



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.







Conversion formula: Btu/h=kW X 3412

Line-up







Conversion formula: Btu/h=kW X 3412





	Ту	′pe					
Inverter Single Split	Model	Refrigerant	Connectable Indoor Units	Page	Energy labelling scheme		
MUY-GE10VA	In <mark>vert</mark> er	R410A)	MSY-GE10VA	16	The first data and the first dat		
MUY-GE13VA	In <mark>vert</mark> er	CZONE	MSY-GE13VA	16			
MUY-GE15VA	In <mark>vert</mark> er	CZONE	MSY-GE15VA	16			
MUY-GE18VA	Inverter	R410A	MSY-GE18VA	16	Fight 222300		
MUY-GE24VA	In <mark>vert</mark> er	R410A)	MSY-GE24VA	16	Biod		
Inverter Multi Split	Model	pe Refrigerant	Connectable Indoor Units	Page	Energy labelling		
MXY-3A28VA up to 3 indoor units	In <mark>vert</mark> er	R410A	MSY-GE10/13/18VA	22	The second secon		
MXY-4A38VA up to 4 indoor units	Inverter	R410A 22055	MSY-GE24/26VA	22			
Inverter Multi Split	Ty	pe Refrigerant	Connectable Indeer Units	Pago	Energy labelling		
MXY-3A28VA up to 3 indoor units	Inverter	R410A 22085	PLA-RP35/50/71BA	29 30	scheme		
MXY-4A38VA up to 4 indoor units	Inverter	R410A 22015	EZ-KD35/50/71VAL FEAD-RP50/60/71JA(L) SEZ and PEAD can couple with 3A28VA (Except RP71)	32			





Invortor Multi	C altr	Ту	pe				
Inverter Multi	Split	Model	Refrigerant	Connectable Indoor Units	Page	Energy labelling scheme	
MXY-3G28VA2 up to 3 indoor units		Inverter	R410A		18	Eccipier 6 635 2354wh	
MXY-4G33VA2 up to 4 indoor units		Inverter	R410A)	MSXY-FN07/10/13/18VE	18	Cacellier	
MXY-4G38VA2 up to 4 indoor units		Inverter	R410A)	MSXY-FN20VE and MSXY-FN24VE*	19	Esclient Particular Particul	
MXY-5G48VA2 up to 5 indoor units		Inverter	R410A	PEY-P18JA* and PEY-P24JA*	20	Costenario Based Costenario Based Costenario	
MXY-2G20VA2 up to 2 indoor units		Inverter	R410A	SEZ - KD35VAL and SEZ-KD50/71VAL*	19		
Inverter Single	e Split	Ty Model	pe Refrigerant	Connectable Indoor Units	Page	Energy labelling	
MUY-GN10VA		Inverter	R410A		17		
MUY-GN13VA		Inverter	R410A 020M	MSY-GN10 VA and MSY-GN 13VA	17		
MUY-GN15VA		Inverter	R410A)		17		
MUY-GN18VA		Inverter	R410A	MSY-GN15 VA and MSY-GN 18VA	17		
MUY-GN24VA		- Deter	SAVE (R410A)	- Arm	17	Good	

4 * Not applicable with MXY-2G20VA2

Conversion formula: Btu/h=kW X 3412







Conversion formula: Btu/h=kW X 3412

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







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 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.



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-Diagnostic Function

In the unlikely event of a malfunction, the LED on the indoor unit flashes to indicate the exact spot to be checked.

	WEX	Mr.S	Plus Series	
		Inve	Inverter	
Indoor	Outdoor	Indoor	Outdoor	Outdoor
MSY-GE10/13/15/18/24/26VA MSY-EC10/13/18VA MXY-GN10/13/15/18/24VA SEZ-KD33/50/11VAL MSYX-F10/10/13/18/24VA MSX-FN0/10/13/18/20/24VA PE-P18/24JA PE-AD-RP50/60/71JA(L) PLA-RP50/60/71JAL MLZ-KA50VA	MXY-3A28 MXY-4A38VA MUY-GE1013/15/18/24VA MUY-GN10/13/15/18/24VA MXY-5C48VA2 MXY-3C28VA2/4C33VA2 MXY-4G38VA2 MXY-4G38VA2 MXY-2G20VA2	PCV-P18/24/30/36/42KA PLY-60/80/01/00/125EA PEY-50/80/01/00/125JAL PLY-ZP50EA	SUY-KA18/24/30/36VA PUY-P42VKA SUY-KA30(6080/100VA PUY-P125VKA SUY-ZP50VA	MXY-4C100VA MXY-5C125VA MXY-6C140VA
32°C DB /23°C WB	46°C DB	32°C DB / 23°C WB	46°C DB	46°C DB

- Note
 1. Rating conditions: Cooling Indoor: 27°C DB / 19°C WB; Outdoor: 35°C DB. Refigerant piping length (one way): 5 meters / indoor unit (inverter)
 2. 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 environment. Please contact our Dealers for recommendations of appropriate models.
 - Commence for that satisfy the moment, heave contact our bears 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 cumulative operation time exceeds 1 hour, the vane angle automatically changes to Angle 3 for dew prevention.



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.







Minute Particles Floating in the Air



raida Jane

House dust

Model:

Series Filter:

MSXY-FN

Microparticle catching filter

Microparticle catching filter effectively eliminates PM25

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)

※ Microparticle catching filter MAC-EMF515FT-E



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**.



Mitsubishi Electric's Main Technology

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.



Electrosatatic 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 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)





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. *Q* You can reach deep into the air-conditioner, in order to clean fans and other parts that are normally hard-to-reach. *S* Hold the central green handle and pull towards body to open.

Anti-Allergy Enzyme filter mechanism

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



Allergen protein 🚽 Transformed protein (such as mites) 📫 (Non-allergen proteins)

Catechin Plus Air Purifying System

The Catechin offers many benefits through its deodorizing, anti-bacterial and anti-virus properties. These benefits can be experienced fully with our long-lasting Hybrid Catechin Pre-filter. At the same time, dust collection efficiency is doubled with our Double Air Cleaning Filter.

The filter can be easily removed and when washed regularly, deodorizing effectiveness should last for more than 10 years.





FOOD

ODOUR

DUST MITES PET ODOURS

GARBAGE

ODOURS

DUST

CIGARETTE

Double Air Cleaning Filter removes particles as small as 0.01 microns

-Hybrid Catechin Pre-filter

CHEMICAL ODOURS

MOLD

POLLEN

69

BACTERIA



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 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.





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.

Outdoor Cabinet

Zn-Fe alloy layer Steel Zn-Fe alloy layer



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

The Quietest Air Conditioner In The Market

Noise level during silent mode operation is only 19dB for the MSY-GE10VA, GE13, 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 download 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.



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

Twin rotary:

Centrifugal force of one roller counterbalanced by that of the other roller for significantly lower 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.



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.



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.

Mitsubishi Electric's Main Technology 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 densit technique for a reliable, highly efficient motor.



PAM Control

PAM (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



M adjusts the form of current wave so that it is close to that of the pply voltage wave. High harmonics are reduced and 98% of the ctricity 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.



