

Mitsubishi Electric
starMEX
Air-Conditioner



The **No.1** Specialist in
Energy Saving

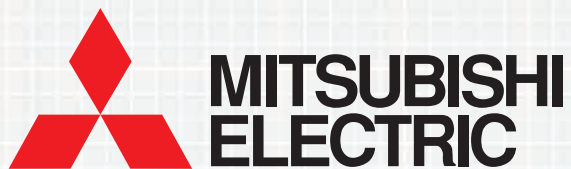
At the leading-edge of air conditioning technology

EXCELLENT
Energy
Savings

EASY
To Clean!
Easily accessible
Inner vent

QUIETEST
19dB

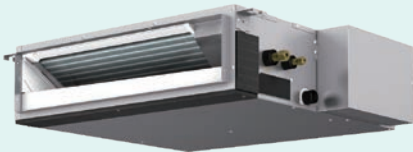




Your Life, Our Technology – The Comfort Connection.

As everyone knows, nothing compares to the comfort that nature has to provide. Thanks to the many technical refinements, Mitsubishi Electric's air conditioner bring you closer to this ideal. Improved EER (Energy Efficiency Ratio) levels significantly reduce energy consumption while extremely quiet operation and the use of the Eco-friendly R32 refrigerant allow our series to create a naturally serene environment in every room of the house.



Inverter Multi Split	Type		Connectable Indoor Units	Page	Energy labelling scheme
	Model	Refrigerant			
MXY-2H20VF  up to 2 indoor units	DC Inverter	R32 REFRIGERANT	MSXY-FP10/13/18VG 	18	
MXY-3H28VG  up to 3 indoor units	DC Inverter	R32 REFRIGERANT	MSXY-FP20/24*VG 	18	
MXY-4H33VG  up to 4 indoor units	DC Inverter	R32 REFRIGERANT	PEY-M50/60*/71*JAL 	18	
MXY-4H38VG  up to 4 indoor units	DC Inverter	R32 REFRIGERANT	SEZ-M35/50*/71*DAL 	18	
MXY-5H48VG  up to 5 indoor units	DC Inverter	R32 REFRIGERANT		18	

*Not applicable to MXY-2H20VF

Conversion formula: Btu/h=kW X 3412

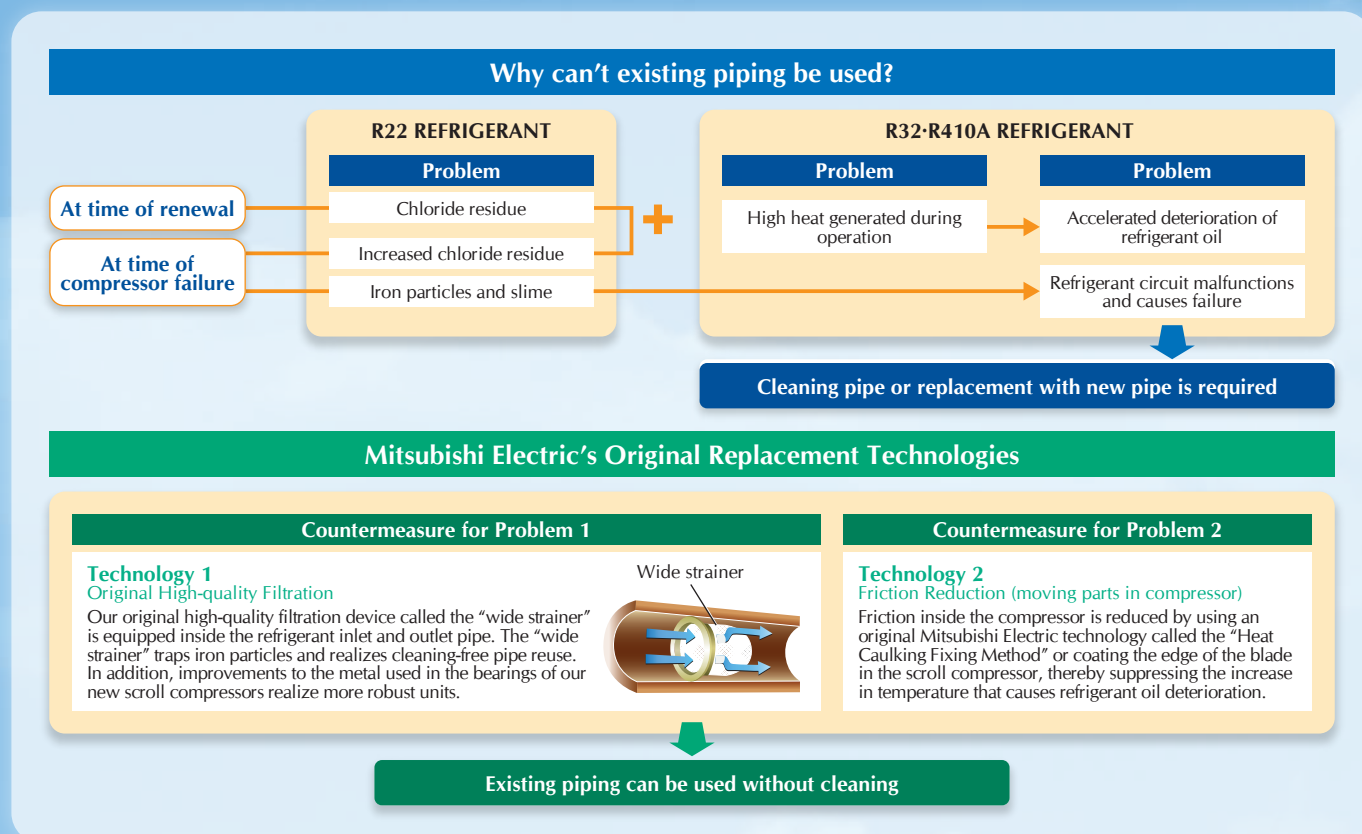
Inverter Single Split	Type		Connectable Indoor Units	Page	Energy labelling scheme
	Model	Refrigerant			
MUY-GP10VF 			MSY-GP10VF 	14	
MUY-GP13VF 			MSY-GP13VF 	14	
MUY-GP15VF 			MSY-GP15VF 	14	
MUY-GP18VF 			MSY-GP18VF 	14	
MUY-GP20VF 			MSY-GP20VF 	14	
MUY-GP24VF2 			MSY-GP24VF 	14	

Mr.SLIM Inverter Single Split	Type		Connectable Indoor Units	Page	Energy labelling scheme
	Model	Refrigerant			
SUY-ZM50VA 			PLY-ZM50EA 	22	
			PEY-M50JAL2 	23	
SUY-M60VA 			PLY-M60EA 	22	
			PEY-M60JAL2 	23	
SUY-M80VA 			PLY-M80EA 	22	
			PEY-M80JAL2 	23	
SUY-M100VA 			PLY-M100EA 	22	
			PEY-M100JAL2 	23	
PUY-M125VKA 			PLY-M125EA 	22	
			PEY-M125JAL2 	23	
			PCY-M125KAL 	24	

Cleaning-Free, Pipe Reuse Technology

Mitsubishi Electric's Cleaning-Free Technology

Chloride residue builds up in existing pipes and becomes a source of trouble. In addition, the iron particles and slime produced as a result of compressor failure lead to problems. To counter this, various original Mitsubishi Electric technologies have been combined to enable the introduction of "cleaning-free pipe reuse."



Advantages of Mitsubishi Electric's Cleaning-Free Technology



SHORT WORKING PERIOD

- Cut in extensive works behind walls or above ceilings to install new piping.
- Cut in difficult tasks including welding works above the ceiling.



COST-SAVING

- Cut in material costs to install the new piping.
- Great reduction in waste materials minimizes their disposal costs.
- Short period of work saves the installation costs.



ECOLOGY

- Waste materials, such as ceiling materials and pipes, minimized.
- Being environmentally aware by 'reusing' meets the demand of the times.

Cautions when using existing piping

- When removing an old air conditioning unit, please make sure to perform the pump-down process and recover the refrigerant and refrigerant oil.
- Check to ensure that the piping diameter and thickness match Mitsubishi Electric specifications.
- Check to ensure that the flare is compatible with R32-R410A. (The copper pipe flare-end shape and dimensions used for R410A can also be used for R32 air conditioners.)
- Refer to full replacement catalogue for more details.

EASY CLEAN


Safety system
stops the machine
when
the horizontal vane
is removed.

THE WIDE AIR OUTLET MAKES CLEANING EASY,
ALWAYS KEEPING THE AIR IN YOUR ROOM
CLEAN AND FRESH.



EASY CLEAN's unique cleaning system

Open the blower outlet for cleaning



Vertical vanes



Front panel



Fan

The entire front panel can be washed



Easy removal



Scrub clean

Thorough cleaning keeps your home healthier and more comfortable.

Eliminates odours

Always bringing you fresh air

Prevents mould

The mould guard (internal drier) always keeps the inside unit clean

Longer lasting high performance

Consistent performance from time of purchase

Economical energy costs

Cleaning the fan (25%), the heat exchanger (5%) and the filter (15%) increases energy savings by a total of up to 45%!



Dual Barrier Coating

A two barrier coating prevents dust and greasy dirt from sticking onto the air conditioner.

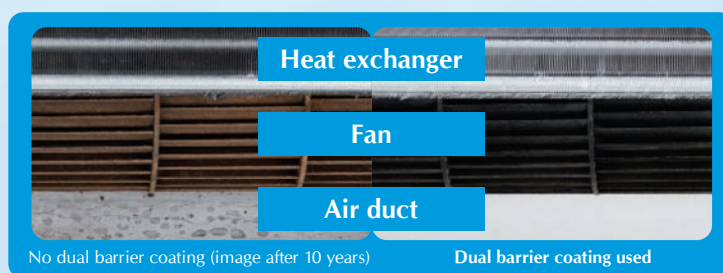


State-of-the-art coating technology

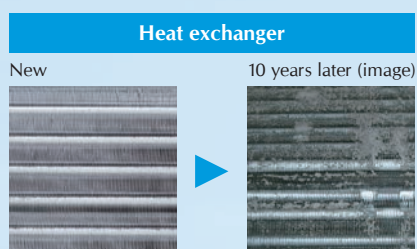
Dirt is generally classified into two groups: hydrophilic dirt such as fiber dust and sand dust, and hydrophobic dirt such as oil and cigarette smoke. Mitsubishi Electric's dual barrier coating works as a two barrier coating with blended "fluorine particles" that prevent hydrophilic dirt penetration and "hydrophilic particles" that prevent hydrophobic dirt from getting into the air conditioner. This dual coating on the inner surface keeps the air conditioner clean year-round and improves energy efficiency while delivering comfortable clean air.



Comparison of dirt on heat exchanger, fan and air duct (in-house comparison)



The inside of the indoor unit gets dirty after many years of usage.



Consequences when the inside of the indoor unit is left dirty.

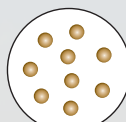
- Deterioration in energy efficiency
- Musty smell from the unit



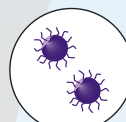
Cleaner Air
up to 99% PM2.5 particles removed



Minute Particles Floating in the Air



PM2.5



Bacteria



House dust



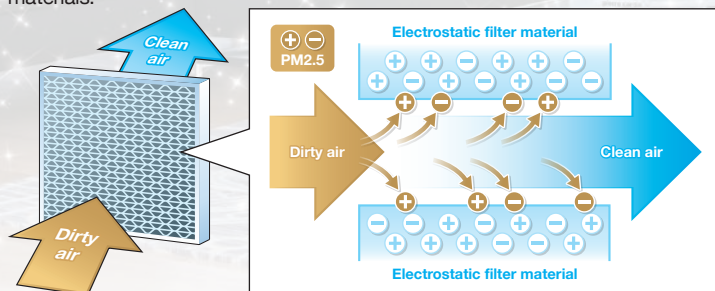
Model:
FP & GP Series

Filter:
Microparticle catching filter

Microparticle catching filter effectively eliminates PM2.5

Effectively catches floating PM2.5 particles to maintain clean air in the room.

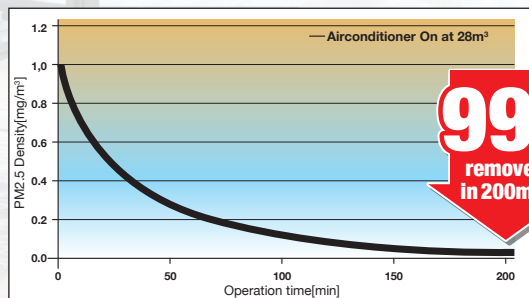
Electrostatic filter even effectively removes and eliminates miniscule particulate materials.



