

Mitsubishi Electric
star MEX
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

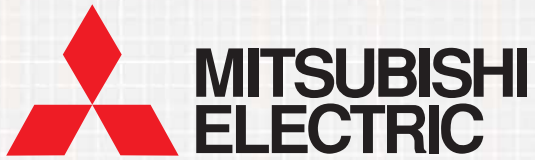


Inverter Series
Mr. SLIM
R410A



Cleaner Air
up to 99.97% particulate removal












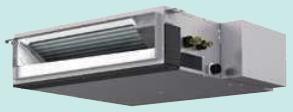







Your Life, Our Technology – The Comfort Connection.

As everyone knows, nothing compares to the comfort that nature has to provide. However, thanks to its many technical refinements, Mitsubishi Electric's air conditioners 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 R410A refrigerant allow our series to create a naturally serene environment in every room of the house.



Technology and quality make the difference.









To create a better product that is friendly to both you and the environment, Mitsubishi Electric now utilises a new type of refrigerant called R410A. With an ozone depletion potential factor of zero, exceptionally non-toxicity, and chemically stable noninflammability, this refrigerant exemplifies the quality that our air conditioners have to offer.

Inverter Multi Split		Type		Connectable Indoor Units	Page	Energy labelling scheme
Model	Refrigerant	Model	Refrigerant			
MXY-3G28VA2 up to 3 indoor units		DC Inverter	SAVE R410A OZONE	 MSXY-FN07/10/13/18VE	16	
MXY-4G33VA2 up to 4 indoor units		DC Inverter	SAVE R410A OZONE		16	
MXY-4G38VA2 up to 4 indoor units		DC Inverter	SAVE R410A OZONE	 MSXY-FN20VE and MSXY-FN24VE*	17	
MXY-5G48VA2 up to 5 indoor units		DC Inverter	SAVE R410A OZONE	 PEY-P18JA* and PEY-P24JA*	18	
MXY-2G20VA2 up to 2 indoor units		DC Inverter	SAVE R410A OZONE	 SEZ - KD35VAL and SEZ-KD50/71VAL*	17	
Inverter Single Split		Type		Connectable Indoor Units	Page	Energy labelling scheme
Model	Refrigerant	Model	Refrigerant			
MUY-GN10VA		DC Inverter	SAVE R410A OZONE	 MSY-GN10VA	15	
MUY-GN13VA		DC Inverter	SAVE R410A OZONE	 MSY-GN13VA	15	
MUY-GN15VA		DC Inverter	SAVE R410A OZONE	 MSY-GN15VA	15	
MUY-GN18VA		DC Inverter	SAVE R410A OZONE	 MSY-GN18VA	15	
MUY-GN24VA		DC Inverter	SAVE R410A OZONE	 MSY-GN24VA	15	

* Not applicable with MXY-2G20VA2

Mr. SLIM Inverter Single Split	Type		Connectable Indoor Units	Page	Energy labelling scheme
	Model	Refrigerant			
SUY-ZP50VA 	 	 	23		
			24		
SUY-KA60VA 	 	 	23		
			24		
SUY-KA80VA 	 	 	23		
			24		
SUY-KA100VA 	 	 	23		
			24		
PUY-P125VKA 	 	 	23		
			24		

Mr. SLIM Inverter Single Split	Type		Connectable Indoor Units	Page	Energy labelling scheme
	Model	Refrigerant			
<p>SUY-KA18VA</p> 			<p>PCY-P18KA</p> 	25	
<p>SUY-KA24VA</p> 			<p>PCY-P24KA</p> 	25	
<p>SUY-KA30VA</p> 			<p>PCY-P30KA</p> 	25	
<p>SUY-KA36VA</p> 			<p>PCY-P36KA</p> 	25	
<p>PUY-P42VKA</p> 			<p>PCY-P42KA</p> 	25	

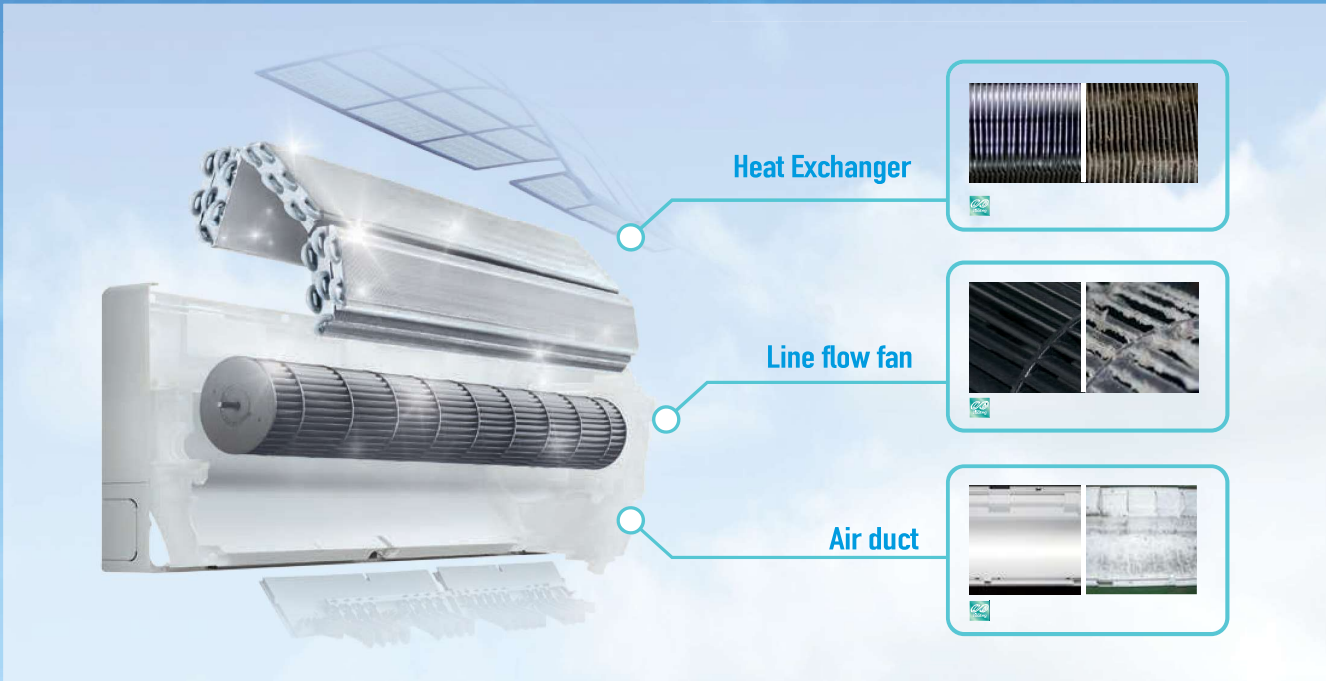
starMEX Plus series	Type		Connectable Indoor Units	Page	Energy labelling scheme
	Model	Refrigerant			
<p>MXV-6C53VAM</p> 			<p>MSXY-FN13/18VE</p> 	26	
			<p>MSXY-FN20/24VE</p> 		
			<p>PLFY-P VEM-PA</p> 		
			<p>PEFY-P VMA(L)-E</p> 		