^{*}This-diagram illustrates the merits of PAM Control.

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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		
Set temperature	25°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.

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.

MSY-GE Series



Inverter Single Split system MSY-GE series

Model					EA	EASY CLEAN, WIDE & LONG						
Indoor				MSY-GE10VA	MSY-GE13VA	MSY-GE15VA	MSY-GE18VA	MSY-GE24VA				
Outdoor				MUY-GE10VA	MUY-GE10VA MUY-GE13VA MUY-GE15VA MUY-GE18VA							
Function	& type				Cooling, Wall-mounted							
Capacity	(Min-Max)		kW	2.50 (1.1-3.5)	3.50 (1.4-3.9)	4.20 (0.9-4.8)	4.80 (1.4-5.4)	6.60 (2.4-8.7)				
Total pov	ver input		kW	0.64	1.02	1.25	1.43	1.83				
Full load	COP			4.56	3.58	3.44	3.43	3.82				
Weighte	d COP**			5.8	4.61	4.51	4.53	4.83				
Running	current		А	3.52	4.99	6.09	6.79	8.75				
Airflow (High)	CMM	l(m³/min)	11.4	12.8	14.2	15.1	20.7#				
Dimensi	on	Indoor	mm		798 X 23	32 X 295		1100 X 238 X 325				
(W x D >	(H)	Outdoor	mm		800 X 285 X 550 840 X 330 X							
Net weight Indoor kg		kg	10	10	10	10	16					
		Outdoor	kg	30	30	36	54	53				
*Sound lev	el (Silent - High)	Indoor	dB(A)	19-40	19-45 26-48		28-49	30-53#				
		Outdoor	dB(A)	46	47	50	54	55				
Connecti	on method	Indoor/0	Dutdoor			Flared						
Dehumi	dification		l/h	0.30	0.80	1.20	1.60	1.80				
External	Diameter	Gas (ø)	mm	9.52	9.52	9.52	12.70	15.88				
Piping		Liquid (ø)	mm	6.35	6.35	6.35	6.35	9.52				
Piping	Max. lengt	h	m	20	20	20	30	30				
Length	Max. heigh	nt	m	12	12	12	15	15				
Power su	ipply	V, P	hase, Hz			230, 1, 50						
Energy la	abelling sche	me		Very Gost	501 1557/m	1508 2213vm	1651 (2523vm)	R64 3200mm				

16 *Note: Sound level is measured in anechoic chambers. ** Tested based on NEA energy labelling scheme. *Super high + long + powerful mode Conversion formula: Btu/h=kW × 3412



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



Model											
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			А	2.97	4.52	5.28	5.98	8.76			
Airflow		CMM(m³/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	Indoor		mm	799 x 23	32 x 290	923 x 25	1100 x 238 x 325				
(W x D x H)	Outdoor		mm	800 x 28	85 x 550	800 x 28	85 x 714	840 x 330 x 880			
Not Woight	Indoor		kg	ç	Э	1	3	16			
Net Weight	Outdoor kg			3	2	3	7	53			
Indoor Sound Level*	(Silent - High	1)	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/Outd	oor		Flared							
External Pining	Diameter	Gas (ø)	mm		9.52		15.88				
External riping	Diameter	Liquid (ø)	mm		6.	35	9.52				
Pining Length	Max. length		m		20		30)			
riping cengui	Max. height		m		12		15	5			
Refrigerant						R410A					
Power Supply		V, Ph	ase, Hz			230, 1, 50					
Energy Labelling Scher	ne			Exciling Control of the second secon	C 4432 1000vm 4432 1000vm	Good 553 1065/swh 553 1065/swh	Contraction of the second seco	South State			

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

Inverter Multi Split System



Mitsubishi Electric

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





Inverter Multi Split System



Mitsubishi Electric Starvest

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



**not applicable for MXY-2G20VA2

Inverter Multi



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	Outdoor Unit
	System 5 MXY-5G48VA2 Outdoor unit 1:5 Indoor units Total capacity of all indoor units must not exceed 30.2kW.
Dimensions (W X D X H) : 799 x 232 x 290 mm	(Optional drainage kit is available)
MSXY-FN10VE MSXY-FN13VE MSXY-FN18VE Cooling capacity: 3.5kW* Cooling capacity: 5.0kW*	Room A
$\begin{array}{c} \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	MXY-5G48VA2 Dimensions (W X D X H) : 950 x 330 x 1048 mm Image: State of the sta
Dimensions (W X D X H) : 923 x 250 x 305 mm	Room E
MSXY-FN20VE MSXY-FN24VE Cooling capacity: 6.0kW* Cooling capacity: 7.1kW*	
EASY CLEAN CRAIME CHAINER CHAINE CHAINER CHAINER CHAINER CHAINE CHAINER CHAINE CHAINE CHAINER CHAINER CHAINER CHAINER CHAINER CHAINER CHAINE CHAIN	
DC Inverter PAM Control Catechin Image: Control Image: Control Image: Control Image: Control <t< td=""><td></td></t<>	

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 effciency 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

Inverter Multi Split system

Outdoor Unit



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



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



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



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

Model- Indoor Unit				MSXY-FN07VE	MSXY-FN10VE	MSXY-FN13VE	MSXY-FN18VE	MSXY-FN20VE	MSXY-FN24VE	
Rated Cap	acity		kW	2.0	2.8	3.5	5.0	6.0	7.1	
Power Input kW		kW	0.021	0.028	0.036	0.042	0.059			
Running Current			А	0.21	0.27	0.33	0.38	0.52		
Airflow Rate m3/min			m3/min	11.1	12.9	14.1	14.8	19.9		
Sound Lev	vel *		dB(A)	19-42	30	-50				
Dimensio	n (WxDx⊢	1)	mm		799 x 23	923 x 250 x 305				
Net Weight Kg			Kg			13				
External Gas (Φ)		mm		9.52 12.70						
Piping Diameter		Liquid (Φ)	mm			6.35			9.52	

Model- O	Outdoor Ui	nit		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)				
Total Powe	er Input		kW	0.925	1.23	1.35	1.52	1.89				
Full load C	COP			4.94	4.89	4.97	4.94					
Weighted	COP **			5.94	5.6	5.61						
Running Current A			А	4.47	5.57	5.57 6.11 6.88						
Dimension (W x D x H) mm			mm	800 x 285 x 550	840 x 3	30 x 710	950 x 330 x796	950 x 330 x 1048				
Net Weigh	nt		kg	38	53	62	86					
Sound Lev	el *		dB(a)	49	53							
External	External Diameter	Gas (Ф)	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)				
Piping		Liquid (Ф)	mm	2 nos. x 6.35	3 nos. x 6.35	4 nos.	x 6.35	5 nos. x 6.35				
Piping	Max Length	n (Each)	m	20		2	5					
Length	* Total Len	gth	m	30	6	60	70	80				
Power Sup	ply	V, I	Phase, Hz			230, 1, 50						
No. of con	inectable ind	oor units (Syst	em)	2	3	4	4	5				
Function &	к Туре					Cooling, Wall-mounted						
Energy Lab	pelling Schem	ne					774/ 279200					