Microparticle catching filter

Electrostatic material removes PM2.5 from the air and absorbs it when passing through the filter

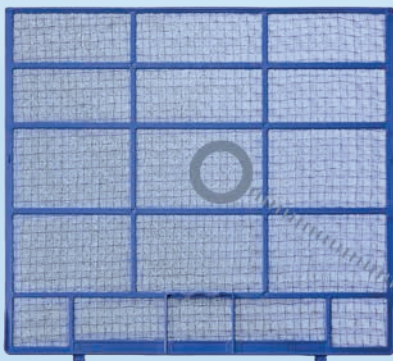
PM2.5 removal efficiency



Test conditions: Removal efficiency of particulates sizes ranging 0.3-2.5µm after operation for 200min using FN20 microparticle catching filter in 28m³ enclosed space with tidal air circulation volume of 0.5/hr (in-house test)

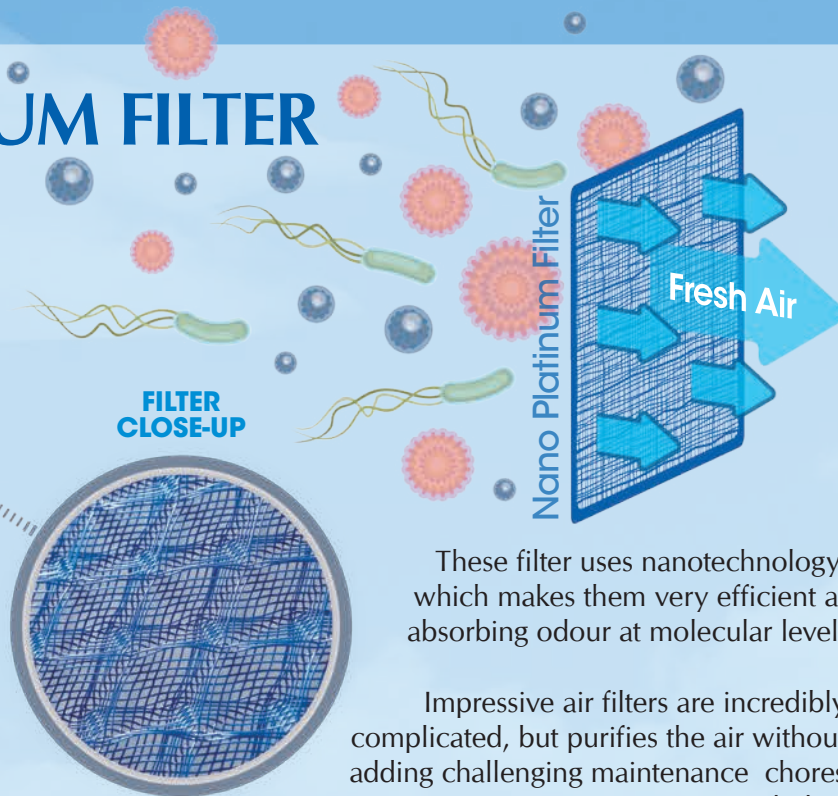
* Comes in 2 colors blue or white.

NANO PLATINUM FILTER



NANO PLATINUM FILTER

For an air filtration system to be practical, it has to be simple to maintain and consistently deliver clean, fresh and healthy air. Nano platinum filter can protect your family from pollutant and allergens without extra effort or maintenance.



These filter uses nanotechnology, which makes them very efficient at absorbing odour at molecular level.

Impressive air filters are incredibly complicated, but purifies the air without adding challenging maintenance chores in your to-do list.

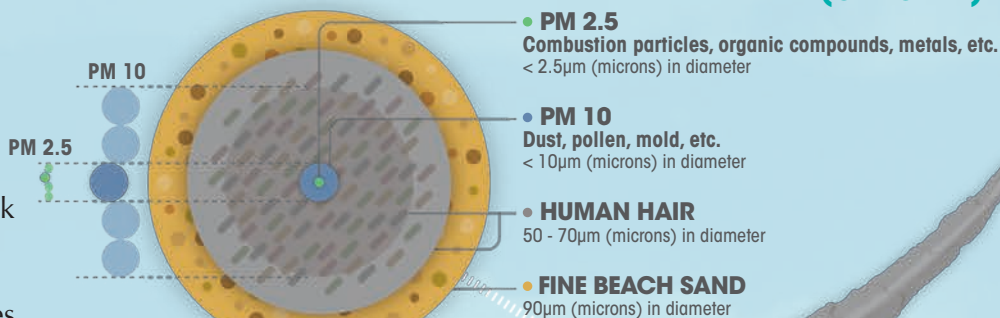


The filter catches dead mites and their droppings, pollen and other allergens on the filter filament, then decompose them with artificial enzymes. This break down allergen proteins into non allergen proteins. The complicated process involves destruction of undesirable proteins S-S bonds. The result is healthier, purer air.



ANTI-ALLERGY ENZYME FILTER

ANTI-ALLERGY ENZYME FILTER (OPTIONAL)



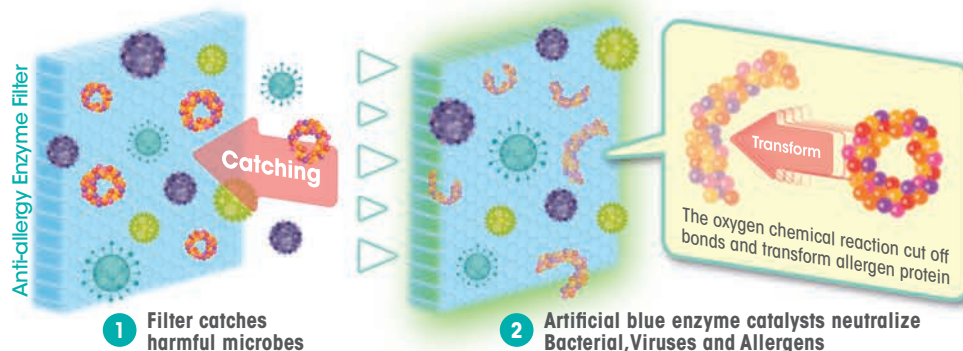
CLOSE-UP COMPARISON (microns) in diameter

The filter attacks particles a thousand times smaller than the diameter of human hair.



Neutralizes
99.9%
VIRUS &
BACTERIA
within
24
HOURS

ELECTROSTATIC ANTI-ALLERGY ENZYME FILTER MECHANISM



Easy, Clean & Comfortable



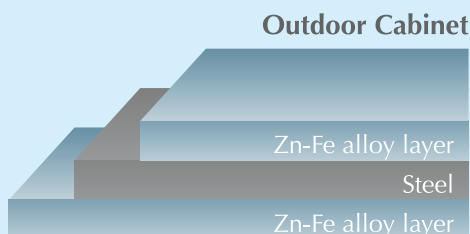
Easy Clean Design

The easily detachable panel is a snap to wash and the airflow vents can be opened without any special tools for quick cleaning of the inside of the air conditioner. It is recommended that the air conditioner be cleaned regularly as this will increase both operating efficiency and energy savings. Always clean the heat exchanger, fan and air vent to ensure proper performance and economical operations.



Anti-Rust Treatment (Blue Fin)

Each cabinet of the outdoor unit has been applied with a special anti-rust treatment.



Fuzzy Logic "I Feel"

Is the room too hot, too cold, too dry or too humid? On auto mode selection, the fuzzy logic control system adjusts condition to suit you. Your selected temperature setting will be stored in the memory system and generate automatically every time you operate the aircon.



Auto Mode

We offer you an easy way to comfort with auto mode. "Auto Vane" is created to set the vane angle automatically. "Auto Fan" is created to adjust airflow speed automatically. These allow ideal temperature to be achieved in the shortest time.



LCD Remote Controller

From temperature and operation modes to air volume and direction, you will be able to customize your environment at the touch of the button. Large and easy to identify buttons allow easy access to frequent used functions. The LCD display allows you to check temperature and operating condition at a glance with an easy slide cover that prevents inadvertent operations of preset controls and other functions.



Inverter Technology

DC
Inverter

The Quiet Air Conditioner in the Market

A high efficiency DC motor drives the fan of the outdoor unit. It offers up to 60% greater efficiency than an equivalent motor.



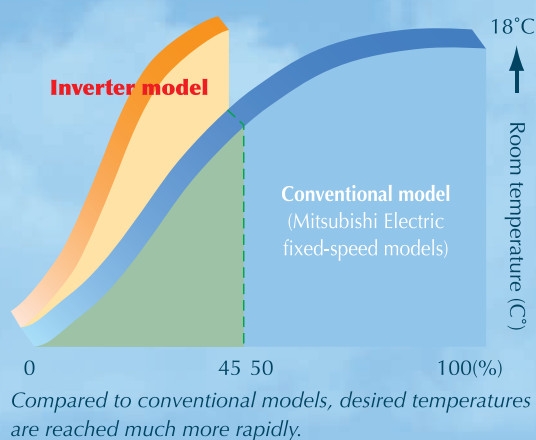
Joint Wrap DC Motor

Mitsubishi Electric's unique Joint Wrap Motor is environmentally friendly, using less copper wiring than conventional motors through the employment of joint wrap production techniques. This concentrated winding DC motor features our original high density, concentrated winding technique and a reliable, high efficient motor.



Higher Speed Cooling

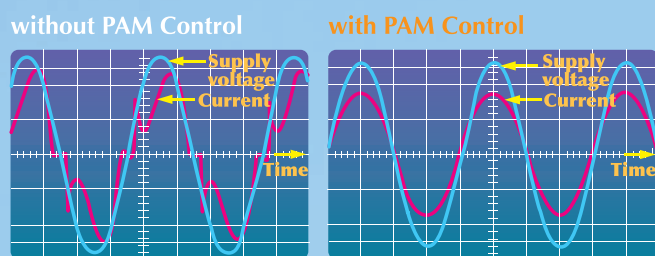
Our advanced inverter technology enables efficient high-speed cooling by precisely and flexibly controlling the rotation of the compressor according to individual cooling needs. Example, during summer months, the compressor speed is automatically set at a maximum level of 30% faster than non inverter models. Thus, the room takes lesser time to cool.



PAM
Control

Pulse Amplitude Modulation

Electricity can be used efficiently with less loss, the current wave resembles the supply voltage wave. PAM is a method for controlling the form of waves so that it conforms to the supply voltage waves. With PAM, 98% of input power supply is effectively used.

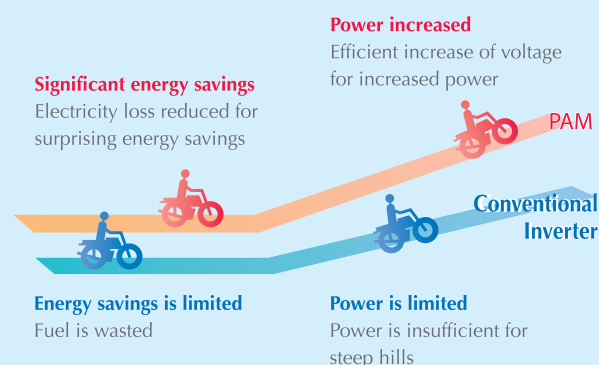


PAM adjusts the form of current wave so that it is close to that of the supply voltage wave. High harmonics is reduced and 98% of the electricity is utilized.

Optimum Comfort Year-Round

To ensure that a room is never too cold or too hot, inverter technology allows the air conditioner to detect subtle fluctuations in room temperature and adjust automatically. Unlike conventional air conditioning units that must start or stop repetitively, inverter units offer finely tuned operation - such as the accurate control of compressor rotation - for a more comforting airflow and far less temperature variations.

Using a Motorcycle as an Example

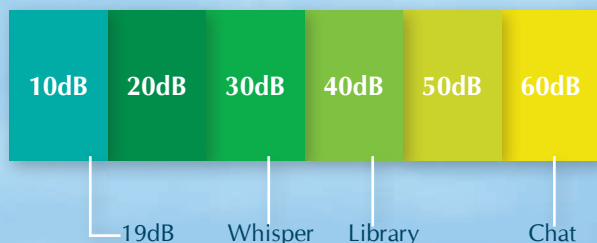


**This diagram illustrates the merits of PAM Control.*

Silent Operation & Energy Saving Technology

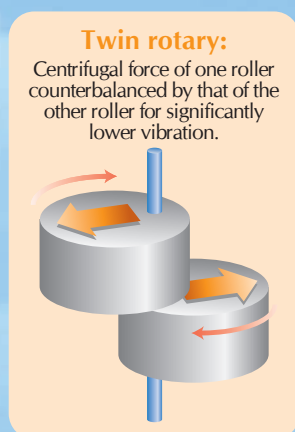
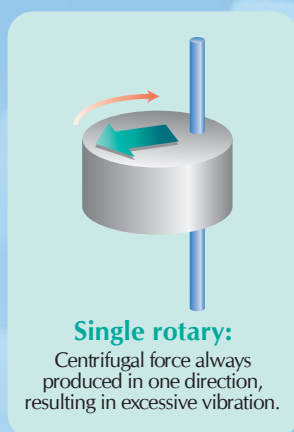
Only
19dB

The Quiet Air Conditioner in the Market



Noise level for silent mode operation is only at 19dB for MSY-GP10VF and MSXY-FP10,13VG making them one of the quiet units in the market. The multi-angled heat exchanger has a modified fin shape that reduces air resistance for a smoother, quieter airflow. The wide fan diameter produces great airflow at lower fan speeds and the uneven pitch between each fan blade helps to eliminate noise.

Twin Rotary Compressor ensure Peace and Quiet

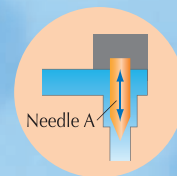


Unlike conventional models with single rotary, all Inverter Multi Split System outdoor units feature a twin rotary compressor that provides balanced rotation as the centrifugal force of one roller is counterbalanced by the other. This significantly reduces both vibration and noise. This is why Mitsubishi Electric's outdoor units are so peacefully quiet.

NEW
LEV

New LEV Control

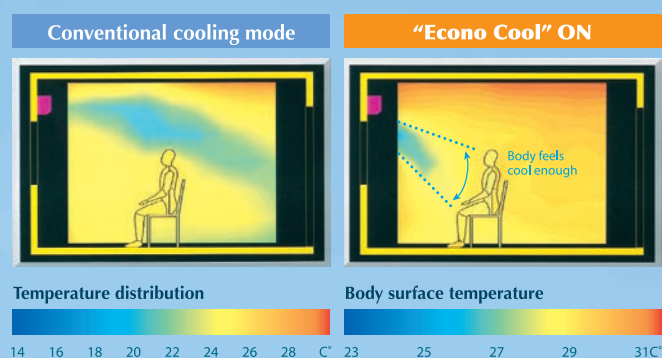
Linear Expansion Valve automatically adjusts the volume of refrigerant flowing through the air conditioner according to air conditioning load. When the load is low, Needle A drops, restricting the flow path and decreasing the volume of refrigerant. Circulation is then optimized to facilitate more economical operation.