Conversion formula: Btu/h=kW X 3412



Dual Barrier Coating

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

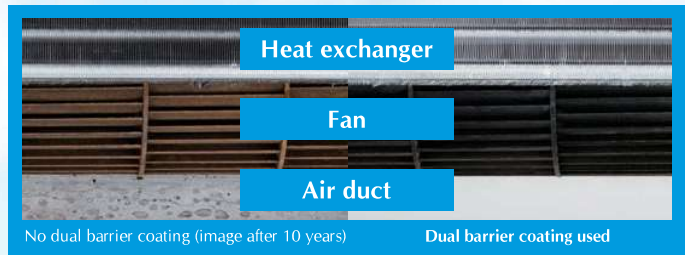


State-of-the-art coating technology

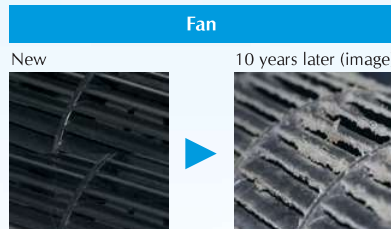
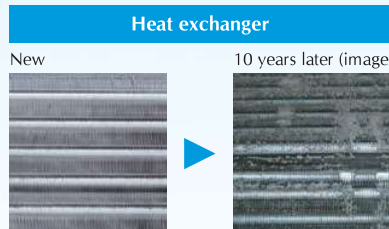
Dirt is generally classified into two groups: hydrophilic dirt such as fiber dust and sand dust, and hydrophobic dirt such as oil and cigarette smoke. Mitsubishi Electric's dual barrier coating works as a two barrier coating with blended "fluorine particles" that prevent hydrophilic dirt penetration and "hydrophobic 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.



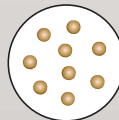
Consequences when the inside of the indoor unit is left dirty.

- Deterioration in energy efficiency.
- Musty smell from the unit

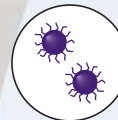
*Applicable to MSXY-FN models



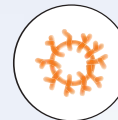
Minute Particles Floating in the Air



PM2.5



Bacteria



House dust



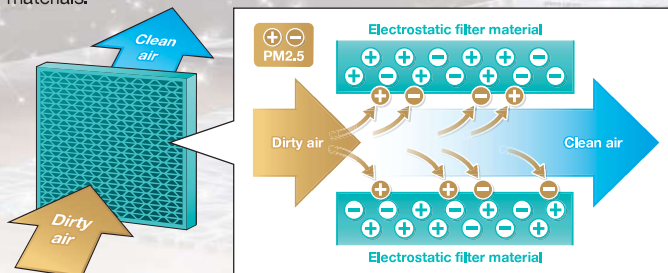
Model: **MSXY-FN Series**

Filter: **Microparticle catching filter**

Microparticle catching filter effectively eliminates PM2.5

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

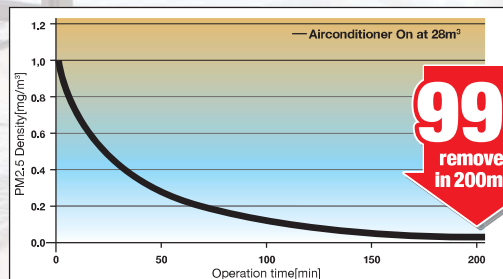
Electrostatic filter even effectively removes and eliminates miniscule particulate materials.



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 28m² enclosed space with tidal air circulation volume of 0.5/hr (in-house test)

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



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%!

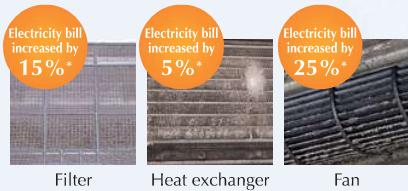
Easy, Clean & Comfortable



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 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.



Electrostatic Anti-Allergy Enzyme Filter

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.



Anti-Allergy Enzyme Filter

To counter allergens, we have added filters featuring artificial blue enzymes with the power to remove harmful microbes such as bacteria^{*1}, virus^{*2}, dust mites^{*3}, pollen^{*3}, etc.

The enzymes destroy any germs caught in the filter, preventing them from working their way further inside the air conditioner. However, being artificial enzymes, they prevent allergies while remaining gentle on the human body.

(Confirmed by *1 Japan Spinners Inspecting Foundation test No. 007715-1,2 *2 Japan Food Research Laboratories Ref. No.20491448-002 *3 Shinshu University)



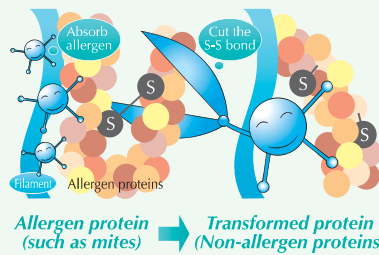
Easy Cleaning Procedure



- 1 First, turn off the power. Make sure the fan is not operating before this removal procedure. Unlock every green stopper of the upper horizontal vane and pull it towards the left to remove. Do the same thing to remove the lower horizontal vane. Safety system stops the blower when the horizontal vane is removed.
- 2 You can reach deep into the air-conditioner, in order to clean fans and other parts that are normally hard-to-reach.
- 3 Hold the central green handle and pull towards body to open.

Anti-Allergy Enzyme filter mechanism

- 1 Artificial enzyme (meta-phthalocyanine) catalysts on the filament catch allergens.
- 2 The artificial enzyme catalysts aid the chemical reaction with oxygen and sever the S-S bonds.
- 3 Once the S-S bonds are severed, the proteins no longer act as allergens.



Nano Platinum 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.

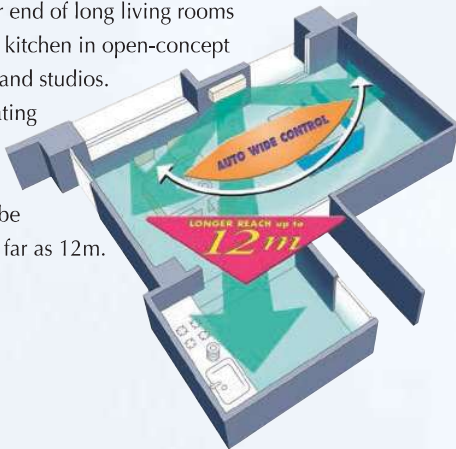
Fuzzy Logic "I Feel"

Is the room too hot or cold, too dry or humid? On auto mode selection, the fuzzy logic control system adjusts conditions to suit you. Your selected temperature setting is stored in the memory system and reproduced automatically each time you operate your air conditioning.

Wide & Long Airflow

Bringing extra comfort to your life, left-right vane can be automatically controlled by remote controller. Simply use of Wide-vane mode, you can easily adjust direction of airflow to reach any corner of the room. The high-power motor combines with a newly designed "Long mode" to push air out further, providing an extended airflow that can reach the far end of long living rooms or reach the kitchen in open-concept living areas and studios.

When operating in Long mode, the airflow can be extended as far as 12m.



WIDE & LONG

Improved efficiency with 7-way airflow

Single area focus Two separate areas simultaneously Swing mode

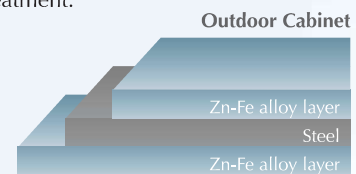
By combining the use of the Wide-vane mode and Long and vane mode, you can adjust airflow horizontal 7 directions and vertical 6 directions. Exclusive to Mitsubishi Electric, this advantage ensures maximum control over air direction and flow up to 42 ways, which guarantee that the air conditioning effect isn't wasted, where it isn't needed.

AUTO 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 could let ideal temperature to be achieved in the shortest amount of time.