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







Inverter Multi Split system MXY series

Model			EASY CLEAN, WIDE & LONG								
Outdoor				MXY-3A28VA	MXY-4A38VA						
Indoor				MSY-GE10VA/MSY-GE13VA/MSY-G	E18VA/MSY-GE24VA/MSY-GE26VA						
No. of con	nectable ind	oor units (Syste	em)	3	4						
Function &	type			Cooling, Wall-mounted							
Capacity			kW	Plassa refer to the c	hart on pages 15-18						
Power inpu	ıt		kW	rease refer to the chart of pages 15-10							
Full load C	COP			3.36	3.63						
Weighted	COP**			4.45	4.57						
Max Runni	ng current (I	ndoor only)	А	MSY-GE10VA : 0.22 / MSY-GE13VA : 0.29 /	MSY-GE18VA : 0.39 / MSY-GE24/26VA : 0.55						
Airflow (Hi	gh)	CMN	1(m³/min)	MSY-GE10VA :11.4 / MSY-GE13VA : 12.8 / M	MSY-GE18VA : 15.1 / MSY-GE24/26VA : 20.7*						
Dimension Indoor mm				MSY-GE10/13/18VA : 798 X 232 X 295 / MSY-GE24/26VA : 1,100 X 238 X 325							
(W x D x H) Outdoor mm		mm	840 X 330 X 710	900 X 320(+35) X 900							
Net weight Indoor kg				MSY-GE10/13/18VA :10) / MSY-GE24/26VA : 16						
Outdoor kg			kg	57	67						
*Sound level	(Silent - High)	Indoor	dB(A)	MSY-GE10VA : (19-40) / MSY-GE13V	'A : (19-45) / MSY-GE18VA : (28-49)						
				MSY-GE24/26VA : (30-53 [#])							
		Outdoor	dB(A)	49	46						
Connection	method	Indoor/Outdo	oor	Fla	ared						
External	Diameter	Gas (ø)	mm	MSY-GE10/13VA : 9.52 / MSY-GE18	VA : 12.70 / MSY-GE24/26VA : 15.88						
piping		Liquid (ø)	mm	MSY-GE10/13/18VA : 6.35	5 / MSY-GE24/26VA : 9.52						
Piping	Max. length	Total - Each	m	60 - 25	70 - 25						
Length	Max. heigh	t	m	1	5						
Power supp	oly	V, P	hase, Hz	230,	1, 50						
Energy labe	elling schem	e									

*Note: Sound level is measured in anechoic chambers. ** Tested based on NEA energy labelling scheme. *Super high + long + powerful mode

												Specifications
Туре		Name	Rated Capacity (kW)	Max Running Current (A)	Fan speed	Airflow (High) (m,/min)	Sound level (dB(A))	Dimensions (WxDxH)	Net weight (Kg)	Pipe size (mm)	Remote controller	External static pressure
Ceiling	PLA-RP	PLA-RP35BA	3.5	0.22	4 steps	15.0	27-31	840 x 840 x 258	28	6.35 / 12.70	Wireless(S) / Wired(O)	-
cassette		PLA-RP50BA	5.0	0.36	4 steps	18.0	28-32	840 x 840 x 258	28	6.35 / 12.70	Wireless(S) / Wired(O)	-
		PLA-RP71BA	7.1	0.51	4 steps	21.0	28 - 34	840 x 840 x 258	29	9.52 / 15.88	Wireless(S) / Wired(O)	-
Ceiling	MLZ	MLZ-KA50VA	5.0	0.30	3 steps	11.4	34-43	1102 x 360 x 175	18.5	6.35 / 12.70	Wireless(S)	-
Cassette												
Compact ceiling	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
concealed		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
Ceiling	PEAD-RP	PEAD-RP50JA(L)	5.0	1.39	3 steps	17.0	26-35	900 x 732 x 250	28	6.35 /12.70	Wireless(S) / Wired(O)	35/50/70/100/150
concealed		PEAD-RP60JA(L)	6.0	1.62	3 steps	21.0	25-33	1100 x 732 x 250	33	9.52 / 15.88	Wireless(S) / Wired(O)	35/50/70/100/150
		PEAD-RP71JA(L)	7.1	1.97	3 steps	25.0	26-34	1100 x 732 x 250	33	9.52 15.88	Wireless(S) / Wired(O)	35/50/70/100/150
Wall mounted	MSY-EF	MSY-EF10VA	2.5	0.14	5 steps	8.3	21-42	895 x 195 x 299	11.5	6.35 / 9.52	Wireless(S)	-
indi modifico		MSY-EF13VA	3.5	0.14	5 steps	8.3	21-42	895 x 195 x 299	11.5	6.35 / 9.52	Wireless(S)	-
		MSY-EF18VA	5.0	0.18	5 steps	9.3	30-43	895 x 195 x 299	11.5	6.35 / 12.70	Wireless(S)	-

*PEAD-RP60JA(L) and PEAD-RP71JA(L) can be connected to MXY-4A38VA only. Total Indoor Running current must not exceed 3Amps when connecting to PEAD series.