Econo Cool

Econo Cool – Smart Save

The Econo Cool, one touch operation automatically adjust the direction of the airflow based on the temperature at the air outlet. The set temperature can therefore be 2°C above conventional temperature setting without loss of comfort and with 20% increase in energy efficiency.



	Conventional	Econo Cool
Ambient temperature	35°C	35°C
Set temperature	25°C	27°C
Perceived temperature	30°C	29.3°C

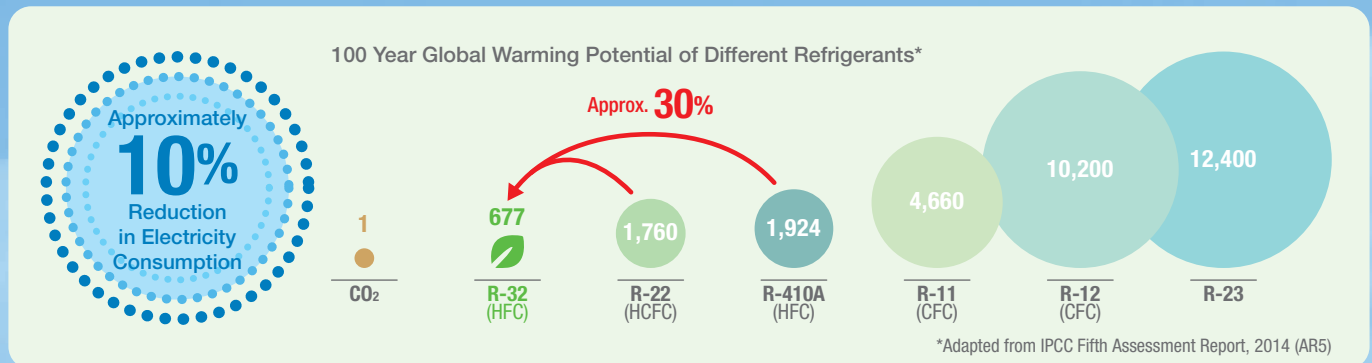


Benefits of R32 Gas

A new genesis gas lowering green house effect

Low in GWP Value

Refrigerant has been a debatable topic as a contribution factor that harm the ozone layer. R32 gas - an environmentally friendly and energy efficient refrigerant offers a new alternative. Having a low GWP value of only 677, its 1/3 of the GWP value that R410A carries, lowering carbon emission by 30%.



Requires Less Refrigerant Volume

The lower density characteristic of R32 air conditioning systems require 15-20% less refrigerant than R410A equivalents, making them more efficient. This means, lower carbon emission and lower energy cost with the same performance.



Single Component of Gas

R32 is a single compound, CH₂F₂ unlike R410A which is a mixture of difluoromethane and pentafluoroethane. Being a single component gas, R32 gas is more convenient to R410A gas. This will result in a smaller footprint, despite using compressors with the same capacity.

Higher Efficiency

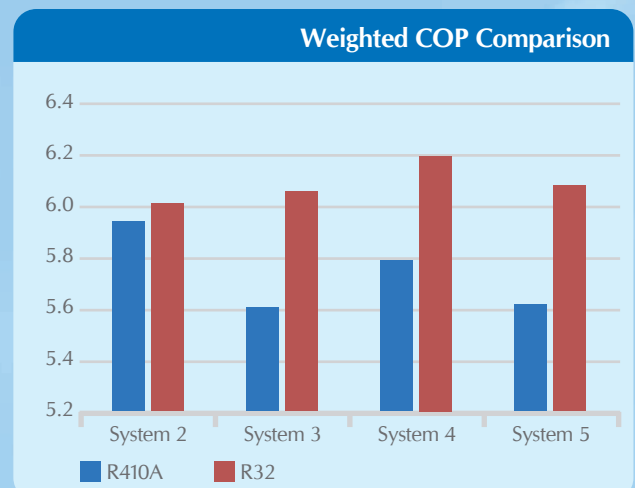
R32 gas has a higher cooling capacity due to its higher critical temperature of 78.11°C. This results in higher efficiency and higher COP in the R32 gas system. In return, it approximately saves 10% of the electricity bill when compared to using R410A gas.



System 5- R410A
MXY-5G48VA2
Dimension (W x D x H)
950 x 330 x 1048mm



System 5- R32
MXY-5H48VG
Dimension (W x D x H)
950 x 330 x 796mm



FEATURES

Energy Saving

- DC Inverter
- Temperature Range Restriction
- PAM Control
- New LEV Control
- Econo Cool

Comfort

- The Quiet Air-Conditioner In The Market
- Computerised Dehumidification
Eliminate dampness for healthier and more comfortable air-conditioning, while enjoying great year-round economy.
- 5 Step Vane Control & Swing Mode
Five different airflow patterns & "Swing" mode match the interior layout and people in the room.
- Quiet Operation
- Powerful Cool
- Auto Mode
- Fuzzy Logic "I Feel"
- Wide Control
- Long Air-flow

Installation & Maintenance

- Easy Clean Design
- Durable Electronic Metal Housing Box
This special box protects the electronic circuitry from dust ensuring its reliable operation and preventing fire in the event of a short circuit.
- Anti-Rust Treatment
- Emergency Circuit Protection
In the event of a sudden power surge, e.g. lighting, the circuits of 3 safety barriers (fuse, baristor, and surge absorber) are automatically broken first to protect the printed circuit board (PCB).
- Self-Diagnostic Function
In the unlikely event of a malfunction, the LED on the indoor unit flashes to indicate the exact spot to be checked.

Fresh Air

- Anti-Allergy Enzyme Filter (Optional)
(MSY-GP10/13/15/18/20VF, MSXY-FP Series)
- Electrostatic Anti-allergy Enzyme Filter (Optional)
The filter is charged with static electricity, enable it to trap allergens such as molds and bacteria and decompose them using enzymes retained in the filter. (MSY-GP24VF)
- Nano Platinum Filter
The filter has a large capture area and incorporates nanometre-sized platinum-ceramic particles that work to kill bacteria and deodorize the circulating air. Better dust collection than conventional filters is also ensured.
- Microparticles Catching Filter
Filter effectively eliminates PM2.5 particles to maintain clean air in the room. Removal efficiency of particulates sizes ranging 0.3-2.5µm after operation for 200min using MSXY-FN20VE micro-particle entrapment filter in 28m³ enclosed space with tidal air circulation volume of 0.5/hr (in-house test).
- Dual Barrier Coating
Prevents dust and greasy dirt from sticking onto the coated air conditioner.

Convenience

- Operation Lock
Prevent Operation settings from being changed.
- Multi-Language
Control panel operation in eight different languages.
- 24-Hour On/Off timer
On/Off operation can be set simultaneously in 10-minute increment for a 24-hour period.
- Weekly Timer
Easily set desired temperatures and operation start/stop times to match lifestyle patterns.
- Auto Restart
This function permits automatic return to previous operation conditions after a sudden power black-out. You can now sleep peacefully all through the night without having to get up and turn your air-conditioner back on.
- Smart Set
This is a simplified setting function that recalls the preferred (preset) temperature by pressing a single button on the remote controller.

Guaranteed Operating Range:



Mr.SLIM

		Indoor	Outdoor	Indoor	Outdoor
		MSXY-FP10/13/18/20/24VG MSY-GP10/13/15/18/20/24VF PEY-M50/60/71JAL SEZ-M35/50/71 DAL	MXV-5H48VG MXV-4H38VG MXV-4H33VG MXV-3H28VG MXV-2H20VF MUY-GP10/13/15/18/20/24VF	PCY-M125KAL PLY-ZM50EA PLY-M60/80/100/125EA PEY-M50/60/80/100/125JAL2	SUY-ZM50VA SUY-M60/80/100VA PUY-M125VKA
Cooling	Upper limit	32°C DB /23°C WB	46°C DB	32°C DB /23°C WB	46°C DB

Note

- Rating conditions: Cooling – Indoor: 27°C DB / 19°C WB; Outdoor: 35°C DB. Refrigerant piping length (one way): 5 meters / indoor unit (inverter)
- Due to the compact high efficient design of heat exchanger, the use of wall mounted and cassette fan coil units are not recommended for hair saloon and massage parlour environment. Please contact our Dealers for recommendations of appropriate models.
- For wall mounted units, during COOL or DRY operation with the vane angle at Angle 4 or 5 when the compressor cumulative operation time exceeds 1 hour, the vane angle automatically changes to Angle 3 for dew prevention.

Inverter Single Split System



Mitsubishi Electric
StarMEX
Air-Conditioner

The GP Series is designed for optimum cooling performance as well as operational comfort. Quiet, energy-saving operation is supported by some of Mitsubishi Electric's latest technologies.



Indoor Unit



Dimensions (W X D X H):
799 X 232 X 290 mm

MSY-GP10VF
Cooling capacity: 2.5kW



Dimensions (W X D X H):
923 X 250 X 305 mm

MSY-GP13VF
Cooling capacity: 3.5kW

MSY-GP18VF
Cooling capacity: 4.8kW

MSY-GP15VF
Cooling capacity: 4.2kW

MSY-GP20VF
Cooling capacity: 6kW



Dimensions (W X D X H):
1100 X 238 X 325 mm

MSY-GP24VF
Cooling capacity: 6.6kW



MUY-GP10/13/15VF
Dimensions (W X D X H):
800 X 285 X 550 mm



MUY-GP18/20VF
Dimensions (W X D X H):
800 X 285 X 714 mm



MUY-GP24VF2
Dimensions (W X D X H):
840 X 330 X 880 mm



Model															
Indoor		MSY-GP10VF		MSY-GP13VF		MSY-GP15VF		MSY-GP18VF		MSY-GP20VF		MSY-GP24VF			
Outdoor		MUY-GP10VF		MUY-GP13VF		MUY-GP15VF		MUY-GP18VF		MUY-GP20VF		MUY-GP24VF2			
Function & Type		Cooling, Wall Mounted													
Capacity (Min - Max)		kW		2.5 (1.1 - 3.5)		3.5 (1.5 - 4.1)		4.2 (1.5 - 4.8)		4.8 (1.5 - 6.0)		6.0 (1.5 - 7.2)		6.4 (2.4 – 9.2)	
Power Input		kW		0.51		0.81		0.97		1.11		1.58		1.48	
Starting Current		A		2.70		3.80		4.50		5.00		7.00		6.60	
Running Current		A		2.70		3.80		4.50		5.00		7.00		6.60	
Airflow		CMM (m³/min)		4.3-5.4-7.2-9.3-13.6		6.1-10.7-12.2-15.0-18.0		8.6-10.7-12.2-15.0-19.2		6.8-9.1-12.2-14.8-18.4		6.8-9.1-12.2-14.8-19.0		9.1-13.1-17.5-20.7	
Dimension (W X D X H)		Indoor		mm		799 x 232 x 290		923 x 250 x 305		800 x 285 x 714		1100 x 238 x 325		840 x 330 x 880	
		Outdoor		mm		800 x 285 x 550									
Net Weight		Indoor		kg		9		13		37.0		14.8		50.0	
		Outdoor		kg		32.0									
Indoor Sound Level*		(Silent - High)		dB(A)		19-24-31-38-47		21-33-38-44-48		28-33-38-44-49		29-37-41-45-49		30-41-45-52	
Outdoor Sound Level*				dB(A)		46		47		50		54		57	
Connection Method		Indoor/Outdoor		Flared											
External Piping		Diameter		Gas (ø)		mm		9.52		12.70		15.88			
				Liquid (ø)		mm				6.35					
Piping Length		Max. length		m		20		30							
		Max. height		m		12		15							
Refrigerant		R32													
Power Supply		V, Phase, Hz													
Pre-charged Refrigerant Quantity (Max)		kg		0.97 (0.97)		1.00 (1.00)		1.25 (1.25)		1.60 (1.60)					
Energy Labelling Scheme															
Energy Labelling Scheme															
Energy Labelling Scheme															

* Note: Sound level is measured in anechoic chambers.

Conversion formula: Btu/h=kW x 3412

Inverter Multi Split System



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starMEX
Air-Conditioner

Our Inverter Technology adjusts cooling capacity in response to conditions such as the difference between the outside and inside air temperatures, allowing our air conditioners to run more efficiently and reduce energy costs.



Indoor Unit



Dimensions (W X D X H) : 799 X 232 X 290 mm

MSXY-FP10VG

Cooling capacity: 2.8kW*

MSXY-FP13VG

Cooling capacity: 3.5kW*

MSXY-FP18VG

Cooling capacity: 5.0kW*

EASY CLEAN



Dimensions (W X D X H) : 923 X 250 X 305 mm

MSXY-FP20VG

Cooling capacity: 6.0kW*

MSXY-FP24VG

Cooling capacity: 7.1kW*

EASY CLEAN



Outdoor Unit

System 3

3 Rooms **MXY-3H28VG** Outdoor unit 1:3 Indoor units

(Optional drainage kit is available)



MXY-3H28VG

Dimensions (W X D X H) :
840 X 330 X 710 mm



Room A

Room B

Room C

System 4

4 Rooms **MXY-4H33VG** Outdoor unit 1:4 Indoor units

(Optional drainage kit is available)



MXY-4H33VG

Dimensions (W X D X H) :
840 X 330 X 710 mm



Room A

Room B

Room C

Room D

Inverter Multi Split System



Mitsubishi Electric
StarMEX
Air-Conditioner

Our Inverter Technology adjusts cooling capacity in response to conditions such as the difference between the outside and inside air temperatures, allowing our air conditioners to run more efficiently and reduce energy costs.