Anti-Rust Treatment (Blue Fins)

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



LCD Remote Control

From temperature and operation modes to air volume and direction, you'll be able to customise your environment at the touch of a button. Large, easy-to-identify buttons allow for easy access to frequently used functions. The generous LCD display lets you check temperature and other operating conditions at a glance, while an easy-open slide cover prevents inadvertent operation of preset controls and other functions.

Luminous Buttons

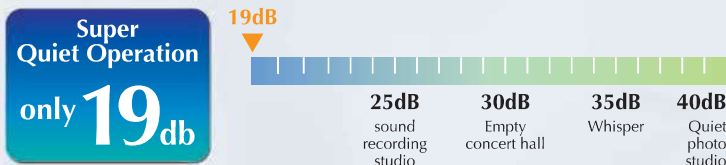
The remote controller features luminous buttons that make use easy even in the dark environment.



Silent Operation Technology & Multi-System

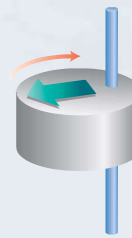
Only 19dB The Quietest Air Conditioner In The Market

Noise level during silent mode operation is only 19dB for the MSY-GN10VA, GN13, FN10, FN13, making them the quietest indoor unit in the market. Inside the unit, the multi-angled heat exchanger has a modified fin shape that reduces air resistance for a smoother, quieter airflow. The wide fan diameter produces greater airflow at lower fan speeds and the uneven pitch between each fan blade helps to eliminate annoying noise. What's more, the remote controlled vane significantly decreases down-draft air resistance for much lower noise levels.

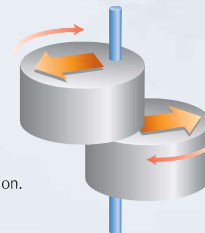


Twin Rotary Compressor Ensures Peace And Quiet

Unlike conventional models with a single rotary, all Inverter Multi Split System MXY Series 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.



Twin rotary:
Centrifugal force of one roller counterbalanced by that of the other roller for significantly lower vibration.



Single rotary:
Centrifugal force always produced in one direction, resulting in excessive vibration.

Multi-Split System The Convenient Way To Enhance Any Interior

Mitsubishi Electric Multi-split system could be the best solution balancing use of available space, exotic interior and money. With the system's innovative design, several indoor units could be mixed and matched and connected to a single outdoor unit as a customized system. It's your choice to add indoor units at any time more economically while facilitating installation.



Cleaning-Free, Pipe Reuse Technology

It is a fact that the world's ozone layer is being depleted.

Many scientists believe that refrigerants that contain hydrochlorofluorocarbons such as HCFC-R22 with chlorine are a contributing factor to this problem. R410A – a chlorine-free, non-inflammable, environmentally friendly and energy efficient refrigerant offers a new alternative. In addition to the properties just mentioned, R410A is as easy to handle as the environmentally unfriendly R22 because of its pseudoazeotropic characteristics. R410A is also highly efficient and provides the same level of performance as R22.



NEW REFRIGERANT
R410A

CURRENT REFRIGERANT
R22

Composition	Ozone depletion potential factor*	Toxicity	Stability
Non-uniform boiling point composite refrigerant (HFC:R32/R125=50:50WT%)	0	NON	GOOD
Single component refrigerant (HCFC:R22=100WT%)	0.05	NON	GOOD

* Relative value when CFC is considered as 1

Mitsubishi Electric's Cleaning-Free Technology

Our R410A Inverter-driven models are the first in the industry to use hard alkyl benzene (HAB) oil — a unique refrigerant oil that degrades very slowly — for refrigeration. Employing our exclusive cleaning-free technologies such as a specially developed high-efficiency oil separator and optimum distribution of heat exchangers to prevent oil stagnation, we have made it possible to reuse previously installed R22 pipeworks.



QUESTION: In general, why is the reuse of existing R22 pipework not allowed for models with R410A HFC refrigerant?

ANSWER: This is because existing R22 pipework contains moisture and chloride residue that, when mixed with compressor's ester oil, can result in a chemical reaction. Additionally, refrigerant oil sludge and corrosion within the compressor can clog up the refrigerant circuit.

ORIGINAL HAB Oil	ORDINARY ESTER Oil
<ul style="list-style-type: none"> No special cleaning required Re-use existing pipes Cleaning / Purging process Special tools (Oil trap kit) Higher working pressure 	<ul style="list-style-type: none"> Formation of Sludge Clogging Premature breakdown of equipment Strip and replace existing R22 pipes
<p>Mitsubishi Electric's original HAB oil</p>	<p>Ordinary ester oil</p>
<p>Refrigerant circuit lasts longer with less deterioration using the new HAB refrigerant oil.*</p> <p>*Data taken from our lab: Test results equivalent to 10 years worth of use</p>	

1st
in the
Industry!

*Applicable Models: MXY-2G20VA2, MXY-3G28VA2 & MXY-4G33VA2

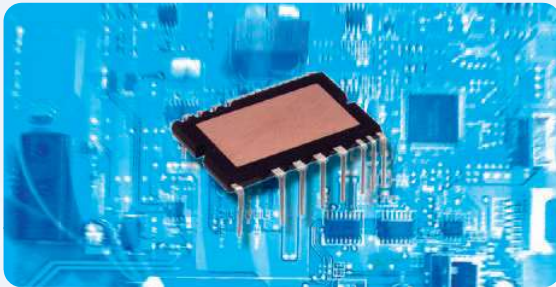
MITSUBISHI ELECTRIC'S SOLUTION: **FLUSH, VACUUM & INSTALL!**

Mitsubishi Electric's exclusive cleaning-free, Pipe-reuse technology allows you to reuse existing R22 refrigeration piping even when installing a new R410A model.

Inverter & Energy Saving Technology

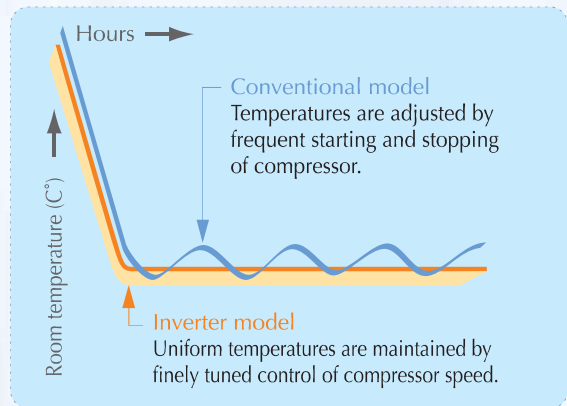
Inverter Control Technology

By controlling current frequency according to the desired temperature setting and outside air-conditions, energy-efficient performance is assured. Frequency is lowered when less power is required to substantially reduce electricity consumption for more economical operation. Providing you with more economy and comfort throughout the year, inverter control presents an ideal situation as it reduces compressor rotation speed when air-conditioning load is low so it's like using a small compressor with a large heat-exchanger.



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.