Legend: (S)-Standard, (O)-Optional









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

	Indoor unit combination		Capacit	y of each	indoor unit	nit (kW)	Tota	l capacity	(kW)	Total power input (kW)) Total running current (A)		
Outdoor unit	(4	(+B+C+D)	А		C	П	Nominal	Min	Max	Nominal	Min	Max	Nominal Rating	Min	Max
	1 Room	10	2 50	_	_	_	2 50	1 40	3 50	0.59	0.45	0.85	2.59	1.98	3.73
	1 Koom	13	3.50	_	_	_	3.50	1.10	4 30	0.81	0.45	1.00	3.56	1.98	4 39
		18	5.00	-	_	-	5.00	1.60	5.90	1.23	0.48	1.64	5.40	2.11	7.20
		24	6.00	_	-	_	6.00	1.60	6.60	1.72	0.54	1.95	7.55	2.37	8.56
		26	7.10	_	_	-	7.10	1.70	7.50	2.55	0.54	2.80	11.20	2.37	12.30
	2 Rooms	10+10	2.50	2.50	-	-	5.00	2.00	6.50	1.28	0.60	1.89	5.62	2.64	8.30
		10+13	2.50	3.50	_	-	6.00	2.00	6.80	1.74	0.60	2.06	7.64	2.64	9.05
		10+18	2.50	4.70	_	-	7.20	2.00	7.60	2.62	0.63	2.83	11.51	2.77	12.43
		10+24	2.20	5.00	_	-	7.20	2.00	8.20	2.62	0.64	3.22	11.51	2.81	14.14
		10+26	2.10	5.10	_	-	7.20	2.00	8.20	2.62	0.64	3.22	11.51	2.81	14.14
		13+13	3.50	3.50	_	-	7.00	2.00	7.40	2.36	0.60	2.59	10.36	2.64	11.37
		13+18	3.20	4.00	_	-	7.20	2.00	7.60	2.62	0.63	2.83	11.51	2.77	12.43
		13+24	3.00	4.20	-	-	7.20	2.00	8.20	2.62	0.64	3.22	11.51	2.81	14.14
		13+26	2.90	4.30	-	-	7.20	2.00	8.20	2.62	0.64	3.22	11.51	2.81	14.14
		18+18	3.60	3.60	-	-	7.20	2.00	7.50	2.62	0.66	2.84	11.51	2.90	12.47
		18+24	3.41	4.09	-	-	7.50	2.00	8.00	2.57	0.68	2.90	11.29	2.99	12.74
		18+26	3.10	4.40	-	-	7.50	2.00	8.00	2.57	0.68	2.90	11.29	2.99	12.74
		24+24	3.75	3.75	-	-	7.50	2.00	8.40	2.43	0.70	3.00	10.67	3.07	13.18
MXY-3A28VA		24+26	3.44	4.06	-	-	7.50	2.00	8.40	2.43	0.70	3.00	10.67	3.07	13.18
	3 Rooms	10+10+10	2.50	2.50	2.50	-	7.50	2.90	8.90	2.18	0.76	2.88	9.57	3.34	12.65
		10+10+13	2.21	2.21	3.08	-	7.50	2.90	8.90	2.18	0.76	2.88	9.57	3.34	12.65
		10+10+18	1.88	1.88	3.74	-	7.50	2.90	8.90	2.10	0.79	2.88	9.22	3.47	12.65
		10+10+24	1.70	1.70	4.10	-	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		10+10+26	1.55	1.55	4.40	-	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		10+13+13	1.98	2.76	2.76	-	7.50	2.90	8.90	2.18	0.76	2.88	9.57	3.34	12.65
		10+13+18	1.70	2.39	3.41	-	7.50	2.90	8.90	2.10	0.79	2.88	9.22	3.47	12.65
		10+13+24	1.56	2.19	3.75	-	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		10+13+26	1.44	2.00	4.06	-	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		10+18+18	1.50	3.00	3.00	-	7.50	2.90	8.90	2.08	0.82	2.88	9.13	3.60	12.65
		10+18+24	1.39	2.78	3.33	-	7.50	2.90	8.90	2.04	0.83	2.88	0.96	3.65	12.65
		10+10+20	1.28	2.57	3.65	-	7.50	2.90	8.90	2.04	0.83	2.88	0.96	3.65	12.65
		13+13+13	2.50	2.50	2.50	-	7.50	2.90	8.90	2.18	0.76	2.88	9.5/	3.34	12.65
		13+13+18	2.19	2.19	3.12	-	7.50	2.90	8.90	2.10	0.79	2.88	9.22	3.4/	12.65
		13+13+24	2.02	2.02	2.79	-	7.50	2.90	0.90	2.00	0.80	2.00	9.15	2.51	12.65
		13+13+20	1.00	1.00	3.70	-	7.50	2.90	0.90	2.00	0.00	2.00	9.13	3.51	12.05
		13+10+10	1.94	2.70	2.70	-	7.50	2.90	0.90	2.00	0.82	2.00	9.15	2.60	12.03
	1 Room	10+10+24	2.50	2.50	5.10	_	2.50	2.90	3.50	0.59	0.62	0.81	2.59	1.89	3.56
	1 KOOM	13	3.50	-	_	-	3.50	1.40	4.30	0.55	0.43	1.00	3.56	1.89	4.39
		18	5.00	_	-	_	5.00	1.50	6.10	1.23	0.47	1.64	5.40	2.06	7.20
		24	6.00	-	-	-	6.00	1.60	6.70	1.72	0.47	1.93	7.55	2.06	8.48
		26	7.10	-	-	-	7.10	1.60	8.50	2.55	0.47	3.48	11.20	2.06	15.28
	2 Rooms	10+10	2.50	2.50	-	-	5.00	2.00	6.50	1.18	0.64	1.89	5.18	2.81	8.30
		10+13	2.50	3.50	-	-	6.00	2.00	7.30	1.61	0.64	2.35	7.07	2.81	10.32
		10+18	2.50	5.00	-	-	7.50	2.00	8.50	2.46	0.64	3.28	10.80	2.81	14.40