Indoor Unit



Dimensions (W X D X H) : 799 X 232 X 290 mm

MSXY-FP10VG

Cooling capacity: 2.8kW*

MSXY-FP13VG

Cooling capacity: 3.5kW*

MSXY-FP18VG

Cooling capacity: 5.0kW*

EASY CLEAN



Dimensions (W X D X H) : 923 X 250 X 305 mm

MSXY-FP20VG

Cooling capacity: 6.0kW*

MSXY-FP24VG**

Cooling capacity: 7.1kW*

EASY CLEAN

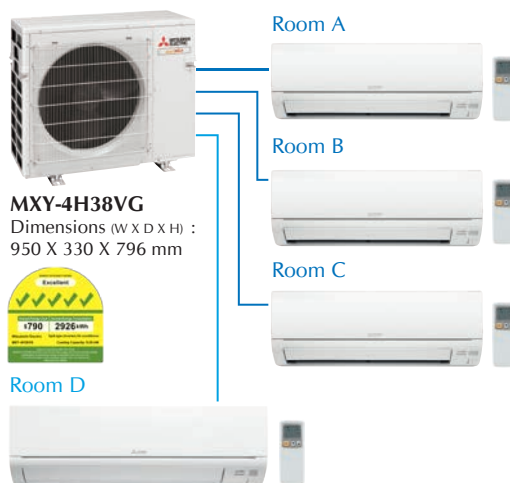


Outdoor Unit

System 4

4 Rooms **MXY-4H38VG** Outdoor unit 1:4 Indoor units

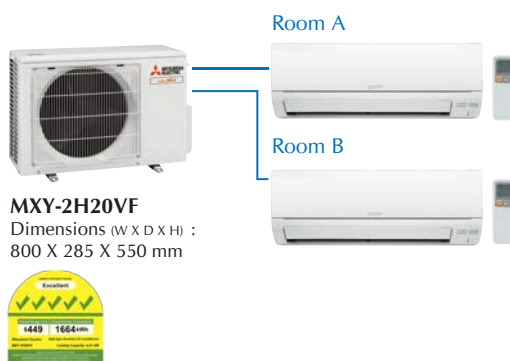
(Optional drainage kit is available)



System 2

2 Rooms **MXY-2H20VF** Outdoor unit 1:2 Indoor units

(Optional drainage kit is available)



Inverter Multi Split System



Mitsubishi Electric
StarMEX
Air-Conditioner

Our Inverter Technology adjusts cooling capacity in response to conditions such as the difference between the outside and inside air temperatures, allowing our air conditioners to run more efficiently and reduce energy costs.



Indoor Unit



Dimensions (W X D X H) : 799 X 232 X 290 mm

MSXY-FP10VG

Cooling capacity: 2.8kW*

MSXY-FP13VG

Cooling capacity: 3.5kW*

MSXY-FP18VG

Cooling capacity: 5.0kW*

EASY CLEAN



Dimensions (W X D X H) : 923 X 250 X 305 mm

MSXY-FP20VG

Cooling capacity: 6.0kW*

MSXY-FP24VG

Cooling capacity: 7.1kW*

EASY CLEAN

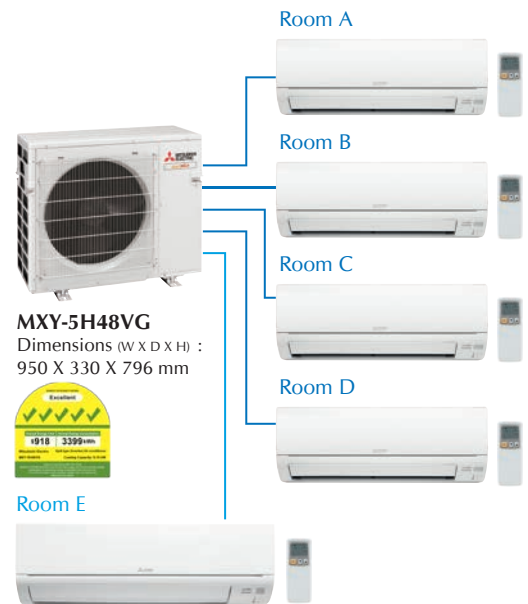


Outdoor Unit

System 5

5 Rooms **MXY-5H48VG** Outdoor unit 1:5 Indoor units

(Optional drainage kit is available)



Our New Starmex series range is designed to achieve industry's leading seasonal energy efficiency through use of new technologies and high-performance compressor.



Indoor Unit



MSXY-FP10/13/18VG
Dimension (W X D X H): 799 X 232 X 290 mm



MSXY-FP20/24VG
Dimension (W X D X H): 923 X 250 X 305 mm



Outdoor Unit



MXV-2H20VF
Dimension (W X D X H):
800 X 285 X 550 mm



MXV-3H28VG / MXV-4H33VG
Dimension (W X D X H):
840 X 330 X 710 mm



MXV-4H38VG / MXV-5H48VG
Dimension (W X D X H):
950 X 330 X 796 mm

Multi Split System

Model- Indoor Unit			MSXY-FP10VG	MSXY-FP13VG	MSXY-FP18VG	MSXY-FP20VG	MSXY-FP24VG
Rated Capacity ^	kW		2.8	3.5	5.0	6.0	7.1
Power Input	kW		0.028	0.036	0.042	0.059	
Running Current	A		0.27	0.33	0.38	0.52	
Airflow Rate	CMM (m³/min)		4.1-5.1-6.3-9.1-12.9	4.1-5.1-6.3-9.1-14.1	6.2-7.7-9.5-12.1-14.8	9.3-11.1-13.7-16.1-20.0	
Sound Level *	dB(A)		19-24-29-36-45	19-24-30-36-47	28-33-38-44-49	30-35-41-45-50	
Dimension (W X D X H)	mm		799 X 232 X 290				923 x 250 x 305
Net Weight	kg		9				13
External Piping	Diameter	Gas (ø)	mm				12.70
		Liquid (ø)	mm				6.35

Model- Outdoor Unit				MXV-2H20VF	MXV-3H28VG	MXV-4H33VG	MXV-4H38VG	MXV-5H48VG
Capacity (Min - Max)		kW		4.5 (1.3 - 6.5)	6.5 (1.3 - 8.9)	6.9 (1.3 - 10.7)	8.0 (1.4 - 11.6)	9.2 (1.4 - 13.0)
Power Input		kW		0.91	1.33	1.42	1.62	1.89
Starting Current		A		4.88	5.93	6.37	7.22	8.43
Running Current		A		4.88	5.93	6.37	7.22	8.43
Airflow		CMM (m³/min)		32.9	38.7		59.2	64.7
Dimension (W X D X H)		Outdoor mm		800 x 285 x 550	840 x 330 x 710		950 x 330 x 796	
Net Weight		Outdoor kg		37	55	56	58	61
Outdoor Sound Level *			dB(A)	49				
Connection Method			Indoor/Outdoor	Flared				
External Piping	Diameter	Gas (ø)	mm	2 no X 9.52	3 no X 9.52	1 no X 12.70 + 3 no X 9.52		1 no X 12.70 + 4 no X 9.52
		Liquid (ø)	mm	2 no X 6.35	3 no X 6.35	4 no X 6.35		5 no X 6.35
Piping Length	Max Length (Each)		m	20	25			
	Max. Length		m	30	60		70	75
	Max. Height**		m	15				
Refrigerant				R32				
Power Supply V, Phase, Hz				230, 1, 50				
Pre-charged Refrigerant Quantity (Max)		kg		1.20 (1.20)	1.65 (1.65)	1.85 (1.85)	2.00 (2.00)	2.20 (2.20)
No. of connectable indoor units (System)				2	3	4		5
Energy Labelling Scheme								

*Note: Sound level is measured in anechoic chambers. ** If the outdoor unit is installed higher than the indoor unit, max. height is reduced to 10m. ^ It depends on combination.

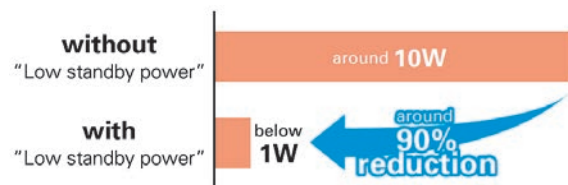
FP Series

Introducing a compact and stylist indoor unit with amazing quiet performance. Having advantage of neat installations in small bedrooms made possible, and increase in energy-savings by selecting the optimal capacity required for each room.



Low Standby Power

Electrical devices consume standby power even when they are not in actual use. While we obviously strive to reduce power consumption during actual use, reducing this wasted power that cannot be seen is also very important.



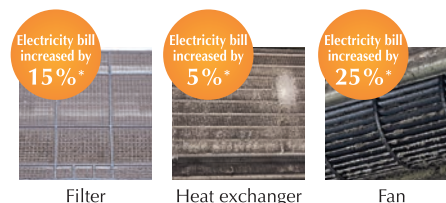
MSXY-FP



Easy Clean Design

The easily detachable panel is a snap to wash and the airflow vents can be opened without any special tools for quick cleaning of the inside of the air conditioner. It is recommended that the air conditioner be cleaned regularly as this will increase both operating efficiency and energy-savings. Always clean the heat exchanger, fan and air vent to ensure proper performance and economical operation. It reduces your electricity bill by approx. 45%*.

*Electricity bill comparison of operation under fixed temperature with 8 grams of soil on the fan and one without. Based on internal company data. **Cleaning of filter and heat exchanger is possible by removing the panel.



Dual Barrier Coating

Dual Barrier Coating prevents dust and greasy dirt from sticking onto the coated air conditioner. Dirt is generally classified into two groups: hydrophilic dirt such as fiber dust and sand dust, and hydrophobic dirt such as oil and cigarette smoke. Mitsubishi Electric's unique dual barrier coating prevents both hydrophilic and hydrophobic dirt from sticking onto the air conditioner. This dual coating on the inner surface keeps the air conditioner clean all year round and improves energy efficiency while delivering comfortable clean air.

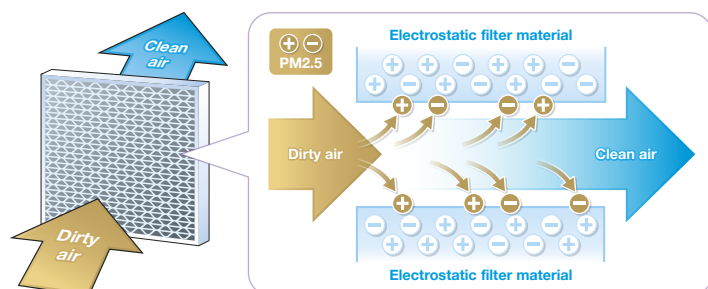
PM2.5

Microparticles Catching Filter

Filter effectively eliminates PM2.5 particles to maintain clean air in the room. Removal efficiency of particulates sizes ranging 0.3-2.5 μ m after operation for 200min using MSXY-FN20VE microparticle entrapment filter in 28m³ enclosed space with tidal air circulation volume of 0.5/hr (in-house test).

Effectively catches floating PM2.5 particles to maintain clean air in the room.

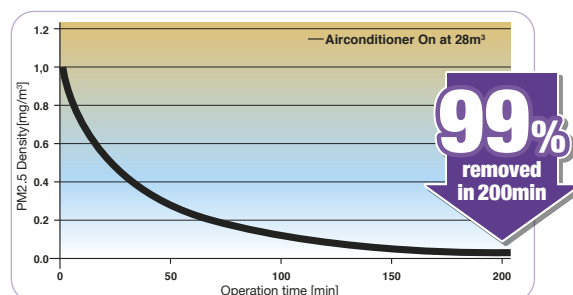
- Electrostatic filter even effectively removes and eliminates miniscule particulate materials.



Microparticle catching filter

Electrostatic material removes PM2.5 from the air and absorbs it when passing through the filter

- PM2.5 removal efficiency



Test conditions: Removal efficiency of particulates sizes ranging 0.3-2.5 μ m after operation for 200min using FN20 microparticle catching filter in 28m³ enclosed space with tidal air circulation volume of 0.5/hr (in-house test)

PEY Series

This concealed ceiling-mounted indoor unit series is compact, and fits easily into bedrooms lowered ceilings. Highly reliable energy savings performance makes it a best match choice for concealed unit installations.

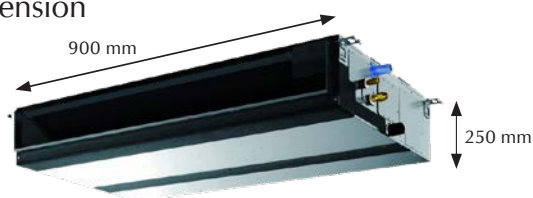


Compact Ceiling Concealed Style

With our "ceiling concealed model", the air-conditioner unit itself is enclosed in the ceiling cavity, leaving only the outlet and inlet grille mounted on the ceiling surface. This greatly helps the air conditioning system to keep the quality of your interior decor.

Unit size has also been made more compact, slashing installation space and also facilitating concealed use in buildings where exposed format units have been the rule in the past.

Dimension



PEY-M50/60JAL



PEY-M50/60/71JAL

Wider Selection of Fan Speed and Static Pressure Level

Three fan speeds (Low-Mid-High) and five static pressure levels (35-50-70-100-125Pa) are available by using the DC fan motor to meet various application needs.

Indoor				PEY-M50JAL	PEY-M60JAL	PEY-M71JAL
Rated Capacity (Min-Max)**		kW		5.0 (1.5-5.8)	6.0 (1.6-6.7)	7.1 (1.7-8.5)
Power Input		kW		0.11		0.17
Max Running Current		A		1.39		1.97
Airflow Rate (Lo-Mid-High)		CMM (m³/min)		12.0-14.5-17.0		17.5-21.0-25.0
Sound Level (Lo-Mid-High)*		dB(A)		30-35-39		30-34-39
Dimension (W X D X H)		mm		900 X 732 X 250		1100 X 732 X 250
Net Weight		kg		27.0		30.5
External Piping	Diameter	Gas (ø)	mm	12.70		15.88
		Liquid (ø)	mm	6.35		9.52
Static Pressure		Pa		35-50-70-100-125		

*Note: sound level is measure in anechoic chambers (based on 50Pa) **Varies according to connected CU model
Total indoor running current must not exceed 3 Amps when connecting PEY-M indoor units with MXY-H series

SEZ Series

Compact type fits neatly into lowered ceiling, achieving stringent economy in all aspects of air conditioning.