NEW DC Inverter

DC Inverter

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



Joint Wrap DC Motor

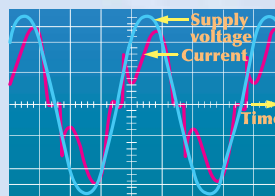
Mitsubishi Electric's newly developed, unique Joint Wrap Motor is environmentally friendly, using less copper wiring than conventional motors through the employment of joint wrap production techniques. This concentrated winding DC Motor (linked core type) features our original high density, concentrated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



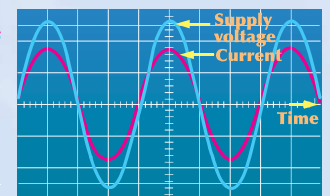
PAM Control (Pulse Amplitude Modulation)

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 the current wave so that it conforms to the supply voltage wave. With PAM control, 98% of input power supply is effectively used.

without PAM Control



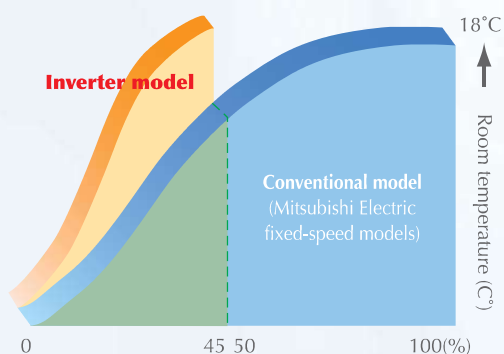
with PAM Control



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

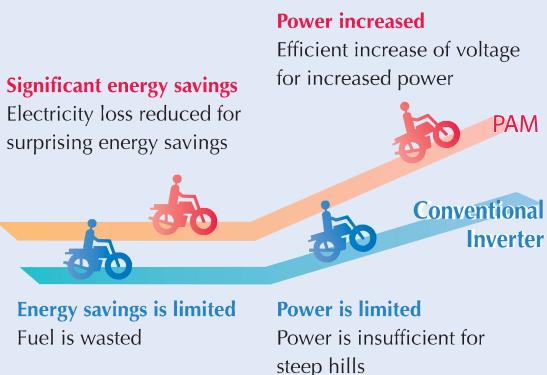
High-speed cooling

Our advanced Inverter technology enables efficient high-speed cooling by precisely and flexibly controlling the rotation of the compressor according to your cooling needs. For example, during summer months, the compressor speed is automatically set at a maximum level that is 30% faster than non-inverter models. So your room takes even less time to be cool.



Compared to conventional models, desired temperatures are reached much more rapidly.

Using a Motorcycle as an Example



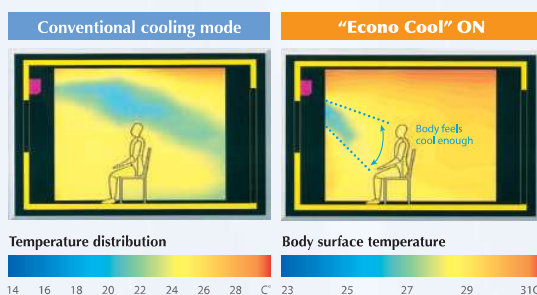
*This diagram illustrates the merits of PAM Control.



Econo Cool – smart save

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

Ensures greater comfort even when the temperature setting is 2 °C above conventional settings.



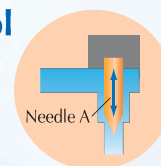
Ensures more comfort even when the set temperature is 2°C higher than the conventional cooling mode.

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



New LEV Control

LEV (Linear Expansion Valve) control 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. In this simple yet effective concept, circulation of refrigerant is optimized to facilitate more economical operation.



Not every feature detailed on these two pages is available on every product in this brochure. Please refer to individual product information pages for precise specifications.

FEATURES For your convenience, leave this flap extended to check features.

Energy Saving

- DC Inverter** DC Inverter
- PAM Control** PAM Control
- Econo Cool** Econo Cool
- Temperature Range Restriction**
- New LEV Control**
- Fuzzy Logic "I Feel"**

Comfort

- Only 19dB** The Quietest Air-Conditioner In The Market
- 3D i-see sensor** An infrared-ray sensor that measures the temperature at distant positions. While moving to the left and right, eight vertically arranged sensor elements analyze the room temperature in three dimensions. Making it possible to judge where people are in the room to create proper airflow.
- 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 and "Swing" mode match the interior layout and people in the room.
- Quiet Operation**
- Powerful Cool**
- Wide Control**
- Long Air-flow**
- Auto Mode**

Fresh Air

- Anti-Allergy Enzyme** Anti-Allergy Enzyme Filter
- Electrostatic Anti-allergy Enzyme Filter** 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.
- Catechin** Catechin Plus Pre-Filter
- Air-Cleaning** Double Air Cleaning Filter Traps dust and other small particles such as pollen, mould and dust mites which can cause allergic reactions. The filter removes particles as small as 0.01 microns.
- Nano Platinum** 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.
- Plasma Quad** Plasma Quad A plasma-based filter system that effectively removes four kinds of air pollutants; namely, bacteria, viruses, allergens and dust, which the air contains countless particles of.
- PM 2.5** Microparticles Catching Filter Filter effectively eliminates PM2.5 particles to maintain clean air in the room. Removal efficiency of particulates sizes ranging 0.3-2.5µm 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).
- cooling** 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** Smart Control Press the same button twice in repetition to immediately return to the previous temperature setting
- SAVE** I Save Mode This is a simplified setting function that recalls the preferred (preset) temperature by pressing a single button on the remote controller.

Installation & Maintenance

- R410A Refrigerant** The new HAB(hard alkyl benzene) refrigerant oil is a unique oil that degrades very slowly. In addition to this new oil, our exclusive cleaning-free technology incorporates a specially developed high-efficiency oil separator and heat exchangers that are optimally designed to prevent oil stagnation. These benefits make it possible to reuse existing piping even when installing a new model.
- Cleaning-free, pipe reuse** Cleaning-Free, Pipe Reuse Technology Turning to our air-conditioner refrigerants, because the use of the Hydrochloro-fluorocarbon R22 is destructive to the ozone layer, we have switched to the new refrigerant R410A with zero ozone depletion potential.
- EASYCLEAN** 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 sudden power surge, e.g. lightning, the circuits of 3 safety barriers (fuse, baristor, and surge absorber) are automatically broken first to protect the printed circuit board (PCB).
- Self-Diagnosis** In the unlikely event of a malfunction, the LED on the indoor unit flashes to indicate the exact spot to be checked.

Mitsubishi Electric starMEX		Mr.SLIM		Mitsubishi Electric starMEX Plus Series	
Inverter		Inverter		Inverter	
Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor
MSY-GN10/13/15/18/24VA SEZ-KD13/50/71VAL	MUY-GN10/13/15/18/24VA MXY-5C48VA2	PCY-P18/24/30/36/42KA PLY-P60/80/100/125EA	SUY-KA18/24/30/36VA PUY-P42VKA	MSY-FN07/10/13/18/20/24VE PEY-P18/24IA MLZ-KA50VA	MXY-3C28VA2 / 4G33VA2 MXY-4C38VA2 MXY-2C20VA2
		PEY-P60/80/100/125JAL PLY-ZP50EA PEY-M50JAL	SUY-KA50/60/80/100VA PUY-P125VKA SUY-ZP50VA		MXY-6C53VAM
Cooling	Upper limit	Cooling	Upper limit	Cooling	Upper limit
32°C DB / 23°C WB	46°C DB	32°C DB / 23°C WB	46°C DB	46°C DB	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 salon environment. Please contact our Dealers for recommendations of appropriate models.
 - Guaranteed operating range:
 - For wall mounted units, during COOL or DRY operation with the vane angle at Angle 4 or 5 when the compressor automatic operation time exceeds 1 hour, the vane angle automatically changes to Angle 3 for dew prevention.

Inverter Single Split System



The GN 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.