		10+24	2.50	6.00	-	-	8.50	2.00	8.70	3.32	0.65	3.48	14.58	2.85	15.28
		10+20	3.50	3.50	_	_	8.70	2.00	8.80	3.38	0.65	3.48	0.75	2.85	12.28
		13+18	3.50	5.00	_	_	8.50	2.00	8.90	3 32	0.64	3.48	14 58	2.81	15.28
		13+24	3.21	5.49	-	-	8.70	2.00	9.10	3.27	0.65	3.48	14.36	2.85	15.28
		13+26	2.87	5.83	-	-	8.70	2.00	9.10	3.20	0.65	3.48	14.05	2.85	15.28
		18+18	4.35	4.35	-	-	8.70	2.10	9.10	3.20	0.69	3.48	14.05	3.03	15.28
		18+24	4.00	4.80	-	-	8.80	2.10	9.20	3.20	0.69	3.48	14.05	3.03	15.28
		18+26	3.64	5.16	-	-	8.80	2.10	9.20	3.20	0.69	3.48	14.05	3.03	15.28
		24+24	4.40	4.40	-	-	8.80	2.10	9.20	3.20	0.69	3.48	14.05	3.03	15.28
		24+26	4.03	4.//	-	-	8.80	2.10	9.20	3.20	0.69	3.48	14.05	3.03	15.28
	3 Rooms	20+20	2.50	2.50	2 50	_	7.50	2.10	9.20	1.88	0.69	3.40	8 26	3.05	15.20
	5 Rooms	10+10+13	2.50	2.50	3.50	-	8.50	2.90	10.00	2.33	0.78	3.48	10.23	3.43	15.28
		10+10+18	2.28	2.28	4.54	-	9.10	2.90	10.60	2.52	0.81	3.48	11.07	3.56	15.28
		10+10+24	2.07	2.07	4.96	-	9.10	2.90	10.60	2.51	0.81	3.48	11.02	3.56	15.28
		10+10+26	1.88	1.88	5.34	-	9.10	2.90	10.60	2.51	0.81	3.48	11.02	3.56	15.28
MXY-4A38VA		10+13+13	2.36	3.32	3.32	-	9.00	2.90	10.60	2.54	0.78	3.48	11.16	3.43	15.28
		10+13+18	2.07	2.90	4.13	-	9.10	2.90	10.60	2.51	0.81	3.48	11.02	3.56	15.28
		10+13+24	1.90	2.05	4.55	_	9.10	2.90	10.60	2.51	0.81	3.48	11.02	3.50	15.28
		10+18+18	1.84	3.68	3.68	_	9.20	2.90	10.70	2.58	0.81	3.48	11.33	3.56	15.28
		10+18+24	1.70	3.42	4.08	-	9.20	2.90	10.70	2.58	0.81	3.48	11.33	3.56	15.28
		10+18+26	1.58	3.15	4.47	-	9.20	2.90	10.70	2.56	0.81	3.48	11.24	3.56	15.28
		10+24+24	1.58	3.81	3.81	-	9.20	2.90	10.70	2.55	0.81	3.48	11.20	3.56	15.28
		13+13+13	3.00	3.00	3.00	-	9.00	2.90	10.60	2.52	0.81	3.48	11.07	3.56	15.28
		13+13+18	2.65	2.65	3.80	-	9.10	2.90	10.60	2.51	0.81	3.48	11.02	3.56	15.28
		13+13+24	2.48	2.48	4.24	-	9.20	2.90	10.70	2.59	0.81	3.48	11.37	3.56	15.28
		13+13+20	2.28	2.28	4.64	-	9.20	2.90	10.70	2.59	0.81	3.48	11.37	3.50	15.28
		13+18+24	2.30	3.17	3.81	_	9.20	2.90	10.70	2.56	0.81	3.48	11.33	3.56	15.28
		13+24+24	2.08	3.56	3.56	-	9.20	2.90	10.80	2.55	0.81	3.48	11.20	3.56	15.28
		18+18+18	3.06	3.06	3.06	-	9.18	2.90	10.80	2.53	0.83	3.48	11.11	3.65	15.28
	4 Rooms	10+10+10+10	2.30	2.30	2.30	2.30	9.20	3.70	11.20	2.48	0.93	3.48	10.89	4.08	15.28
		10+10+10+13	2.09	2.09	2.09	2.93	9.20	3.70	11.20	2.48	0.93	3.48	10.89	4.08	15.28
		10+10+10+18	1.84	1.84	1.84	3.68	9.20	3.70	11.20	2.45	0.93	3.45	10.76	4.08	15.15
		10+10+10+24	1.70	1.70	1.70	4.10	9.20	3.70	11.20	2.44	0.93	3.44	10.72	4.08	15.11
		10+10+10+26	1.58	1.58	1.58	4.46	9.20	3.70	11.20	2.44	0.93	3.44	10.72	4.08	15.11
		10+10+13+13	1.92	1.92	2.08	2.08	9.20	3.70	11.20	2.48	0.93	3.48	10.89	4.08	15.28
		10+10+13+24	1.59	1.59	2.39	3.80	9.20	3.70	11.20	2.45	0.93	3.44	10.70	4.08	15.15
		10+10+13+26	1.47	1.47	2.07	4.19	9.20	3.70	11.20	2.44	0.93	3.44	10.72	4.08	15.11
		10+10+18+18	1.53	1.53	3.07	3.07	9.20	3.70	11.20	2.41	0.95	3.41	10.58	4.17	14.98
		10+13+13+13	1.76	2.48	2.48	2.48	9.20	3.70	11.20	2.48	0.93	3.48	10.89	4.08	15.28
		10+13+13+18	1.59	2.22	2.22	3.17	9.20	3.70	11.20	2.45	0.93	3.45	10.76	4.08	15.15
		10+13+13+24	1.48	2.08	2.08	3.56	9.20	3.70	11.20	2.44	0.93	3.44	10.72	4.08	15.11
		13+13+13+13	2.30	2.30	2.30	2.30	9.20	3.70	11.20	2.48	0.93	3.48	10.89	4.08	15.28
		13+13+13+18	2.08	2.08	2.08	2.96	9.20	3.70	11.20	2.45	0.93	3.45	10.76	4.08	15.15
		13+13+13+24	1.95	1.95	1.95	3.35	9.20	3.70	11.20	2.45	0.93	3.45	10.76	4.08	15.15