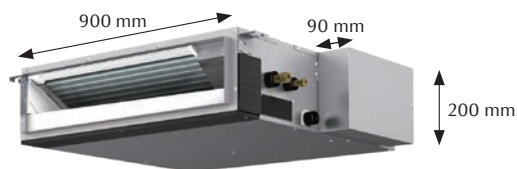


Compact Ceiling Concealed Units

Only the intake-air grille and outlet vents are visible when using this ceiling concealed indoor unit. The rest of the unit is conveniently hidden in the ceiling cavity, essentially leaving the ceiling and walls free of bulky looking devices and maintaining a high-class interior décor.

The compact units require minimal space and can be installed in buildings with lowered ceilings, where exposed units were the rule in the past.

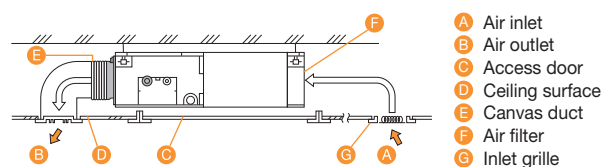
Dimension



SEZ-M35/50DAL



SEZ-M35/50/71 DAL



Wide Selection of Fan Speed and Static Pressure Level

Three fan speeds (Low - Med - Hi) and four static pressure levels (5 - 15 - 35 - 50Pa) are available by using the DC fan motor to meet various needs.

Drain Pump (Optional)

The PAC-KE07DM-E drain pump is now available as an option. With the pump, a drain hose length of up to 550mm can be used, leading to increased installation possibilities.

Indoor				SEZ-M35DAL	SEZ-M50DAL	SEZ-M71DAL
Rated Capacity (Min-Max)**		kW		3.5 (1.4-4.3)	5.0 (1.5-5.8)	7.1 (1.7-8.5)
Power Input		kW		0.05	0.07	0.10
Max Running Current		A		0.46	0.63	0.84
Airflow Rate (Lo-Mid-High)		CMM (m³/min)		7.0-9.0-11.0	10.0-12.5-15.0	12.0-16.0-20.0
Sound Level (Lo-Mid-High)*		dB(A)		23-28-33	30-34-37	30-35-40
Dimension (W X D X H)		mm		990 × 700 x 200		1190 × 700 x 200
Net Weight		kg		21	22	25.5
External Piping	Diameter	Gas (ø)	mm	9.52	12.70	15.88
		Liquid (ø)	mm	6.35		9.52
Static Pressure		Pa		5-15-35-50		

*Note: sound level is measure in anechoic chambers (based on 15Pa)

**Varies according to connected CU model

Mr. SLIM

Inverter Single Split System



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PLY Series

Indoor Unit



PLY-M60EA#
Cooling Capacity: 6.0kW



Dimensions (W X D X H) :
840 X 840 X 258 mm



PLY-ZM50EA#
Cooling capacity: 5.1kW

PLY-M80EA#
Cooling Capacity: 7.6kW

PLY-M100EA#
Cooling Capacity: 9.5kW

PLY-M125EA#
Cooling Capacity: 11.4kW



Dimensions (W X D X H) :
840 X 840 X 298 mm



Outdoor Unit



SUY-ZM50VA/M60VA
Dimensions (W X D X H) :
800 X 285 X 714 mm



SUY-M80VA/M100VA
Dimensions (W X D X H) :
840 X 330 X 880 mm



PUY-M125VKA
Dimensions (W X D X H) :
1050 X 330 X 981 mm

Mr Slim Inverter Ceiling Cassette Type PLY Series

Model								
Indoor			PLY-ZM50EA	PLY-M60EA	PLY-M80EA	PLY-M100EA	PLY-M125EA	
Outdoor			SUY-ZM50VA	SUY-M60VA	SUY-M80VA	SUY-M100VA	PUY-M125VKA	
Function & type			Cooling, Ceiling Cassette					
Capacity (Rated/Max)		kW	5.1 (5.7)	6.0 (6.5)	7.6 (8.9)	9.5 (11.3)	11.4 (14.0)	
Power Input		kW	1.03	1.37	1.76	2.51	3.02	
Running Current		A	4.80	6.30	8.10	11.60	13.70	
Airflow		CMM(m³/min)	14-17-20-23	16-18-20-23	17-21-25-29	21-25-28-32	26-29-32-34	
Dimension (W X D X H)	Indoor	mm	840 x 840 x 298	840 x 840 x 258	840 X 840 X 298			
	Outdoor	mm	800 x 285 x 714			840 X 330 X 880	1050 X 330 X 981	
Net Weight	Indoor	kg	27	21	24	27		
	Outdoor	kg	35			43	63	
Indoor Sound level *	(Silent - High)	dB(A)	23-27-31-35	28-31-34-37	27-32-37-41	32-37-41-44	39-41-44-46	
Outdoor Sound Level *		dB(A)	48			54	55	
Connection method	Indoor/Outdoor		Flared					
External Piping	Diameter	Gas (ø)	mm	15.88				
		Liquid (ø)	mm	9.52				
Heat Exchanger**			Multiflow Condenser (MFC)					
Piping Length	Max. Length ***	m	20			30	50	
	Max. Height	m	12			15	30	
Power Supply		V, Phase, Hz	230, 1, 50					
Pre-charged Refrigerant Quantity (Max)			kg	1.01 (1.01)	0.85 (0.85)	0.96 (0.96)	1.06 (1.06)	1.20 (1.20)
Energy labelling scheme								

*Note: Sound level is measured in anechoic chambers.

** Only applicable to outdoor unit.

***Refrigerant recovery equipment is required for pump down operation for piping exceeding 7m.

Kindly discuss with your installer on the placement of Advisory label.

Conversion formula: Btu/h=kW x 3412

Mr. SLIM Inverter Single Split System



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PEY Series

Indoor Unit



Dimensions (W X D X H) :
900 X 732 X 250 mm



Dimensions (W X D X H) :
1100 X 732 X 250 mm



Dimensions (W X D X H) :
1400 X 732 X 250 mm

PEY-M50JAL2#
Cooling capacity: 5.0kW
PEY-M60JAL2#
Cooling capacity: 6.0kW



PEY-M80JAL2#
Cooling capacity: 8.0kW



PEY-M100JAL2#
Cooling capacity: 10.0kW
PEY-M125JAL2#
Cooling capacity: 12.5kW



Outdoor Unit



SUY-ZM50VA/M60VA
Dimensions (W X D X H) :
800 X 285 X 714 mm



SUY-M80VA/M100VA
Dimensions (W X D X H) :
840 X 330 X 880 mm



PUY-M125VKA
Dimensions (W X D X H) :
1050 X 330 X 981 mm

Mr Slim Inverter Ceiling-Concealed Type PEY Series

Model							
Indoor			PEY-M50JAL2	PEY-M60JAL2	PEY-M80JAL2	PEY-M100JAL2	PEY-M125JAL2
Outdoor			SUY-ZM50VA	SUY-M60VA	SUY-M80VA	SUY-M100VA	PUY-M125VKA
Function & type			Cooling, Ceiling Concealed				
Capacity (Rated/Max)		kW	5.0 (5.7)	6.0 (6.5)	8.0 (8.9)	10.0 (11.3)	12.5 (14.0)
Power Input		kW	1.43	1.89	2.15	3.20	4.05
Running Current		A	6.6	8.6	9.7	14.5	18.2
Airflow		CMM(m³/min)	12.0-14.5-17.0		17.5-21.0-25.0	29.5-35.5-42.0	
Dimension (W X D X H)	Indoor	mm	900 x 732 x 250		1100 x 732 x 250	1400 x 732 x 250	
	Outdoor	mm	800 x 285 x 714		840 X 330 X 880		1050 x 330 x 981
Net Weight	Indoor	kg	27		30	39	
	Outdoor	kg	35		43	63	
Indoor Sound level *	(Silent - High)	dB(A)	28-32-36		29-33-37	36-40-44	
Outdoor Sound Level *		dB(A)	48		54	55	
Connection method	Indoor/Outdoor		Flared				
External Piping	Diameter	Gas (ø)	mm		15.88		
		Liquid (ø)	mm		9.52		
Heat Exchanger**			Multiflow Condenser (MFC)				
Piping Length	Max. Length***	m	20		30		50
	Max. Height	m	12		15		30
Power Supply		V, Phase, Hz	230, 1, 50				
Pre-charged Refrigerant Quantity (Max)		kg	1.01 (1.01)	0.85 (0.85)	0.96 (0.96)	1.06 (1.06)	1.20 (1.20)

*Note: Sound level is measured in anechoic chambers.

** Only applicable to outdoor unit.

***Refrigerant recovery equipment is required for pump down operation for piping exceeding 7m.

Kindly discuss with your installer on the placement of Advisory label.

Conversion formula: Btu/h=kW x 3412

Mr. SLIM

Inverter Single Split System



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PCY Series

Indoor Unit



PCY-M125KAL#

Cooling capacity: 11.4kW

Dimensions (W X D X H) : 1600 X 680 X 230 mm



optional

Outdoor Unit



PUY-M125VKA

Dimensions (W X D X H) : 1050 X 330 X 981 mm

Mr Slim Inverter Ceiling-Suspended Type PCY Series

Model				
Indoor			PCY-M125KAL	
Outdoor			PUY-M125VKA	
Function & type			Cooling, Ceiling Suspended	
Capacity (Max)		kW	11.4 (14.0)	
Power Input		kW	3.02	
Running Current		A	13.8	
Airflow		CMM(m³/min)	27-29-32-34	
Dimension (W X D X H)	Indoor	mm	1600 x 680 x 230	
	Outdoor	mm	1050 x 330 x 981	
Net Weight	Indoor	kg	40	
	Outdoor	kg	63	
Indoor Sound level *	(Silent - High)	dB(A)	42-44-46-48	
Outdoor Sound Level *		dB(A)	55	
Connection method	Indoor/Outdoor		Flared	
External Piping	Diameter	Gas (ø)	mm	15.88
		Liquid (ø)	mm	9.52
Heat Exchanger**			Multiflow Condenser (MFC)	
Piping Length	Max. Length***	m	50	
	Max. Height	m	30	
Power Supply		V, Phase, Hz	230, 1, 50	
Pre-charged Refrigerant Quantity (Max)		kg	1.20 (1.20)	
Energy labelling scheme				

*Note: Sound level is measured in anechoic chambers.

** Only applicable to outdoor unit.

***Refrigerant recovery equipment is required for pump down operation for piping exceeding 7m.

Kindly discuss with your installer on the placement of Advisory label.

Conversion formula: Btu/h=kW x 3412

Inverter Multi Split System MXY Series (For private dwellings & HDB flats without current limitation)