MSY-GN Series

Indoor Unit



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

MSY-GN10VA
Cooling capacity: 2.5kW*
MSY-GN13VA
Cooling capacity: 3.5kW*



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

MSY-GN15VA
Cooling capacity: 4.2kW*
MSY-GN18VA
Cooling capacity: 4.8kW*



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

MSY-GN24VA
Cooling capacity: 6.6kW*

Outdoor Unit



MUY-GN10/13VA
Dimensions (W X D X H):
800 X 285 X 550 mm



MUY-GN15/18VA
Dimensions (W X D X H):
800 X 285 X 714 mm



MUY-GN24VA
Dimensions (W X D X H):
840 X 330 X 880 mm



Inverter Single Split system MSY-GN series

Model				MSY-GN10VA	MSY-GN13VA	MSY-GN15VA	MSY-GN18VA	MSY-GN24VA	
Indoor				MSY-GN10VA	MSY-GN13VA	MSY-GN15VA	MSY-GN18VA	MSY-GN24VA	
Outdoor				MUY-GN10VA	MUY-GN13VA	MUY-GN15VA	MUY-GN18VA	MUY-GN24VA	
Function & Type				Cooling, Wall Mounted					
Capacity (Min - Max)	kW		2.5 (1.1 - 3.5)	3.5 (1.4- 3.9)	4.2 (0.9- 4.8)	4.8 (1.4 - 6.0)	6.6 (2.4 -8.7)		
Power Input	kW		0.51	0.92	1.11	1.26	1.83		
Full load COP			4.97	3.90	4.10	4.04	3.82		
Weighted COP**			6.09	5.16	5.34	4.93	4.52		
Running Current	A		2.70	4.20	4.90	5.60	8.20		
Airflow	CMM(m ³ /min)		3.3-4.3-4.9-7.1-10.0	3.3-4.0-4.9-7.1-10.9	8.2-9.5-11.3-13.3-18.0	8.6-10.7-12.2-15.5-18.0	9.1-13.0-14.9-20.7		
Dimension (W X D X H)	Indoor	mm	799 X 232 X 290			923 X 250 X 305		1100 X 238 X 325	
	Outdoor	mm	800 X 285 X 550			800 X 285 X 714		840 X 330 X 880	
Net Weight	Indoor	kg	9			13		16	
	Outdoor	kg	32			37		53	
Indoor Sound Level*	(Silent - High)	dB(A)	19-22-30-36-47	19-22-30-36-47	28-33-38-44-49	29-37-41-45-49	30-41-45-51		
Outdoor Sound Level*		dB(A)	46	47	50	54	55		
Connection Method	Indoor/Outdoor		Flared						
External Piping	Diameter	Gas (ø)	mm		9.52		12.70	15.88	
		Liquid (ø)	mm		6.35			9.52	
Piping Length	Max. length	m			20		30		
	Max. height	m			12		15		
Refrigerant			R410A						
Power Supply	V, Phase, Hz		230, 1, 50						
Energy Labelling Scheme									

* Note: Sound level is measured in anechoic chambers. ** Tested based on NEA energy labelling scheme.

Conversion formula: Btu/h=kW x 3412

Inverter Multi Split System



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.



MXY Series

Indoor Unit



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

MSXY-FN10VE
Cooling capacity: 2.8kW*

MSXY-FN13VE
Cooling capacity: 3.5kW*

MSXY-FN18VE
Cooling capacity: 5.0kW*



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

MSXY-FN20VE
Cooling capacity: 6.0kW*

MSXY-FN24VE
Cooling capacity: 7.1kW*

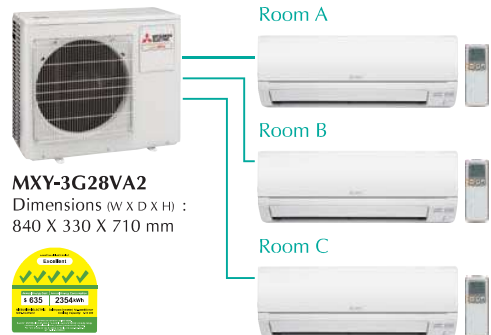


Outdoor Unit

System 3

3 Rooms **MXY-3G28VA2** Outdoor unit 1:3 Indoor units
Total capacity of all indoor units must not exceed 17.2kW.

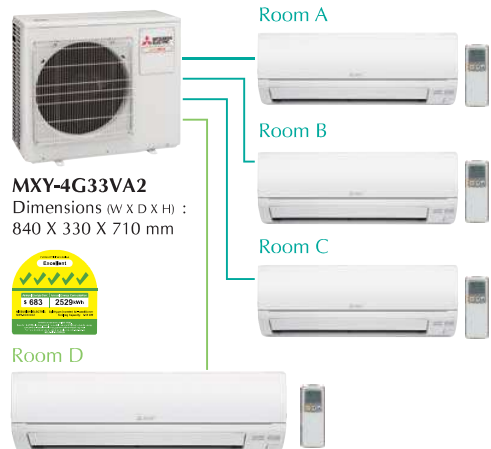
(Optional drainage kit is available)



System 4

4 Rooms **MXY-4G33VA2** Outdoor unit 1:4 Indoor units
Total capacity of all indoor units must not exceed 20.5kW.

(Optional drainage kit is available)



Conversion formula: Btu/h=kW x 3412 *With single unit operation

Inverter Multi Split System



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.



MXY Series

Indoor Unit



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

MSXY-FN10VE
Cooling capacity: 2.8kW*

MSXY-FN13VE
Cooling capacity: 3.5kW*

MSXY-FN18VE
Cooling capacity: 5.0kW*



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

MSXY-FN20VE
Cooling capacity: 6.0kW*

MSXY-FN24VE**
Cooling capacity: 7.1kW*

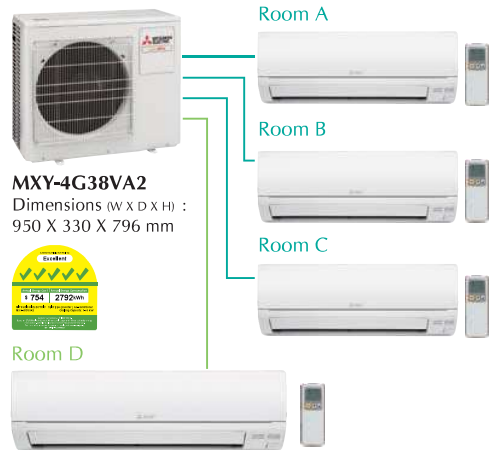


Outdoor Unit

System 4

4 Rooms **MXY-4G38VA2** Outdoor unit 1:4 Indoor units
Total capacity of all indoor units must not exceed 24.1kW.

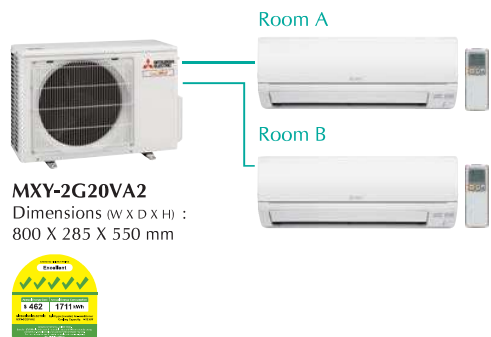
(Optional drainage kit is available)



System 2

2 Rooms **MXY-2G20VA2** Outdoor unit 1:2 Indoor units
Total capacity of all indoor units must not exceed 11.0kW.

(Optional drainage kit is available)



Conversion formula: Btu/h=kW x 3412 *With single unit operation **not applicable for MXY-2G20VA2

Inverter Multi Split System



Cooling Capacity ranging from 2.8 kW to 7.1 kW, you can mix and match units to build a customized air conditioning system that is just right for your home. We are the Good Choice for comfortable living.