Inverter Multi Split System MXY Series (For HDB flats with limited current)

	Indoor unit combination		Capacity of each indoor unit (kW) Total capacity ((kW)	Total power input (kW)		Total running current (A)		rent (A)					
Outdoor unit	()	+B+C+D	А	B	C	П	Nominal	Min	Max	Nominal	Min	Max	Nominal	Min	Max
	1 Room	10	2 50	_	_	_	2.50	1 40	3 50	0.59	0.45	0.85	2 59	1.98	3.73
	1 Koom	13	3.50	_	_	_	3.50	1.10	4 30	0.81	0.45	1.00	3.56	1.98	4 39
		18	5.00	_	_	_	5.00	1.60	5.90	1.23	0.48	1.64	5.40	2.11	7.20
		24	6.00	_	_	_	6.00	1.60	6.60	1.72	0.54	1.95	7.55	2.37	8.56
		26	6.70	_	_	-	6.70	1.70	6.70	1.93	0.54	1.93	8.48	2.37	8.48
	2 Rooms	10+10	2.50	2.50	-	-	5.00	2.00	6.50	1.28	0.60	1.89	5.62	2.64	8.30
		10+13	2.50	3.50	_	-	6.00	2.00	6.60	1.74	0.60	1.93	7.64	2.64	8.48
		10+18	2.25	4.45	-	-	6.70	2.00	6.70	1.91	0.63	1.91	8.39	2.77	8.39
		10+24	1.99	4.71	-	-	6.70	2.00	6.70	1.91	0.64	1.91	8.39	2.81	8.39
		10+26	1.77	4.93	_	-	6.70	2.00	6.70	1.91	0.64	1.91	8.39	2.81	8.39
		13+13	3.35	3.35	_	-	6.70	2.00	6.70	1.93	0.60	1.93	8.48	2.64	8.48
		13+18	2.77	3.93	_	-	6.70	2.00	6.70	1.91	0.63	1.91	8.39	2.77	8.39
		13+24	2.48	4.22	-	-	6.70	2.00	6.70	1.91	0.64	1.91	8.39	2.81	8.39
		13+26	2.23	4.47	-	-	6.70	2.00	6.70	1.91	0.64	1.91	8.39	2.81	8.39
		18+18	3.35	3.35	-	-	6.70	2.00	6.70	1.91	0.66	1.91	8.39	2.90	8.39
		18+24	3.05	3.65	-	-	6.70	2.00	6.70	1.91	0.68	1.91	8.39	2.99	8.39
		18+26	2.80	3.90	-	-	6.70	2.00	6.70	1.91	0.68	1.91	8.39	2.99	8.39
MXY-3A28VA		24+24	3.35	3.35	-	-	6.70	2.00	6.70	1.91	0.70	1.91	8.39	3.07	8.39
(8.5A)		24+26	3.07	3.63	-	-	6.70	2.00	6.70	1.91	0.70	1.91	8.39	3.07	8.39
	3 Rooms	10+10+10	2.40	2.40	2.40	-	7.20	2.90	7.20	1.90	0.76	1.90	8.34	3.34	8.34
		10+10+13	2.11	2.11	2.98	-	7.20	2.90	7.20	1.90	0.76	1.90	8.34	3.34	8.34
		10+10+18	1.78	1.78	3.64	-	7.20	2.90	7.20	1.90	0.79	1.90	8.34	3.47	8.34
		10+10+24	1.60	1.60	4.00	-	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		10+10+26	1.45	1.45	4.30	-	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		10+13+13	1.88	2.66	2.66	-	7.20	2.90	7.20	1.90	0.76	1.90	8.34	3.34	8.34
		10+13+10	1.60	2.29	3.31	_	7.20	2.90	7.20	1.90	0.79	1.90	0.34	3.4/	0.34
		10+13+24	1.40	2.09	2.05	-	7.20	2.90	7.20	1.90	0.80	1.90	0.34	3.51	0.34
		10+13+20	1.54	2.90	2.90	_	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.60	0.54
		10+18+24	1.40	2.50	3.23	_	7.20	2.90	7.20	1.90	0.82	1.90	8 3/	3.65	8.34
		10+18+26	1.29	2.00	3.55		7.20	2.50	7.20	1.90	0.83	1.90	8 34	3.65	834
		13+13+13	2.40	2.40	2.40	_	7.20	2.90	7.20	1.90	0.76	1.90	8.34	3.34	8.34
		13+13+18	2.09	2.09	3.02	_	7.20	2.90	7.20	1.90	0.79	1.90	8.34	3.47	8.34
		13+13+24	1.92	1.92	3.36	_	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		13+13+26	1.76	1.76	3.68	-	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		13+18+18	1.84	2.68	2.68	-	7.20	2.90	7.20	1.90	0.82	1.90	8.34	3.60	8.34
		13+18+24	1.72	2.48	3.00	-	7.20	2.90	7.20	1.90	0.82	1.90	8.34	3.60	8.34
	1 Room	10	2.50	-	-	-	2.50	1.40	3.50	0.59	0.43	0.81	2.59	1.89	3.56
		13	3.50	-	-	-	3.50	1.40	4.30	0.81	0.43	1.00	3.56	1.89	4.39
		18	5.00	-	-	-	5.00	1.50	6.10	1.23	0.47	1.64	5.40	2.06	7.20
2 Rooms		24	6.00	-	-	-	6.00	1.60	6.70	1.72	0.47	1.93	7.55	2.06	8.48
		26	6.70	-	-	-	6.70	1.60	6.70	1.93	0.47	1.93	8.48	2.06	8.48
	2 Rooms	10+10	2.50	2.50	-	-	5.00	2.00	6.50	1.18	0.64	1.89	5.18	2.81	8.30
		10+15	2.50	5.50	-	-	6.00	2.00	6.60	1.01	0.64	1.69	8.48	2.81	8.30
		10+18	1.20	4.40	_	_	6.60	2.00	6.60	1.93	0.65	1.93	8.48	2.01	8.48
		10+26	1.72	4.88	-	-	6.60	2.00	6.60	1.93	0.65	1.93	8.48	2.85	8.48
		13+13	3.25	3.25	-	-	6.50	2.00	6.50	1.93	0.64	1.93	8.48	2.81	8.48
		13+18	2.72	3.88	-	-	6.60	2.00	6.60	1.93	0.64	1.93	8.48	2.81	8.48
		13+24	2.43	4.17	-	-	6.60	2.00	6.60	1.93	0.65	1.93	8.48	2.85	8.48
		13+26	2.18	4.42	-	-	6.60	2.00	6.60	1.93	0.65	1.93	8.48	2.85	8.48
		18+18	3.35	3.35	-	-	6.70	2.10	6.70	1.93	0.69	1.93	8.48	3.03	8.48
		18+24	2.05	3.00	_	_	6.70	2.10	6.70	1.95	0.69	1.93	0.40 8.48	3.03	8.48
		24+24	3.35	3.35	_	_	6.70	2.10	6.70	1.93	0.69	1.93	8.48	3.03	8.48
		24+26	3.07	3.63	-	-	6.70	2.10	6.70	1.93	0.69	1.93	8.48	3.03	8.48
		26+26	3.35	3.35	-	-	6.70	2.10	6.70	1.93	0.69	1.93	8.48	3.03	8.48
	3 Rooms	10+10+10	2.50	2.50	2.50	-	7.50	2.90	7.60	1.88	0.78	1.93	8.26	3.43	8.48
		10+10+13	2.24	2.24	3.12	-	7.60	2.90	7.60	1.93	0.78	1.93	8.48	3.43	8.48
		10+10+18	1.95	1.95	3.90	-	7.80	2.90	7.80	1.93	0.81	1.93	8.48	3.56	8.48
		10+10+24	1.77	1.77	4.20	_	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.50	8.43
		10+13+13	2,00	2,80	2,80	_	7.60	2.90	7,60	1.92	0,78	1.93	8,48	3.43	8,48
MXY-4A38VA (8.5A)		10+13+18	1.77	2.48	3.55	-	7.80	2.90	7.80	1.93	0.81	1.93	8.48	3.56	8.48
(0.574)		10+13+24	1.63	2.27	3.90	-	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
		10+13+26	1.49	2.08	4.23	-	7.80	2.90	7.80	1.93	0.81	1.92	8.48	3.56	8.43
		10+18+18	1.56	3.12	3.12	-	7.80	2.90	7.80	1.93	0.81	1.93	8.48	3.56	8.48
		10+18+24	1.44	2.89	3.47	-	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
		10+18+20	1.54	2.07	3.79	_	7.80	2.90	7.80	1.92	0.81	1.92	8 3 9	3.50	8 3 9
		13+13+13	2.53	2.53	2.53	_	7.59	2.90	7.59	1.93	0.81	1.93	8.48	3.56	8.48
		13+13+18	2.28	2.28	3.24	-	7.80	2.90	7.80	1.93	0.81	1.93	8.48	3.56	8.48
		13+13+24	2.10	2.10	3.60	-	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
		13+13+26	1.94	1.94	3.92	-	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
		13+18+18	2.02	2.89	2.89	-	7.80	2.90	7.80	1.93	0.81	1.93	8.48	3.56	8.48
		13+18+24	1.88	2.69	3.23	-	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
		13+24+24	1./6	3.02	3.02	-	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
	4 Rooms	10+10+10	2.00	2.00	2.00	2 00	7.80	2.90	7.80	1.91	0.85	1.91	8.48	3.05 4.08	8.48
	7 Rooms	10+10+10+13	1.82	1.82	1.82	2.54	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+10+18	1.60	1.60	1.60	3.20	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+10+24	1.48	1.48	1.48	3.56	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+10+26	1.37	1.37	1.37	3.89	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+13+13	1.67	1.67	2.33	2.33	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+13+18	1.48	1.48	2.08	2.96	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+13+24	1.38	1.38	1.93	3.31	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+13+20	1.28	1.28	1.80	3.64	8.00	3.70	8.00	1.93	0.93	1.93	8.48 8.48	4.08	8.48
		10+13+13+13	1.55	2.15	2.07	2.07	8.00	3.70	8.00	1.93	0.93	1.93	8,48	4.08	8.48
		10+13+13+18	1.38	1.93	1.93	2.76	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+13+13+24	1.29	1.81	1.81	3.09	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		13+13+13+13	2.00	2.00	2.00	2.00	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		13+13+13+18	1.81	1.81	1.81	2.57	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		13+13+13+24	1.70	1.70	1.70	2.90	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48

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.





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.



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.