Outdoor Unit	Indoor Unit combination		Capacity of each indoor unit (kW)				Total capacity (kW)			Total power input (kW)			Total running current (A)		
	(A + B)		A	B	C	D	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.
MXY-3H28VG	1 Room	10	2.80	-	-	-	2.80	1.40	3.80	0.62	0.38	0.90	2.75	1.69	3.99
		13	3.50	-	-	-	3.50	1.40	4.30	0.81	0.40	1.00	3.59	1.77	4.44
		18	5.00	-	-	-	5.00	1.50	5.30	1.20	0.43	1.56	5.32	1.91	6.92
		20	5.70	-	-	-	5.70	1.60	6.60	1.59	0.47	2.20	7.05	2.09	9.76
		24	5.70	-	-	-	5.70	1.70	7.50	1.61	0.48	2.66	7.14	2.13	11.80
	2 Room	10+10	2.80	2.80	-	-	5.60	2.00	7.00	1.39	0.48	2.16	6.17	2.13	9.58
		10+13	2.62	3.28	-	-	5.90	2.00	7.20	1.40	0.48	2.36	6.21	2.13	10.47
		10+18	2.23	3.97	-	-	6.20	2.00	7.60	1.41	0.48	2.63	6.26	2.13	11.65
		10+20	1.97	4.23	-	-	6.20	2.00	7.80	1.42	0.48	2.71	6.30	2.13	12.00
		10+24	1.75	4.45	-	-	6.20	2.00	8.00	1.44	0.48	2.79	6.39	2.13	12.38
		13+13	3.10	3.10	-	-	6.20	2.00	7.40	1.40	0.48	2.56	6.21	2.13	11.36
		13+18	2.55	3.65	-	-	6.20	2.00	7.70	1.42	0.48	2.68	6.30	2.13	11.89
		13+20	2.28	3.92	-	-	6.20	2.00	7.90	1.43	0.48	2.76	6.34	2.13	12.24
		13+24	2.05	4.15	-	-	6.20	2.00	8.10	1.43	0.48	2.82	6.34	2.13	12.49
		18+18	3.10	3.10	-	-	6.20	2.00	8.00	1.44	0.48	2.80	6.39	2.13	12.42
		18+20	2.82	3.38	-	-	6.20	2.00	8.10	1.42	0.48	2.83	6.30	2.13	12.53
	3 Room	10+10+10	2.07	2.07	2.07	-	6.20	2.40	8.80	1.16	0.48	2.86	5.15	2.13	12.69
		10+10+13	1.91	1.91	2.38	-	6.20	2.40	8.80	1.15	0.48	2.86	5.10	2.13	12.67
		10+10+18	1.64	1.64	2.92	-	6.20	2.40	8.90	1.12	0.48	2.84	4.97	2.13	12.60
		10+10+20	1.57	1.57	3.36	-	6.50	2.40	8.90	1.33	0.48	2.84	5.90	2.13	12.60
		10+13+13	1.77	2.21	2.21	-	6.20	2.40	8.90	1.13	0.48	2.85	5.01	2.13	12.62
		10+13+18	1.54	1.92	2.74	-	6.20	2.40	8.90	1.12	0.48	2.84	4.97	2.13	12.60
		10+20+20	1.17	2.51	2.51	-	6.20	2.40	8.90	1.11	0.48	2.85	4.92	2.13	12.62
		13+13+13	2.07	2.07	2.07	-	6.20	2.40	8.90	1.12	0.48	2.84	4.97	2.13	12.60
MXY-4H33VG	1 Room	10	2.80	-	-	-	2.80	1.40	3.80	0.62	0.38	0.90	2.78	1.70	4.03
		13	3.50	-	-	-	3.50	1.40	4.30	0.82	0.40	1.05	3.68	1.79	4.71
		18	5.00	-	-	-	5.00	1.50	5.30	1.26	0.43	1.68	5.65	1.93	7.53
		20	6.00	-	-	-	6.00	1.60	6.60	1.72	0.47	2.20	7.71	2.11	9.86
		24	6.20	-	-	-	6.20	1.70	7.50	1.82	0.48	2.80	8.16	2.15	12.55
	2 Room	10+10	2.80	2.80	-	-	5.60	2.00	7.00	1.39	0.55	2.14	6.23	2.44	9.59
		10+13	2.71	3.39	-	-	6.10	2.00	7.20	1.52	0.55	2.35	6.81	2.44	10.51
		10+18	2.33	4.17	-	-	6.50	2.00	7.60	1.67	0.55	2.61	7.49	2.44	11.70
		10+20	2.07	4.43	-	-	6.50	2.00	7.80	1.70	0.55	2.68	7.62	2.44	12.01
		10+24	1.84	4.66	-	-	6.50	2.00	8.00	1.73	0.55	2.77	7.75	2.44	12.39
		13+13	3.25	3.25	-	-	6.50	2.00	7.40	1.65	0.55	2.55	7.40	2.44	11.43
		13+18	2.68	3.82	-	-	6.50	2.00	7.70	1.69	0.55	2.66	7.58	2.44	11.92
		13+20	2.39	4.11	-	-	6.50	2.00	7.90	1.72	0.55	2.74	7.71	2.44	12.26
		13+24	2.15	4.35	-	-	6.50	2.00	8.10	1.71	0.55	2.80	7.66	2.44	12.53
		18+18	3.25	3.25	-	-	6.50	2.00	8.00	1.73	0.55	2.77	7.75	2.44	12.42
		18+20	2.95	3.55	-	-	6.50	2.00	8.10	1.70	0.55	2.81	7.62	2.44	12.60
		18+24	2.69	3.81	-	-	6.50	2.00	8.20	1.67	0.55	2.86	7.49	2.44	12.80
	20+20	3.25	3.25	-	-	6.50	2.00	8.20	1.67	0.55	2.85	7.49	2.44	12.77	
	20+24	2.98	3.52	-	-	6.50	2.00	8.30	1.67	0.55	2.90	7.49	2.44	13.00	
	3 Room	10+10+10	2.17	2.17	2.17	-	6.50	2.50	8.80	1.46	0.55	2.82	6.54	2.44	12.62
		10+10+13	2.00	2.00	2.50	-	6.50	2.50	8.80	1.45	0.55	2.82	6.50	2.44	12.62
		10+10+18	1.72	1.72	3.07	-	6.50	2.50	8.90	1.44	0.55	2.81	6.45	2.44	12.60
		10+10+20	1.57	1.57	3.36	-	6.50	2.50	8.90	1.44	0.55	2.81	6.45	2.44	12.57
		10+10+24	1.43	1.43	3.63	-	6.50	2.50	8.90	1.43	0.55	2.80	6.41	2.44	12.55
10+13+13		1.86	2.32	2.32	-	6.50	2.50	8.90	1.45	0.55	2.82	6.50	2.44	12.62	
10+13+18		1.61	2.01	2.88	-	6.50	2.50	8.90	1.44	0.55	2.81	6.45	2.44	12.57	
10+13+20		1.48	1.85	3.17	-	6.50	2.50	8.90	1.43	0.55	2.80	6.41	2.44	12.55	
10+13+24		1.36	1.70	3.44	-	6.50	2.50	8.90	1.43	0.55	2.80	6.41	2.44	12.53	
10+18+18		1.42	2.54	2.54	-	6.50	2.50	8.90	1.43	0.55	2.80	6.41	2.44	12.55	
10+18+20		1.32	2.36	2.83	-	6.50	2.50	8.90	1.43	0.55	2.80	6.41	2.44	12.53	
10+18+24		1.22	2.18	3.10	-	6.50	2.50	8.90	1.42	0.55	2.79	6.36	2.44	12.51	
10+20+20		1.23	2.64	2.64	-	6.50	2.50	8.90	1.42	0.55	2.79	6.36	2.44	12.51	
13+13+13		2.17	2.17	2.17	-	6.50	2.50	8.90	1.44	0.55	2.81	6.45	2.44	12.60	
13+13+18		1.90	1.90	2.71	-	6.50	2.50	8.90	1.43	0.55	2.81	6.41	2.44	12.57	
13+13+20		1.75	1.75	3.00	-	6.50	2.50	8.90	1.43	0.55	2.80	6.41	2.44	12.55	
13+13+24		1.61	1.61	3.27	-	6.50	2.50	8.90	1.42	0.55	2.80	6.36	2.44	12.53	
13+18+18		1.69	2.41	2.41	-	6.50	2.50	8.90	1.43	0.55	2.80	6.41	2.44	12.53	
13+18+20		1.57	2.24	2.69	-	6.50	2.50	8.90	1.42	0.55	2.79	6.36	2.44	12.51	
13+18+24		1.46	2.08	2.96	-	6.50	2.50	8.90	1.42	0.55	2.79	6.36	2.44	12.48	
13+20+20		1.47	2.52	2.52	-	6.50	2.50	8.90	1.42	0.55	2.79	6.36	2.44	12.48	
18+18+18		2.17	2.17	2.17	-	6.50	2.50	8.90	1.42	0.55	2.79	6.36	2.44	12.51	
18+18+20		2.03	2.03	2.44	-	6.50	2.50	8.90	1.41	0.55	2.79	6.32	2.44	12.48	
18+18+24	1.90	1.90	2.70	-	6.50	2.50	8.90	1.41	0.55	2.78	6.32	2.44	12.44		
18+20+20	1.91	2.29	2.29	-	6.50	2.50	8.90	1.41	0.55	2.78	6.32	2.44	12.44		
4 Room	10+10+10+10	1.63	1.63	1.63	1.63	6.50	2.60	8.90	1.30	0.55	2.85	5.83	2.44	12.77	
	10+10+10+13	1.53	1.53	1.53	1.91	6.50	2.60	8.90	1.30	0.55	2.84	5.83	2.44	12.73	
	10+10+10+18	1.36	1.36	1.36	2.43	6.50	2.60	8.90	1.30	0.55	2.82	5.83	2.44	12.64	
	10+10+10+20	1.26	1.26	1.26	2.71	6.50	2.60	9.00	1.30	0.55	2.89	5.83	2.44	12.93	
	10+10+10+24	1.17	1.17	1.17	2.98	6.50	2.60	9.40	1.30	0.55	3.10	5.83	2.44	13.87	
	10+10+13+13	1.44	1.44	1.81	1.81	6.50	2.60	8.90	1.30	0.55	2.83	5.83	2.44	12.68	
	10+10+13+18	1.29	1.29	1.61	2.30	6.50	2.60	8.90	1.30	0.55	2.83	5.83	2.44	12.68	
	10+10+13+20	1.21	1.21	1.51	2.58	6.50	2.60	9.20	1.30	0.55	3.02	5.83	2.44	13.51	
	10+10+13+24	1.12	1.12	1.40	2.85	6.50	2.60	9.60	1.30	0.55	3.23	5.83	2.44	14.46	
	10+10+18+18	1.17	1.17	2.08	2.08	6.50	2.60	9.40	1.30	0.55	3.11	5.83	2.44	13.94	
	10+10+18+20	1.10	1.10	1.96	2.35	6.50	2.60	9.70	1.30	0.55	3.30	5.83	2.44	14.79	
	10+10+20+20	1.10	1.10	2.35	2.35	6.90	2.60	10.70	1.42	0.55	4.00	6.36	2.44	17.93	
	10+13+13+13	1.37	1.71	1.71	1.71	6.50	2.60	8.90	1.30	0.55	2.82	5.83	2.44	12.64	
	10+13+13+18	1.23	1.54	1.54	2.20	6.50	2.60	9.10	1.30	0.55	2.96	5.83	2.44	13.27	
	10+13+13+20	1.15	1.44	1.44	2.47	6.50	2.60	9.40	1.30	0.55	3.15	5.83	2.44	14.12	
	10+13+13+24	1.08	1.35	1.35	2.73	6.50	2.60	9.80	1.30	0.55	3.36	5.83	2.44	15.04	
	10+13+18+18	1.12	1.40	1.99	1.99	6.50	2.60	9.60							

Inverter Multi Split System MXY Series (For private dwellings & HDB flats without current limitation)