Indoor Unit



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

MSXY-FN10VE
Cooling capacity: 2.8kW*

MSXY-FN13VE
Cooling capacity: 3.5kW*

MSXY-FN18VE
Cooling capacity: 5.0kW*



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

MSXY-FN20VE
Cooling capacity: 6.0kW*

MSXY-FN24VE
Cooling capacity: 7.1kW*

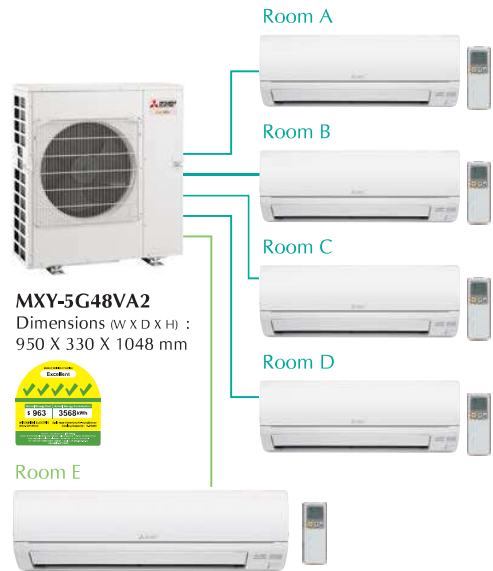


Outdoor Unit

System 5

5 Rooms **MXY-5G48VA2** Outdoor unit 1:5 Indoor units
Total capacity of all indoor units must not exceed 30.2kW.

(Optional drainage kit is available)



Conversion formula: Btu/h=kW x 3412 *With single unit operation

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-FN07/10/13/18VE
Dimension (W X D X H): 799 X 232 X 290 mm



MSXY-FN20/24VE
Dimension (W X D X H): 923 X 250 X 305 mm



Outdoor Unit



MXY-2G20VA2
Dimension (W X D X H): 800 X 285 X 550 mm



MXY-3G28VA2 / MXY-4G33VA2
Dimension (W X D X H): 840 X 330 X 710 mm



MXY-4G38VA2
Dimension (W X D X H): 950 X 330 X 796 mm



MXY-5G48VA2
Dimension (W X D X H): 950 X 330 X 1048 mm

Inverter Multi Split system

Model- Indoor Unit		MSXY-FN07VE	MSXY-FN10VE	MSXY-FN13VE	MSXY-FN18VE	MSXY-FN20VE	MSXY-FN24VE
Rated Capacity	kW	2.0	2.8	3.5	5.0	6.0	7.1
Power Input	kW	0.021	0.028	0.036	0.042	0.059	
Running Current	A	0.21	0.27	0.33	0.38	0.52	
Airflow Rate	m ³ /min	11.1	12.9	14.1	14.8	19.9	
Sound Level *	dB(A)	19-42	19-45	19-47	28-49	30-50	
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 (Φ)	mm		12.70		15.88
		Liquid (Φ)	mm		6.35		9.52

Model- Outdoor Unit		MXY-2G20VA2	MXY-3G28VA2	MXY-4G33VA2	MXY-4G38VA2	MXY-5G48VA2	
Capacity	kW	4.5 (1.3-6.5)	6.0 (1.3-8.9)	6.6 (1.3-10.7)	7.4 (1.4-11.2)	9.2 (1.4-13.5)	
Power Input	kW	0.925	1.23	1.35	1.52	1.89	
Full load COP		4.94	4.89	4.92	4.97	4.94	
Weighted COP **		5.94	5.6	5.72	5.79	5.61	
Running Current	A	4.47	5.57	6.11	6.88	8.56	
Dimension (W X D X H)	mm	800 X 285 X 550	840 X 330 X 710		950 X 330 X 796	950 X 330 X 1048	
Net Weight	kg	38	53	54	62	86	
Sound Level *	dB(A)	49	53				
External Piping	Diameter	Gas (Φ)	mm	2 nos. X 9.52	3 nos. X 9.52	(1 no. X 12.70) + (3 nos. X 9.52)	(1 no. X 12.70) + (4 nos. X 9.52)
		Liquid (Φ)	mm	2 nos. X 6.35	3 nos. X 6.35	4 nos. X 6.35	5 nos. X 6.35
Piping Length	Max Length (Each)	m	20				
	* Total Length	m	30	60		70	80
Power Supply	V, Phase, Hz	230, 1, 50					
No. of connectable indoor units (System)		2	3	4		5	
Energy Labelling Scheme							

* Note: Sound level is measured in anechoic chambers.

** Tested based on NEA energy labelling scheme.

FN Series

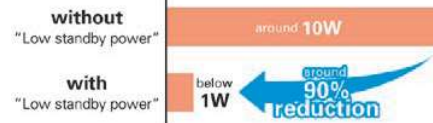
Introducing a compact and stylist indoor unit with amazing quiet performance. Having advantage of neat installations in small bedrooms made possible, and increase in energy-savings by selecting the optimal capacity required for each room.



MSXY-FN

Low Standby Power

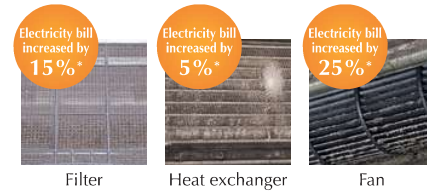
Electrical devices consume standby power even when they are not in actual use. While we obviously strive to reduce power consumption during actual use, reducing this wasted power that cannot be seen is also very important.



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.



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.

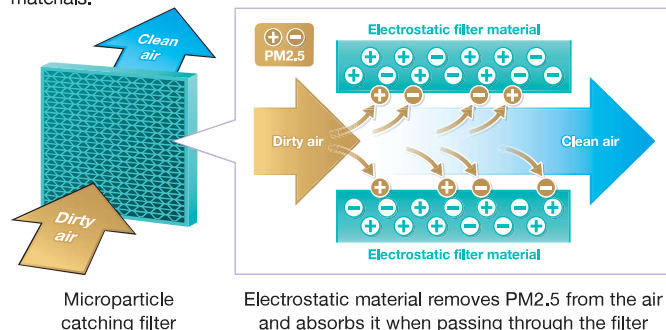


Microparticles Catching Filter

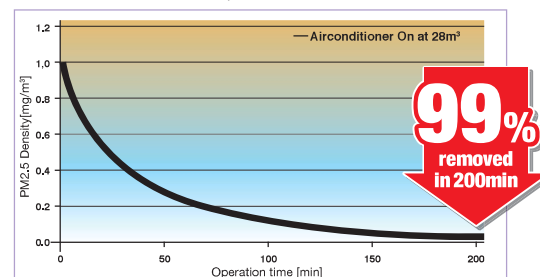
Filter effectively eliminates PM2.5 particles to maintain clean air in the room. Removal efficiency of particulates sizes ranging 0.3-2.5 μ m after operation for 200min using MSXY-FN20VE microparticle entrapment filter in 28m³ enclosed space with tidal air circulation volume of 0.5/hr (in-house test).

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

Electrostatic filter even effectively removes and eliminates miniscule particulate materials.



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 with lowered ceilings. Highly reliable energy savings performance makes it a best match choice for concealed unit installations.



PEY-P JA
(Connectable with MXY-G series)

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.

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.