Filter effectively eliminates PM2.5 particles to maintain clean air in the room. Removal efficiency of particulates sizes ranging $0.3-2.5\mu$ 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 0.3-2.5µm 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)

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

Series	18	24		
PEY-P JA	35/50/70/1	100/125 Pa		

Model - In	door Unit			PEY-P18JA	PEY-P24JA	
Rated Capacity		kW	5.3	7.1		
Power Input		kW	0.09	0.15		
Airflow Rate (Lo-Mid-High)		m3/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 Weigh	nt		Kg	27	29	
External	Diamatar	Gas Ø	mm	12.70	15.88	
Piping	Diameter	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)

FJ Series

Compact, high-performance indoor and outdoor units and advanced inverter technologies provide superior energy savings and comfort in all rooms.





MSXY-FJ



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.

Nano Iatinum 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.



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. 007715-1,1 *2 Japan Food Research Laboratories Ref. No. 20491448-002 *3 Shinshu University)







EF Series

specially chosen to blend in naturally wherever installed.



Stylish Line-up Matches Any Room Décor

The streamlined wall-mounted indoor units have eloquent silver-bevelled edges, expressing sophistication and quality. Combining impressively low power consumption and quiet yet powerful performance, these units provide a best-match scenario for diverse interior designs while simultaneously ensuring maximum room and energy savings.

Weekly Timer Function

Easily sets desired temperatures and operation start/stop times to match lifestyle patterns. Reduces wasted energy consumption by using the timer to prevent forgetting to turn off the unit and eliminate temperature setting adjustments.

Easy Set-up Using Dedicated Buttons



The remote controller is equipped with buttons that are used exclusively for setting the Weekly Timer. Setting operation patterns is easy and quick.



• A maximum of 4 ON or OFF timers can be set for individual days of the week Settings • A maximum of 28 ON or OFF timers can be set for a week.





Quiet Comfort All Day Long

Mitsubishi Electric's advanced "Quiet Mode" fan speed setting provides super-quiet operation as low as 21dB for EF10/13 models. This unique feature makes the StarMEX ZEN series ideal for use in any situation.





Superior Exterior and Operating Design Concept

The indoor unit of the StarMEX ZEN keeps its amazingly thin form even during operation. The only physical change noticeable is the movement of the variable vent. As a result, a slim attractive look is maintained.

Nano Platinum Filter

This filter incorporates nanometre-sized platinum-ceramic particles that generate stable antibacterial and deodorizing effects. The size of the three-dimensional surface has been increased as well, enlarging the filter capture area. These features give the Nano Platinum Filter better dust collection performance than conventional filters. The superior air-cleaning effectiveness raises room comfort yet another level.



3D surface (Waved surface)



PLA Series

New 4-way Ceiling Cassette Provided with Radiation Temperature Sensor, "i-see sensor," Presents Advanced and Upgraded Thermal Comfort.



Fully Evolved New 4-way Ceiling Cassette

Wide Airflow

The new wide shape vane capable of wide angle air supply provides comfort even at the corners of a room regardless of cooling and heating operation. A reduction in the air speed by 20% compared to the conventional product eliminates uncomfortable draft sensation for friendly air conditioning.



Draft-less Air Distribution

The horizontal blow mode¹ newly employed supplies airflow horizontally not bringing cooled/warmed air directly to occupants thus preventing discomfort sensation due to excessive cooling or direct exposing of occupants to the air blow.



- Default
- The ceiling may be smudged at a spot where the supplied airflow is seriously disturbed.

Draft-less air distribution can be performed by horizontal blow.

Setting of Airflow Direction by Individual Vane

When the airflow direction at the outlet is desired to be changed for altering of your room layout or for switching over of cooling and heating operation at the applicable season, a troublesome work was required in the past. However, the new settings in 4-way Ceiling Cassette can changed by using the wired remote controller.



Remote Control setting

The New Swing Function Warms All Corners of the Room

The wave airflow system has 4 vanes where each vane runs independently. Repeating of horizontal and down blows with a time lag allows the conditioned warm air to be distributed evenly to room corners thus preventing uneven room temperature distribution.

• Operation image of "Wave Airflow"



] Vertical swinging mode is adapted in the case of cooling operation



Down blow
 Down blow

• Comparison was made at a time for about 20 minutes after starting of the 4-way Ceiling Cassette PLA-RP71BA. The measuring point for comparison located on a plain surface of 1.2m above the floor

MLZ Series

Introducing a new ceiling cassette type in the Multi-Split Series, designed to streamline room interior dimensions and looks.



MLZ-KA VA

Ceiling Mounted Style

Ceiling mounted installation helps streamline room interiors. The overhead format is also an excellent solution when lighting equipment is installed at the center of the room and fixtures like bookshelves mounted on wall surfaces.



Air Volume Settings by Ceiling Height

Dual-level air volume selection is engineered to accommodate specific ceiling heights. This feature offers the key to effective adjustments when airflow is either too strong or too weak because of the mismatching of the ceiling height.

	25	35	50
Standard	2.4m	2.4m	2.4m
High ceiling	2.7m	2.7m	2.7m

Slim Body

This new unit is designed with a slim body only 175mm in height, ensuring easy installation even when low ceiling cavities limit installation space. Also eliminates the need for ceiling cavity service space, further reducing the dimensions required for installation.



Auto Vane Control

With remote controller, the air outlet can be controled left and right, and up and down. The draft problem can be solved by this improvred air outlet control.

Left and Right



Easy Installation

Parts for greater speed and ease in the installation process are equipped. For example, a built-in drainpump (built for 500mm lift), provides flexible drain joint for easy drain hose attachment in the ceiling cavity area. Besides these, this model eliminates the need to wrap heat-insulation tape after connecting the pipes at the drain cover, a step that boosts peace of mind in preventing dew drops.



PEAD Series

The thin, ceiling-concealed indoor units of this series are the perfect answer for the air conditioning needs of buildings with minimum ceiling installation space and wide-ranging external static pressure. Energy-saving efficiency has been improved, reducing electricity consumption and contributing to a further reduction in operating cost.



PEAD-RP50/60/71JA(L)

Compact Indoor Units

The height of the models from 35–140 has been unified to 250mm. Compared to the previous PEAD-RP EA model, the height has been reduced by as much as 75mm (models 100–140), making installation in low ceilings with minimal clearance space possible.



External Static Pressure

Five-stage external static pressure conversion is possible. Capable of being set to a maximum of 150Pa, units are applicable to a wide range of building types.

External static pressure setting

Series	35	50	60	71	100	125	140		
PEAD-RP EA		30/70Pa			70/130 (with optional motor) Pa				
PEAD-RP GA	-	-	10/50/70Pa			-	-		
PEAD-RP JA	35/50/70/100/150Pa								

External Static Pressure

The line-up consists of two types, models with or without a built-in drain pump.







PEAD-RP JAL → No drain pump *Units with an "L" included at the end of the model name are not equipped with a drain pump.

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.

[Dimension Comparison]



SEZ-KA35VAL



SEZ-KD35VAL

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.



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.



