	M5LCX 020CR	M5LCX 025CR
Power Supply	V/ph/Hz	220-240/1/50			
Sound Pressure [Lp]	dB(A)	47	52	51	53
Compressor	--	DC Scroll / Capillary			
Dimensions (WxDxH)	mm	700 (+70) / 250 / 540		855 (+70) / 328 / 757	
Weight	kg	38		50	
Pipe					
Connection Type	--	flare	flare	flare	flare
Liquid Size	inches	1/4"	1/4"	1/4"	1/4"
Gas Size	inches	3/8"	1/2"	1/2"	5/8"

NOTES:

Nominal Conditions for Cooling: indoor temperature 27°C dB/19°C wB; outdoor temperature 35°C
 Nominal Conditions for Heating: indoor temperature 20°C dB/15°C wB; outdoor temperature 7°C dB/6°C wB
 All units are tested according to ISO5151 standards McQuay
 McQuay reserves the right to change design and specifications without prior notice.



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