External Static Pressure setting

Model - Indoor Unit				PEY-P18JA	PEY-P24JA
Rated Capacity			kW	5.3	7.1
Power Input			kW	0.09	0.15
Airflow Rate (Lo-Mid-High)			m ³ /min	12 - 14.5 - 17	17.5 - 21 - 25
Sound Level*			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	29
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)

SEZ Series

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



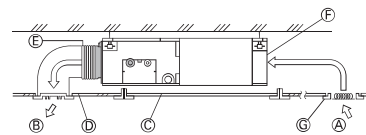
Compact Ceiling Concealed Style

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 than the previous model (SEZ-KA), slashing installation space and also facilitating concealed use in buildings where exposed format units have been the rule in the past.

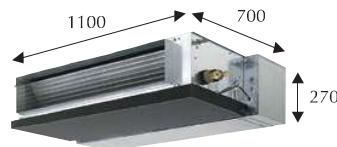


SEZ-KD35/50/71VAL



- Ⓐ Air inlet
- Ⓑ Air outlet
- Ⓒ Access door
- Ⓓ Ceiling surface
- Ⓔ Canvas duct
- Ⓜ Air filter
- Ⓝ Inlet grille

[Dimension Comparison]



SEZ-KA35VAL

Width reduced by
110mm



SEZ-KD35VAL

Height reduced by
70mm

Wider Selection of Fan Speed and Static Pressure Level

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

	External Static Pressure (Pa)
SEZ-KA35-71VA	30/50Pa
↓	
SEZ-KD35-71VAL	5/15/35/50Pa

Four Levels Installation Possible for all Models

With expansion of the minimum level of external static pressure, it is now possible to achieve low room noise by selecting the optimum static pressure.

External static pressure	SPL (Low fan mode)	
	SEZ-KA	SEZ-KD
30Pa	30dB	15Pa
35	30dB	23dB
50	31dB	30dB

Maximum noise reduced by 7dB

Type	Name	Rated Capacity (kW)	Max Running Current (A)	Fan speed	Airflow (High) (m ³ /min)	Sound level (dB(A))	Dimensions (WxDxH)	Net weight (kg)	Pipe size (mm)	Remote controller	External static pressure
Compact ceiling concealed	SEZ-KD SEZ-KD35VAL	3.5	0.46	4 steps	11.0	23-33	900 x 700 x 200	21	6.35 / 9.52	Wireless(S) / Wired(O)	5/15/35/50
	SEZ-KD50VAL	5.0	0.63	4 steps	15.0	30-37	900 x 700 x 200	23	6.35 / 12.70	Wireless(S) / Wired(O)	5/15/35/50
	SEZ-KD71VAL	7.1	0.84	4 steps	20.0	30-40	1100 x 700 x 200	27	9.52 / 15.88	Wireless(S) / Wired(O)	5/15/35/50

Drain Pump Equipping Possible (optional)

Our drain pump (PAC-KE07DM-E) has been added to the lineup as an optional part. Equipping this pump makes it possible to install drain hoses up to 550mm in length.

Mr. SLIM Inverter Single Split System



Our Inverter Technology adjusts 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.



PLY Series

Indoor Unit



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

PLY-P60EA

Cooling capacity: 5.5kW



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

PLY-ZP50EA

Cooling capacity: 4.7kW

PLY-P80EA

Cooling capacity: 7.2kW

PLY-P100EA

Cooling capacity: 9.5kW

PLY-P125EA

Cooling capacity: 11.4kW



Outdoor Unit



SUY-ZP50VA/KA60VA
Dimensions (W X D X H) :
800 X 285 X 714 mm



SUY-KA80/100VA
Dimensions (W X D X H) :
840 X 330 X 880 mm



PUY-P125VKA
Dimensions (W X D X H) :
1050 X 330 X 1338 mm



Mr Slim Inverter Ceiling Cassette Type PLY Series

Model		PLY-ZP50EA	PLY-P60EA	PLY-P80EA	PLY-P100EA	PLY-P125EA					
Indoor		PLY-ZP50EA	PLY-P60EA	PLY-P80EA	PLY-P100EA	PLY-P125EA					
Outdoor		SUY-ZP50VA	SUY-KA60VA	SUY-KA80VA	SUY-KA100VA	PUY-P125VKA					
Function & type		Cooling, Ceiling Cassette									
Capacity (Min - Max)		kW	4.7 (2.3 - 5.7)	5.5 (2.6 - 6.5)	7.2 (3.4 - 8.9)	9.5 (4.0 - 11.3)	11.4 (5.8 - 15.0)				
Power Input		kW	0.97	1.28	1.68	2.51	3.01				
Full load COP			4.96	4.30	4.33	3.83	3.81				
Weighted COP**			5.58	5.25	4.95	4.74	4.79				
Running Current		A	4.5	5.88	7.69	11.51	13.73				
Airflow		CMM(m ³ /min)	14-17-20-23	15-18-20-23	17-21-25-29	19-23-27-32	21-25-29-34				
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 1338					
Net Weight	Indoor	kg	27	21	24	27	27				
	Outdoor	kg	40	40	50	51	102				
Indoor Sound level *	(Silent - High)	dB(A)	23-27-31-35	27-31-34-37	27-32-37-41	31-36-40-44	33-37-41-46				
Outdoor Sound Level *		dB(A)	48		50	54	55				
Connection method	Indoor/Outdoor	Flared									
External Piping	Diameter	Gas (ø)	mm		15.88						
		Liquid (ø)	mm		9.52						
Piping Length	Max. length	m			30		50				
	Max. height	m			15		30				
Power Supply	V, Phase, Hz	12			230, 1, 50						
Energy labelling scheme											

*Note: Sound level is measured in anechoic chambers. **Tested based on NEA energy labelling scheme.

Conversion formula: Btu/h=kW x 3412

Mr. SLIM Inverter Single Split System



Our Inverter Technology adjusts 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.



PEY Series

Indoor Unit



PEY-M50JAL
Cooling capacity: 5.0kW

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



PEY-P60JAL
Cooling capacity: 6.0kW

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



PEY-P80JAL
Cooling capacity: 8.0kW

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

PEY-P100JAL
Cooling capacity: 10.0kW

PEY-P125JAL
Cooling capacity: 12.5kW



Outdoor Unit



SUY-ZP50/KA60VA
Dimensions (W X D X H) :
800 X 285 X 714 mm



SUY-KA80/100VA
Dimensions (W X D X H) :
840 X 330 X 880 mm



PUY-P125VKA
Dimensions (W X D X H) :
1050 X 330 X 1338 mm



Mr Slim Inverter Ceiling-Concealed Type PEY Series

Model		PEY-M50JAL	PEY-P60JAL	PEY-P80JAL	PEY-P100JAL	PEY-P125JAL
Indoor		PEY-M50JAL	PEY-P60JAL	PEY-P80JAL	PEY-P100JAL	PEY-P125JAL
Outdoor		SUY-ZP50VA	SUY-KA60VA	SUY-KA80VA	SUY-KA100VA	PUY-P125VKA
Function & type		Cooling, Ceiling Concealed				
Capacity (Min - Max)	kW	5.0 (2.5 - 5.7)	6.0 (2.6 - 6.5)	8.0 (3.4 - 8.9)	10.0 (4.0 - 11.3)	12.5 (6.0 - 15.0)
Power Input	kW	0.97	1.61	2.15	3.20	4.05
Full load COP		4.96	4.30	4.33	3.83	3.81
Weighted COP**		5.58	5.25	4.95	4.74	4.79
Running Current	A	4.91	6.66	8.67	12.98	15.08
Airflow	CMM(m ³ /min)	12.0-14.5-17.0	17.5-21-25	24-29-34	29.5-35.5-42	29.5-35.5-42
Dimension (W X D X H)	Indoor	mm 900 X 732 X 250	mm 1100 X 732 X 250	mm 1400 X 732 X 250		
	Outdoor	mm 800 X 285 X 714		mm 840 X 330 X 880		mm 1050 X 330 X 1338
Net Weight	Indoor	kg 27	kg 20	kg 39	kg 40	kg 40
	Outdoor	kg 40		kg 50	kg 51	kg 102
Indoor Sound level *	(Silent - High) dB(A)	30-35-39	30-34-39	33-38-42	36-40-44	36-40-44
Outdoor Sound Level *	dB(A)	48		50	54	55
Connection method	Indoor/Outdoor	Flared				
External Piping	Diameter	Gas (ø) mm 12.7	mm 15.88			mm 15.88
		Liquid (ø) mm 6.35	mm 9.52			mm 9.52
Piping Length	Max. length	m 30			m 50	
	Max. height	m 12			m 30	
Power Supply	V, Phase, Hz	230, 1, 50				
Energy labelling scheme						