Outdoor Unit	Indoor Unit combination		Capacity of each indoor unit (kW)				Total capacity (kW)			Total power input (kW)			Total running current (A)		
	(A + B)		A	B	C	D	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.
MXY-4H38VG	1 Room	10	2.80	-	-	-	2.80	1.40	3.80	0.62	0.43	0.90	2.75	1.91	3.99
		13	3.50	-	-	-	3.50	1.40	4.30	0.81	0.43	1.00	3.59	1.91	4.44
		18	5.00	-	-	-	5.00	1.60	5.80	1.23	0.47	1.73	5.46	2.09	7.68
		20	6.00	-	-	-	6.00	1.60	6.70	1.72	0.47	2.20	7.63	2.09	9.76
		24	7.00	-	-	-	7.00	1.60	8.50	2.45	0.47	3.40	10.87	2.09	15.08
	2 Room	10+10	2.80	2.80	-	-	5.60	2.00	7.50	1.46	0.59	2.61	6.48	2.60	11.58
		10+13	2.80	3.50	-	-	6.30	2.00	8.20	1.81	0.59	2.92	8.03	2.60	12.93
		10+18	2.51	4.49	-	-	7.00	2.00	8.90	2.13	0.59	3.23	9.45	2.60	14.33
		10+20	2.23	4.77	-	-	7.00	2.00	8.90	2.08	0.59	3.24	9.23	2.60	14.37
		10+24	1.98	5.02	-	-	7.00	2.00	9.00	2.03	0.59	3.25	9.01	2.60	14.42
		13+13	3.50	3.50	-	-	7.00	2.00	8.80	2.16	0.59	3.22	9.58	2.60	14.29
		13+18	2.88	4.12	-	-	7.00	2.00	8.90	2.10	0.59	3.24	9.32	2.60	14.35
		13+20	2.58	4.42	-	-	7.00	2.00	9.00	2.05	0.59	3.25	9.09	2.60	14.40
		13+24	2.31	4.69	-	-	7.00	2.00	9.10	2.01	0.59	3.13	8.92	2.60	13.89
		18+18	3.50	3.50	-	-	7.00	2.00	9.00	2.03	0.59	3.25	9.01	2.60	14.42
		18+20	3.18	3.82	-	-	7.00	2.10	9.10	1.99	0.59	3.05	8.83	2.60	13.53
		18+24	2.89	4.11	-	-	7.00	2.10	9.20	1.95	0.59	2.85	8.65	2.60	12.64
		20+20	3.50	3.50	-	-	7.00	2.10	9.20	1.95	0.59	2.85	8.65	2.60	12.64
		20+24	3.21	3.79	-	-	7.00	2.10	9.20	1.95	0.59	2.85	8.65	2.60	12.64
	3 Room	10+10+10	2.53	2.53	2.53	-	7.60	2.50	10.00	1.78	0.59	3.35	7.90	2.60	14.86
		10+10+13	2.34	2.34	2.92	-	7.60	2.50	10.20	1.76	0.59	3.35	7.81	2.60	14.86
		10+10+18	2.01	2.01	3.58	-	7.60	2.50	10.60	1.73	0.59	3.35	7.68	2.60	14.86
		10+10+20	1.83	1.83	3.93	-	7.60	2.50	10.60	1.72	0.59	3.35	7.63	2.60	14.86
		10+10+24	1.68	1.68	4.25	-	7.60	2.50	10.70	1.72	0.59	3.35	7.63	2.60	14.86
		10+13+13	2.17	2.71	2.71	-	7.60	2.50	10.40	1.75	0.59	3.35	7.76	2.60	14.86
		10+13+18	1.88	2.35	3.36	-	7.60	2.50	10.60	1.72	0.59	3.35	7.63	2.60	14.86
		10+13+20	1.73	2.16	3.71	-	7.60	2.50	10.70	1.72	0.59	3.35	7.63	2.60	14.86
		10+13+24	1.59	1.99	4.03	-	7.60	2.50	10.70	1.71	0.59	3.35	7.59	2.60	14.86
		10+18+18	1.66	2.97	2.97	-	7.60	2.50	10.70	1.71	0.59	3.35	7.59	2.60	14.86
		10+18+20	1.54	2.75	3.30	-	7.60	2.50	10.70	1.71	0.59	3.35	7.59	2.60	14.86
		10+18+24	1.43	2.55	3.62	-	7.60	2.50	10.80	1.70	0.59	3.35	7.54	2.60	14.86
		10+20+20	1.44	3.08	3.08	-	7.60	2.50	10.80	1.70	0.59	3.35	7.54	2.60	14.86
		13+13+13	2.53	2.53	2.53	-	7.60	2.50	10.60	1.73	0.59	3.35	7.68	2.60	14.86
		13+13+18	2.22	2.22	3.17	-	7.60	2.50	10.70	1.72	0.59	3.35	7.63	2.60	14.86
		13+13+20	2.05	2.05	3.51	-	7.60	2.50	10.70	1.71	0.59	3.35	7.59	2.60	14.86
		13+13+24	1.89	1.89	3.83	-	7.60	2.50	10.80	1.71	0.59	3.35	7.59	2.60	14.86
		13+18+18	1.97	2.81	2.81	-	7.60	2.50	10.70	1.71	0.59	3.35	7.59	2.60	14.86
		13+18+20	1.83	2.62	3.14	-	7.60	2.50	10.80	1.70	0.59	3.35	7.54	2.60	14.86
		13+18+24	1.71	2.44	3.46	-	7.60	2.50	10.80	1.68	0.59	3.35	7.45	2.60	14.86
		13+20+20	1.72	2.94	2.94	-	7.60	2.50	10.80	1.69	0.59	3.35	7.50	2.60	14.86
		18+18+18	2.53	2.53	2.53	-	7.60	2.50	10.80	1.70	0.59	3.35	7.54	2.60	14.86
		18+18+20	2.38	2.38	2.85	-	7.60	2.50	10.80	1.67	0.59	3.35	7.41	2.60	14.86
		18+18+24	2.22	2.22	3.16	-	7.60	2.50	10.80	1.64	0.59	3.35	7.28	2.60	14.86
		18+20+20	2.24	2.68	2.68	-	7.60	2.50	10.80	1.65	0.59	3.35	7.32	2.60	14.86
	4 Room	10+10+10+10	1.90	1.90	1.90	1.90	7.60	3.00	11.60	1.40	0.59	3.79	6.21	2.60	16.81
		10+10+10+13	1.79	1.79	1.79	2.24	7.60	3.00	11.60	1.40	0.59	3.71	6.21	2.60	16.44
		10+10+10+18	1.59	1.59	1.59	2.84	7.60	3.00	11.60	1.39	0.59	3.52	6.17	2.60	15.59
		10+10+10+20	1.48	1.48	1.48	3.17	7.60	3.00	11.60	1.39	0.59	3.44	6.17	2.60	15.26
		10+10+10+24	1.37	1.37	1.37	3.48	7.60	3.00	11.60	1.39	0.59	3.44	6.17	2.60	15.26
		10+10+13+13	1.69	1.69	2.11	2.11	7.60	3.00	11.60	1.40	0.59	3.62	6.21	2.60	16.04
		10+10+13+18	1.51	1.51	1.89	2.70	7.60	3.00	11.60	1.39	0.59	3.44	6.17	2.60	15.26
		10+10+13+20	1.41	1.41	1.76	3.02	7.60	3.00	11.60	1.39	0.59	3.44	6.17	2.60	15.26
		10+10+13+24	1.31	1.31	1.64	3.33	7.60	3.00	11.60	1.39	0.59	3.44	6.17	2.60	15.26
		10+10+18+18	1.36	1.36	2.44	2.44	7.60	3.00	11.60	1.39	0.59	3.44	6.17	2.60	15.26
		10+10+18+20	1.28	1.28	2.29	2.75	7.60	3.00	11.60	1.39	0.59	3.44	6.17	2.60	15.26
		10+10+20+20	1.27	1.27	2.73	2.73	8.00	3.00	11.60	1.62	0.59	3.44	7.19	2.60	15.26
		10+13+13+13	1.60	2.00	2.00	2.00	7.60	3.00	11.60	1.39	0.59	3.53	6.17	2.60	15.66
		10+13+13+18	1.44	1.80	1.80	2.57	7.60	3.00	11.60	1.39	0.59	3.44	6.17	2.60	15.26
		10+13+13+20	1.35	1.68	1.68	2.89	7.60	3.00	11.60	1.39	0.59	3.44	6.17	2.60	15.26
		10+13+13+24	1.26	1.57	1.57	3.19	7.60	3.00	11.60	1.39	0.59	3.44	6.17	2.60	15.26
		10+13+18+18	1.31	1.63	2.33	2.33	7.60	3.00	11.60	1.39	0.59	3.44	6.17	2.60	15.26
		10+13+18+20	1.23	1.54	2.20	2.64	7.60	3.00	11.60	1.38	0.59	3.44	6.12	2.60	15.26
		13+13+13+13	1.90	1.90	1.90	1.90	7.60	3.00	11.60	1.39	0.59	3.44	6.17	2.60	15.26
		13+13+13+18	1.72	1.72	1.72	2.45	7.60	3.00	11.60	1.39	0.59	3.44	6.17	2.60	15.26
		13+13+13+20	1.61	1.61	1.61	2.76	7.60	3.00	11.60	1.39	0.59	3.44	6.17	2.60	15.26
		13+13+13+24	1.51	1.51	1.51	3.07	7.60	3.00	11.60	1.38	0.59	3.44	6.12	2.60	15.26
		13+13+18+18	1.56	1.56	2.24	2.24	7.60	3.00	11.60	1.39	0.59	3.44	6.17	2.60	15.26
MXY-2H20VF	1 Room	10	2.80	-	-	-	2.80	1.40	3.80	0.62	0.25	0.84	3.22	1.34	4.51
		13	3.50	-	-	-	3.50	1.40	4.30	0.79	0.25	1.05	4.24	1.34	5.64
		18	4.50	-	-	-	4.50	1.50	5.00	1.20	0.26	1.60	6.44	1.40	8.59
		20	4.50	-	-	-	4.50	1.60	6.00	1.18	0.27	1.92	6.33	1.45	10.31
	2 Room	10+10	2.00	2.00	-	-	4.00	1.50	6.30	0.81	0.32	2.26	4.35	1.72	12.13
		10+13	1.82	2.28	-	-	4.10	1.50	6.40	0.82	0.33	2.26	4.40	1.77	12.13
		10+18	1.47	2.63	-	-	4.10	1.60	6.40	0.83	0.33	2.26	4.46	1.77	12.13
		10+20	1.34	2.86	-	-	4.20	1.60	6.50	0.84	0.34	2.26	4.51	1.83	12.13
		13+13	2.05	2.05	-	-	4.10	1.50	6.40	0.83	0.33	2.26	4.46	1.77	12.13
		13+18	1.73	2.47	-	-	4.20	1.60	6.50	0.84	0.34	2.26	4.51	1.83	12.13
		13+20	1.66	2.84	-	-	4.50	1.70	6.50	0.91	0.34	2.26	4.88	1.83	12.13

Inverter Multi Split System MXY Series (For HDB flats with current limitation 8.5A)

Outdoor Unit	Indoor Unit combination		Capacity of each indoor unit (kW)				Total capacity (kW)			Total power input (kW)			Total running current (A)		
	(A + B)		A	B	C	D	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.
MXY-3H28VG (8.5A)	1 Room	10	2.80	-	-	-	2.80	1.40	3.80	0.62	0.38	0.90	2.75	1.69	3.99
		13	3.50	-	-	-	3.50	1.40	4.30	0.81	0.40	1.00	3.59	1.77	4.44
		18	5.00	-	-	-	5.00	1.50	5.30	1.20	0.43	1.56	5.32	1.91	6.92
		20	5.70	-	-	-	5.70	1.60	6.40	1.54	0.47	1.92	6.83	2.09	8.50
		24	5.70	-	-	-	5.70	1.70	6.60	1.61	0.48	1.92	7.14	2.13	8.50
	2 Room	10+10	2.80	2.80	-	-	5.60	2.00	6.40	1.39	0.48	1.92	6.17	2.13	8.50
		10+13	2.62	3.28	-	-	5.90	2.00	6.50	1.40	0.48	1.92	6.21	2.13	8.50
		10+18	2.23	3.97	-	-	6.20	2.00	6.50	1.43	0.48	1.92	6.34	2.13	8.50
		10+20	1.97	4.23	-	-	6.20	2.00	6.50	1.44	0.48	1.92	6.39	2.13	8.50
		10+24	1.75	4.45	-	-	6.20	2.00	6.50	1.46	0.48	1.92	6.48	2.13	8.50
		13+13	3.10	3.10	-	-	6.20	2.00	6.50	1.40	0.48	1.92	6.21	2.13	8.50
		13+18	2.55	3.65	-	-	6.20	2.00	6.50	1.44	0.48	1.92	6.39	2.13	8.50
		13+20	2.28	3.92	-	-	6.20	2.00	6.50	1.45	0.48	1.92	6.43	2.13	8.50
		13+24	2.05	4.15	-	-	6.20	2.00	6.60	1.45	0.48	1.92	6.43	2.13	8.50
		18+18	3.10	3.10	-	-	6.20	2.00	6.50	1.44	0.48	1.92	6.39	2.13	8.50
		18+20	2.82	3.38	-	-	6.20	2.00	6.60	1.44	0.48	1.92	6.39	2.13	8.50
	3 Room	10+10+10	2.07	2.07	2.07	-	6.20	2.40	7.10	1.16	0.48	1.92	5.15	2.13	8.50
		10+10+13	1.91	1.91	2.38	-	6.20	2.40	7.10	1.16	0.48	1.92	5.15	2.13	8.50
		10+10+18	1.64	1.64	2.92	-	6.20	2.40	7.20	1.14	0.48	1.92	5.06	2.13	8.50
		10+10+20	1.57	1.57	3.36	-	6.50	2.40	7.20	1.33	0.48	1.92	5.90	2.13	8.50
		10+13+13	1.77	2.21	2.21	-	6.20	2.40	7.20	1.15	0.48	1.92	5.10	2.13	8.50
		10+13+18	1.54	1.92	2.74	-	6.20	2.40	7.20	1.14	0.48	1.92	5.06	2.13	8.50
		13+13+13	2.07	2.07	2.07	-	6.20	2.40	7.20	1.12	0.48	1.92	4.97	2.13	8.50
MXY-4H33VG (8.5 A)	1 Room	10	2.80	-	-	-	2.80	1.40	3.80	0.62	0.38	0.90	2.78	1.70	4.03
		13	3.50	-	-	-	3.50	1.40	4.30	0.82	0.40	1.05	3.68	1.79	4.71
		18	5.00	-	-	-	5.00	1.50	5.30	1.26	0.43	1.68	5.65	1.93	7.53
		20	6.00	-	-	-	6.00	1.60	6.40	1.72	0.47	1.90	7.71	2.11	8.50
		24	6.20	-	-	-	6.20	1.70	6.60	1.82	0.48	1.90	8.16	2.15	8.50
	2 Room	10+10	2.80	2.80	-	-	5.60	2.10	6.40	1.39	0.55	1.90	6.23	2.44	8.50
		10+13	2.71	3.39	-	-	6.10	2.10	6.50	1.52	0.55	1.90	6.81	2.44	8.50
		10+18	2.33	4.17	-	-	6.50	2.10	6.50	1.67	0.55	1.90	7.49	2.44	8.50
		10+20	2.07	4.43	-	-	6.50	2.10	6.50	1.70	0.55	1.90	7.62	2.44	8.50
		10+24	1.84	4.66	-	-	6.50	2.10	6.50	1.73	0.55	1.90	7.75	2.44	8.50
		13+13	3.25	3.25	-	-	6.50	2.10	6.50	1.65	0.55	1.90	7.40	2.44	8.50
		13+18	2.68	3.82	-	-	6.50	2.10	6.50	1.69	0.55	1.90	7.58	2.44	8.50
		13+20	2.39	4.11	-	-	6.50	2.10	6.50	1.72	0.55	1.90	7.71	2.44	8.50
		13+24	2.15	4.35	-	-	6.50	2.10	6.60	1.71	0.55	1.90	7.66	2.44	8.50
		18+18	3.25	3.25	-	-	6.50	2.10	6.50	1.73	0.55	1.90	7.75	2.44	8.50
		18+20	2.95	3.55	-	-	6.50	2.10	6.60	1.70	0.55	1.90	7.62	2.44	8.50
		18+24	2.69	3.81	-	-	6.50	2.10	6.70	1.67	0.55	1.90	7.49	2.44	8.50
		20+20	3.25	3.25	-	-	6.50	2.10	6.70	1.67	0.55	1.90	7.49	2.44	8.50
		20+24	2.98	3.52	-	-	6.50	2.10	6.70	1.67	0.55	1.90	7.49	2.44	8.50
	3 Room	10+10+10	2.17	2.17	2.17	-	6.50	2.50	7.10	1.46	0.55	1.90	6.54	2.44	8.50
		10+10+13	2.00	2.00	2.50	-	6.50	2.50	7.10	1.45	0.55	1.90	6.50	2.44	8.50
		10+10+18	1.72	1.72	3.07	-	6.50	2.50	7.20	1.44	0.55	1.90	6.45	2.44	8.50
		10+10+20	1.57	1.57	3.36	-	6.50	2.50	7.20	1.44	0.55	1.90	6.45	2.44	8.50
10+10+24		1.43	1.43	3.63	-	6.50	2.50	7.20	1.43	0.55	1.90	6.41	2.44	8.50	
10+13+13		1.86	2.32	2.32	-	6.50	2.50	7.20	1.45	0.55	1.90	6.50	2.44	8.50	
10+13+18		1.61	2.01	2.88	-	6.50	2.50	7.20	1.44	0.55	1.90	6.45	2.44	8.50	
10+13+20		1.48	1.85	3.17	-	6.50	2.50	7.20	1.43	0.55	1.90	6.41	2.44	8.50	
10+13+24		1.36	1.70	3.44	-	6.50	2.50	7.20	1.43	0.55	1.90	6.41	2.44	8.50	
10+18+18		1.42	2.54	2.54	-	6.50	2.50	7.20	1.43	0.55	1.90	6.41	2.44	8.50	
10+18+20		1.32	2.36	2.83	-	6.50	2.50	7.20	1.43	0.55	1.90	6.41	2.44	8.50	
10+18+24		1.22	2.18	3.10	-	6.50	2.50	7.20	1.42	0.55	1.90	6.36	2.44	8.50	
10+20+20		1.23	2.64	2.64	-	6.50	2.50	7.20	1.42	0.55	1.90	6.36	2.44	8.50	
13+13+13		2.17	2.17	2.17	-	6.50	2.50	7.20	1.44	0.55	1.90	6.45	2.44	8.50	
13+13+18		1.90	1.90	2.71	-	6.50	2.50	7.20	1.43	0.55	1.90	6.41	2.44	8.50	
13+13+20		1.75	1.75	3.00	-	6.50	2.50	7.20	1.43	0.55	1.90	6.41	2.44	8.50	
13+13+24		1.61	1.61	3.27	-	6.50	2.50	7.20	1.42	0.55	1.90	6.36	2.44	8.50	
13+18+18		1.69	2.41	2.41	-	6.50	2.50	7.20	1.43	0.55	1.90	6.41	2.44	8.50	
13+18+20		1.57	2.24	2.69	-	6.50	2.50	7.20	1.42	0.55	1.90	6.36	2.44	8.50	
13+18+24		1.46	2.08	2.96	-	6.50	2.50	7.20	1.42	0.55	1.90	6.36	2.44	8.50	
13+20+20		1.47	2.52	2.52	-	6.50	2.50	7.20	1.42	0.55	1.90	6.36	2.44	8.50	
18+18+18		2.17	2.17	2.17	-	6.50	2.50	7.20	1.42	0.55	1.90	6.36	2.44	8.50	
18+18+20		2.03	2.03	2.44	-	6.50	2.50	7.20	1.41	0.55	1.90	6.32	2.44	8.50	
18+18+24		1.90	1.90	2.70	-	6.50	2.50	7.20	1.41	0.55	1.90	6.32	2.44	8.50	
18+20+20		1.91	2.29	2.29	-	6.50	2.50	7.20	1.41	0.55	1.90	6.32	2.44	8.50	
4 Room	10+10+10+10	1.63	1.63	1.63	1.63	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+10+10+13	1.53	1.53	1.53	1.91	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+10+10+18	1.36	1.36	1.36	2.43	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+10+10+20	1.26	1.26	1.26	2.71	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+10+10+24	1.17	1.17	1.17	2.98	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+10+13+13	1.44	1.44	1.81	1.81	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+10+13+18	1.29	1.29	1.61	2.30	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+10+13+20	1.21	1.21	1.51	2.58	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+10+13+24	1.12	1.12	1.40	2.85	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+10+18+18	1.17	1.17	2.08	2.08	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+10+18+20	1.10	1.10	1.96	2.35	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+10+20+20	1.10	1.10	2.35	2.35	6.90	2.60	7.20	1.42	0.55	1.90	6.36	2.44	8.50	
	10+13+13+13	1.37	1.71	1.71	1.71	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+13+13+18	1.23	1.54	1.54	2.20	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+13+13+20	1.15	1.44	1.44	2.47	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+13+13+24	1.08	1.35	1.35	2.73	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+13+18+18	1.12	1.40	1.99	1.99	6.50	2.60	7.20	1.30	0.55	1.90	5.83	2.44	8.50	
	10+13+18+20	1.05	1.32	1.88	2.25	6.50	2.60	7.20	1.29	0.55	1.90	5.78	2.44	8.50	