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

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 _			Outdoor Unit	
		optional		SUY-ZP50VA/KA60VA Dimensions (W X D X H) : 800 x 285 x 714 mm
Dimensions (W X D X H): 84	0 X 840 X 258 mm			
PLY-P60EA Cooling capacity: 5.5kW		optional		SUY-KA80/100VA Dimensions (W X D X H) : 840 x 330 x 880 mm
Dimensions (W X D X H) : 840	0 X 840 X 298 mm			PUY-P125VKA
PLY-ZP50EA Cooling capacity: 4.7kW	PLY-P80EA Cooling capacity: 7.2kW	PLY-P100EA PLY-P125 Cooling capacity: 9.5kW Cooling capacity	ity: 11.4kW	Dimensions (W X D X H) : 1050 x 330 x 1338 mm
DC Inverter Control	(For wired controller on	y	e R410A	
Mr Slim Inverter	Ceiling Cassette 1	Type PLY Series		
Madal		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

Indoor				PLY-ZP50EA-SG	PLY-P60EA	PLY-P80EA	PLY-P100EA	PLY-P125EA			
Outdoor				SUY-ZP50VA-SG	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			А	4.5	5.88	7.69	11.51	13.73			
Airflow		CMM(n	n³/min)	14-17-20-23	15-18-20-23	17-21-25-29	19-23-27-32	21-25-29-34			
Dimension	Indoor mm		840 x 840 x 298	840 x 840 x 258	840 x 840 x 298						
$(W \times D \times H)$	Outdoor mm		800 x 285 x 714		840 x 330 x 880		1050 x 330 x 1338				
Not Woight	Indoor kg		27	21	24	2	.7				
Net Weight	Outdoor kg		40		50	51	102				
Indoor Sound level *	(Silent - High	ı)	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 *	(Silent - High	ı)	dB(A)	48		50 54		55			
Connection method	Indoor/Outdo	oor		Flared							
Extornal Piping	Diamotor	Gas (ø)	mm	15.88							
External riping	Diameter	Liquid (ø)	mm	9.52							
Piping Length	Max. length		m		3	0		50			
riping Length	Max. height		m	1.	2	1	5	30			
Power Supply V, Phase, Hz					230, 1, 50						
Energy labelling scheme				Coded Co	Cory Date 102 237700 Core Core Core Core Core Core Core Core	WE SHOW	Construction Co	Construction Co			

*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

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.





Indoor			PEY-P50JAL	PEY-P60JAL	PEY-P80JAL	PEY-P100JAL	PEY-P125JAL			
Outdoor			SUY-KA50VA	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	1.29	1.61	2.15	3.20	4.05			
Full load COP			4.30	4.30	4.33	3.83	3.81			
Weighted COP**			5.28	5.25	4.95	4.74	4.79			
Running Current		A	6.26	6.66	8.67	12.98	15.08			
Airflow		CMM(m ³ /min)	17.5-21-25	17.5-21-25	24-29-34	29.5-35.5-42	29.5-35.5-42			
Dimension	Indoor	mm	1100 x 7	1100 x 732 x 250		1400 x 732 x 250				
(W x D x H)	Outdoor mm		800 x 285 x 714		840 x 330 x 880		1050 x 330 x 1338			
Not Woight	Indoor	kg	3	30		4	0			
Net Weight	Outdoor kg		4	40		51	102			
Indoor Sound level *	(Silent - High) dB(A)	30-34-39	30-34-39	33-38-42	36-40-44	36-40-44			
Outdoor Sound Level *	(Silent - High) dB(A)	47	48	50	54	55			
Connection method	Indoor/Outdo	noc	Flared							
Extornal Pining	Diamotor	Gas (ø) mm	15.88							
External riping	Diameter	Liquid (ø) mm			9.52					
Piping Length	Max. length	m		3	0		50			
riping Lengui	Max. height	m	1	2	1	5	30			
Power Supply		V, Phase, Hz			230, 1, 50					
Energy labelling scheme			The second secon				Contraction of the second seco			

*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

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.





Mr Slim Inverter Ceiling-Suspended Type PCY Series

		0	1 / 1								
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)				
Total 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		А	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 Indoor mm		mm	1280 X 6	680 X 230 1600 X 680 X 230							
(W x D x H) Outdoor mm		mm	800 X 285 X 550		840 X 330 X 880		1050 X 330 X 1338				
Net weight Indoor kg		kg	32	32	37	4	0				
	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/Out	door			Flared						
External Diameter	Gas (ø)	mm	12.70		15.	88					
Piping	Liquid (ø)	mm	6.35		9.	52					
Piping Max. lengt	h	m	20		30		50				
Length Max. heigh	nt	m	12		15		30				
Power supply V, Phase, Hz					230, 1, 50						
Energy labelling scheme			Figure 1 and the second s				Table Control				

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

Conversion formula: Btu/h=kW × 3412



Outdoor Unit _

SMART LEV

Indoor Unit ____



MXY-4C100VA (4HP) MXY-5C125VA (5HP) MXY-6C140VA (6HP) Dimension (W x D x H) 1050 x 330 x 1338 mm

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РМ **2.5**

STATINEX Plus Series

Mox11) Indoor s	specifice	ation									
Model- Indoor Un	nit		MSXY-FJ05VE	MSXY-FJ07VE	MSXY-FJ10VE	MSXY-FJ13VE	MSXY-FJ18VE	MSXY-FJ24VE			
Rated Capacity		kW	1.5	1.5 2 2.8 3.5		5	7.1				
Power Input	Power Input kW)28	0.0)38	0.05	0.059			
Running Current A			0.28	0.28	0.35	0.35	0.45	0.52			
Airflow Rate m3/min			15.1	15.1	16.9	16.9	18.7	19.9			
Sound Level	Sound Level dB(A)			19-42	19-47	19-47	28-49	30-50			
Dimension (W x E	DxH)	mm			923 x 25	50 x 305					
Net Weight		kg		13							
External Piping E	Diameter	Gas (Ф) mm	9.52	9.52	9.52	9.52	12.70	15.88			
		Liquid (Φ) mm	6.35	6.35	6.35	6.35	6.35	9.52			

PAM

Model Outdoor	Unit								
	Omt		MA1-4C100VA	MAT-5CT25VA	MAT-0C140VA				
Capacity		kW	11.2	14	15.5				
Total Power Input		kW	2.3	2.88	3.19				
Full load COP			5.75	5.38	5.39				
Weighted COP			6.1	6.11	6.05				
Running Current		А	10.97	13.72	15.29				
Dimension (W x D	x H)	mm		1050 x 330 x 1338					
Net Weight		kg		122					
Sound Level		dB(A)	49	50	51				
External Piping	Diameter Gas (Φ) mm		15.88						
		Liquid (Ф) mm		9.52					
	Connectivit	y Range	50% - 130%						
Piping Length	PEFY (Per	unit) m	30	30	30				
	MSXY-FJ /	SEZ (Per unit) m	25	25	25				
	Outdoor u	nit to Branch Box m	55	55	55				
	* Total Ler	ngth	150~240	150~270	150~300				
Power Supply		V, Phase, Hz		230, 1, 50					
Energy Labelling Scheme									

* Please refer to Service Handbook for detailed specification.



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phases of the development process from design and manufacture, to the finished product.





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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.

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