*Note: Sound level is measured in anechoic chambers. **Tested based on NEA energy labelling scheme.

Conversion formula: Btu/h=kW x 3412

Mr. SLIM Inverter Single Split System



Our Inverter Technology adjusts 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.



PCY Series

Indoor Unit



Dimensions (W X D X H) : 1280 X 680 X 230 mm

PCY-P18KA
Cooling capacity: 5.3kW

PCY-P24KA
Cooling capacity: 7.1kW



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

PCY-P30KA
Cooling capacity: 8.8kW

PCY-P36KA
Cooling capacity: 10.6kW

PCY-P42KA
Cooling Capacity: 12.3kW



optional



optional

Outdoor Unit



SUY-KA18VA
Dimensions (W X D X H) :
800 X 285 X 550 mm



SUY-KA24/30/36VA
Dimensions (W X D X H) :
840 X 330 X 880 mm



PUY-P42VKA
Dimensions (W X D X H) :
1050 X 330 X 1338 mm



Mr Slim Inverter Ceiling-Suspended Type PCY Series

Model		EASY CLEAN, WIDE & LONG				
Indoor		PCY-P18KA	PCY-P24KA	PCY-P30KA	PCY-P36KA	PCY-P42KA
Outdoor		SUY-KA18VA	SUY-KA24VA	SUY-KA30VA	SUY-KA36VA	PUY-P42VKA
Function & type		Cooling, Ceiling Suspended				
Capacity (Min-Max)	kW	5.30 (2.8-5.4)	7.1 (3.6-8.9)	8.80 (4.1-9.7)	10.6 (4.1-10.7)	12.3 (6.2-14.1)
Power Input	kW	1.51	2.1	2.6	3.13	3.68
Full load COP		3.69	3.54	3.82	3.45	3.39
Weighted COP**		4.43	4.28	4.51	4.25	4.34
Running current	A	7.4	10.10	12.3	14.7	16.75
Airflow	CMM(m ³ /min)	16-17-18-20	16-18-20-22	24-26-28-30	27-29-32-34	
Dimension (W X D X H)	Indoor mm	1280 X 680 X 230			1600 X 680 X 230	
	Outdoor mm	800 X 285 X 550		840 X 330 X 880	1050 X 330 X 1338	
Net weight	Indoor kg	32	32	37	40	
	Outdoor kg	33	47	50	51	94
*Sound level (Low-High)	Indoor dB(A)	34-36-38-40	34-36-40-42	39-41-43-45	42-44-46-48	
	Outdoor dB(A)	51	54	56	58	55
Connection method	Indoor/Outdoor	Flared				
External Piping	Diameter Gas (ø) mm	12.70		15.88		
	Liquid (ø) mm	6.35		9.52		
Piping Length	Max. length m	20		30		
	Max. height m	12		15		
Power supply	V, Phase, Hz	230, 1, 50				
Energy labelling scheme						

*Note: Sound level is measured in anechoic chambers.

** Tested based on NEA energy labelling scheme.

Conversion formula: Btu/h=kW x 3412

starMEX Plus Series



Indoor Unit



MSXY-FN
MSXY-FN10VE not included



PLFY-P VEM-PA



PEFY-P VMA(L)-E



Branch Box
PAC-MK33BC
Dimension (W X D X H)
450 X 280 X 170

Outdoor Unit



MXY-6C53VAM
Dimension (W X D X H)
1050 X 330 X 1338 mm



starMEX Plus Series

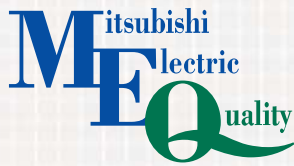
Model - Outdoor Unit			MXY-6C53VAM
Capacity (Rated)			kW
Capacity (Max)			kW
Power Input			kW
Full load COP*			
Weighted COP*			
Running Current			A
Dimension (W X D X H)			mm
Net Weight			kg
Sound Level			dB(A)
External Piping	Diameter	Gas (ø)	mm
		Liquid (ø)	mm
	Connectivity Range (Rated)		
Piping Length	PEFY / PLFY (Per unit)		m
	MSXY (Per unit)		m
	Outdoor unit to Branch Box		m
	Total Length**		m
Power Supply	V, Phase, Hz		
Energy labelling scheme			

*Based on NEA website Test Report Data **Please refer to service handbook for detail specification *** Kindly refer to our sales for PLFY selection



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

Table with columns: Outdoor unit, Indoor unit combination (A+B+C+D), Capacity of each indoor unit (kW) [A, B, C, D], Total capacity (kW) [Nominal Rating, Min., Max.], Total power input (kW) [Nominal Rating, Min., Max.], Total running current (A) [Nominal Rating, Min., Max.]. Rows are grouped by outdoor unit: MXY-4G38VA2 and MXY-2G20VA2.



The best quality you can rely on.

Our quality assurance program guided by our stringent Quality Policy ensures confidence in all phases of the development process from design and manufacture, to the finished product.



Line test



Sound test

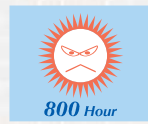


Performance test



2000 Hour

Endurance test



800 Hour

Heat stress test



500 Hour

Saltwater spray rust test



Technical assistance within 24 hours.

At Mitsubishi Electric, customers are our priority, which is why we provide attentive after-sales service to respond to your needs within 24 hours. Our service records show that upon receipt of a customer service request, more than 90% of them were completed on the same day, or the next working day. That's the kind of service you can look forward to. Because that's our way of thanking you for putting your trust in Mitsubishi Electric.

MITSUBISHI ELECTRIC ASIA PTE LTD

307 Alexandra Road, #05-01/02, Mitsubishi Electric Building, Singapore 159943

TEL: (65) 6473 2308 FAX: (65) 6476 0590

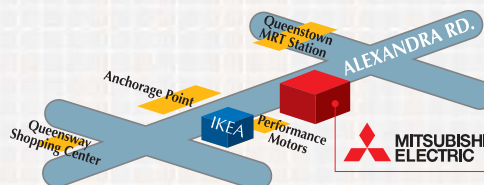
Office Hours: Monday - Friday 8:30am - 5:30pm

Show Room Opening Hours:

Monday - Friday 8:30am - 5.30pm

Closed on Saturday, Sunday and Public Holidays

Tel: (65) 6470 2600



Mitsubishi Electric
starMEX
 Air-Conditioner



for a greener tomorrow

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.



MITSUBISHI ELECTRIC CORPORATION

HEAD OFFICE: TOKYO BLDG. 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN

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