Inverter Multi Split System MXY Series (for HDB flats with current limitation 8.5A & 11A)

Outdoor Unit	Indoor Unit combination		Capacity of each indoor unit (kW)				Total capacity (kW)			Total power input (kW)			Total running current (A)		
	(A + B)		A	B	C	D	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.
MXY-4H38VG (11 A)	1 Room	10	2.80	-	-	-	2.80	1.40	3.80	0.62	0.43	0.90	2.75	1.91	3.99
		13	3.50	-	-	-	3.50	1.40	4.30	0.81	0.43	1.00	3.59	1.91	4.44
		18	5.00	-	-	-	5.00	1.60	5.80	1.23	0.47	1.73	5.46	2.09	7.68
		20	6.00	-	-	-	6.00	1.60	6.70	1.72	0.47	2.20	7.63	2.09	9.76
		24	7.00	-	-	-	7.00	1.60	7.00	2.45	0.47	2.48	10.87	2.09	11.00
	2 Room	10+10	2.80	2.80	-	-	5.60	2.00	7.50	1.46	0.59	2.48	6.48	2.60	11.00
		10+13	2.80	3.50	-	-	6.30	2.00	8.20	1.81	0.59	2.48	8.03	2.60	11.00
		10+18	2.51	4.49	-	-	7.00	2.00	8.90	2.13	0.59	2.48	9.45	2.60	11.00
		10+20	2.23	4.77	-	-	7.00	2.00	8.90	2.08	0.59	2.48	9.23	2.60	11.00
		10+24	1.98	5.02	-	-	7.00	2.00	9.00	2.03	0.59	2.48	9.01	2.60	11.00
		13+13	3.50	3.50	-	-	7.00	2.00	8.80	2.16	0.59	2.48	9.58	2.60	11.00
		13+18	2.88	4.12	-	-	7.00	2.00	8.90	2.10	0.59	2.48	9.32	2.60	11.00
		13+20	2.58	4.42	-	-	7.00	2.00	9.00	2.05	0.59	2.48	9.09	2.60	11.00
		13+24	2.31	4.69	-	-	7.00	2.00	9.10	2.01	0.59	2.48	8.92	2.60	11.00
		18+18	3.50	3.50	-	-	7.00	2.00	9.00	2.03	0.59	2.48	9.01	2.60	11.00
		18+20	3.18	3.82	-	-	7.00	2.10	9.10	1.99	0.59	2.48	8.83	2.60	11.00
		18+24	2.89	4.11	-	-	7.00	2.10	9.20	1.95	0.59	2.48	8.65	2.60	11.00
		20+20	3.50	3.50	-	-	7.00	2.10	9.20	1.95	0.59	2.48	8.65	2.60	11.00
		20+24	3.21	3.79	-	-	7.00	2.10	9.20	1.95	0.59	2.48	8.65	2.60	11.00
	3 Room	10+10+10	2.53	2.53	2.53	-	7.60	2.50	8.60	1.78	0.59	2.48	7.90	2.60	11.00
		10+10+13	2.34	2.34	2.92	-	7.60	2.50	8.70	1.76	0.59	2.48	7.81	2.60	11.00
		10+10+18	2.01	2.01	3.58	-	7.60	2.50	8.80	1.73	0.59	2.48	7.68	2.60	11.00
		10+10+20	1.83	1.83	3.93	-	7.60	2.50	8.80	1.72	0.59	2.48	7.63	2.60	11.00
		10+10+24	1.68	1.68	4.25	-	7.60	2.50	8.80	1.72	0.59	2.48	7.63	2.60	11.00
		10+13+13	2.17	2.71	2.71	-	7.60	2.50	8.70	1.75	0.59	2.48	7.76	2.60	11.00
		10+13+18	1.88	2.35	3.36	-	7.60	2.50	8.80	1.72	0.59	2.48	7.63	2.60	11.00
		10+13+20	1.73	2.16	3.71	-	7.60	2.50	8.80	1.72	0.59	2.48	7.63	2.60	11.00
		10+13+24	1.59	1.99	4.03	-	7.60	2.50	8.90	1.71	0.59	2.48	7.59	2.60	11.00
		10+18+18	1.66	2.97	2.97	-	7.60	2.50	8.90	1.71	0.59	2.48	7.59	2.60	11.00
		10+18+20	1.54	2.75	3.30	-	7.60	2.50	8.90	1.71	0.59	2.48	7.59	2.60	11.00
		10+18+24	1.43	2.55	3.62	-	7.60	2.50	8.90	1.70	0.59	2.48	7.54	2.60	11.00
		10+20+20	1.44	3.08	3.08	-	7.60	2.50	8.90	1.70	0.59	2.48	7.54	2.60	11.00
		13+13+13	2.53	2.53	2.53	-	7.60	2.50	8.80	1.73	0.59	2.48	7.68	2.60	11.00
		13+13+18	2.22	2.22	3.17	-	7.60	2.50	8.80	1.72	0.59	2.48	7.63	2.60	11.00
		13+13+20	2.05	2.05	3.51	-	7.60	2.50	8.90	1.71	0.59	2.48	7.59	2.60	11.00
		13+13+24	1.89	1.89	3.83	-	7.60	2.50	8.90	1.71	0.59	2.48	7.59	2.60	11.00
		13+18+18	1.97	2.81	2.81	-	7.60	2.50	8.90	1.71	0.59	2.48	7.59	2.60	11.00
		13+18+20	1.83	2.62	3.14	-	7.60	2.50	8.90	1.70	0.59	2.48	7.54	2.60	11.00
		13+18+24	1.71	2.44	3.46	-	7.60	2.50	8.90	1.68	0.59	2.48	7.45	2.60	11.00
	4 Room	13+20+20	1.72	2.94	2.94	-	7.60	2.50	8.90	1.69	0.59	2.48	7.50	2.60	11.00
		18+18+18	2.53	2.53	2.53	-	7.60	2.50	8.90	1.70	0.59	2.48	7.54	2.60	11.00
		18+18+20	2.38	2.38	2.85	-	7.60	2.50	8.90	1.67	0.59	2.48	7.41	2.60	11.00
		18+18+24	2.22	2.22	3.16	-	7.60	2.50	9.00	1.64	0.59	2.48	7.28	2.60	11.00
		18+20+20	2.24	2.68	2.68	-	7.60	2.50	9.00	1.65	0.59	2.48	7.32	2.60	11.00
		10+10+10+10	1.90	1.90	1.90	1.90	7.60	3.00	9.10	1.40	0.59	2.48	6.21	2.60	11.00
		10+10+10+13	1.79	1.79	1.79	2.24	7.60	3.00	9.10	1.40	0.59	2.48	6.21	2.60	11.00
		10+10+10+18	1.59	1.59	1.59	2.84	7.60	3.00	9.20	1.39	0.59	2.48	6.17	2.60	11.00
		10+10+10+20	1.48	1.48	1.48	3.17	7.60	3.00	9.20	1.39	0.59	2.48	6.17	2.60	11.00
		10+10+10+24	1.37	1.37	1.37	3.48	7.60	3.00	9.20	1.39	0.59	2.48	6.17	2.60	11.00
		10+10+13+13	1.69	1.69	2.11	2.11	7.60	3.00	9.20	1.40	0.59	2.48	6.21	2.60	11.00
		10+10+13+18	1.51	1.51	1.89	2.70	7.60	3.00	9.20	1.39	0.59	2.48	6.17	2.60	11.00
		10+10+13+20	1.41	1.41	1.76	3.02	7.60	3.00	9.20	1.39	0.59	2.48	6.17	2.60	11.00
		10+10+13+24	1.31	1.31	1.64	3.33	7.60	3.00	9.20	1.39	0.59	2.48	6.17	2.60	11.00
		10+10+18+18	1.36	1.36	2.44	2.44	7.60	3.00	9.20	1.39	0.59	2.48	6.17	2.60	11.00
		10+10+18+20	1.28	1.28	2.29	2.75	7.60	3.00	9.20	1.39	0.59	2.48	6.17	2.60	11.00
		10+10+20+20	1.27	1.27	2.73	2.73	8.00	3.00	9.20	1.62	0.59	2.48	7.19	2.60	11.00
		10+13+13+13	1.60	2.00	2.00	2.00	7.60	3.00	9.20	1.39	0.59	2.48	6.17	2.60	11.00
		10+13+13+18	1.44	1.80	1.80	2.57	7.60	3.00	9.20	1.39	0.59	2.48	6.17	2.60	11.00
		10+13+13+20	1.35	1.68	1.68	2.89	7.60	3.00	9.20	1.39	0.59	2.48	6.17	2.60	11.00
		10+13+13+24	1.26	1.57	1.57	3.19	7.60	3.00	9.20	1.39	0.59	2.48	6.17	2.60	11.00
MXY-2H20VF (8.5A)	1 Room	10	2.80	-	-	-	2.80	1.40	3.80	0.62	0.25	0.84	3.22	1.34	4.51
		13	3.50	-	-	-	3.50	1.40	4.30	0.79	0.25	1.05	4.24	1.34	5.64
		18	4.50	-	-	-	4.50	1.50	5.00	1.20	0.26	1.58	6.44	1.40	8.50
		20	4.50	-	-	-	4.50	1.60	5.50	1.18	0.27	1.58	6.33	1.45	8.50
	2 Room	10+10	2.00	2.00	-	-	4.00	1.50	5.60	0.81	0.32	1.58	4.35	1.72	8.50
		10+13	1.82	2.28	-	-	4.10	1.50	5.70	0.82	0.33	1.58	4.40	1.77	8.50
		10+18	1.47	2.63	-	-	4.10	1.60	5.70	0.83	0.33	1.58	4.46	1.77	8.50
		10+20	1.34	2.86	-	-	4.20	1.60	5.80	0.84	0.34	1.58	4.51	1.83	8.50
		13+13	2.05	2.05	-	-	4.10	1.50	5.70	0.83	0.33	1.58	4.46	1.77	8.50
		13+18	1.73	2.47	-	-	4.20	1.60	5.80	0.84	0.34	1.58	4.51	1.83	8.50
		13+20	1.66	2.84	-	-	4.50	1.70	5.80	0.91	0.34	1.58	4.88	1.83	8.50

*Total Indoor Running current must not exceed 3Amps when connecting with PEY-M Series



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Line test



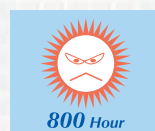
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Performance test



Endurance test



Heat stress test



Saltwater spray rust test



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MITSUBISHI ELECTRIC ASIA PTE LTD

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Tel: (65) 6473 2308 **Fax:** (65) 6476 0590 **Office Hours:** 8:30am - 5:30pm (Monday - Friday)

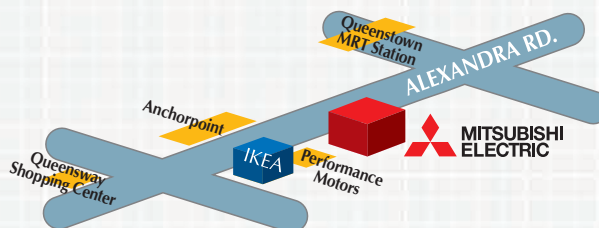
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