

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.



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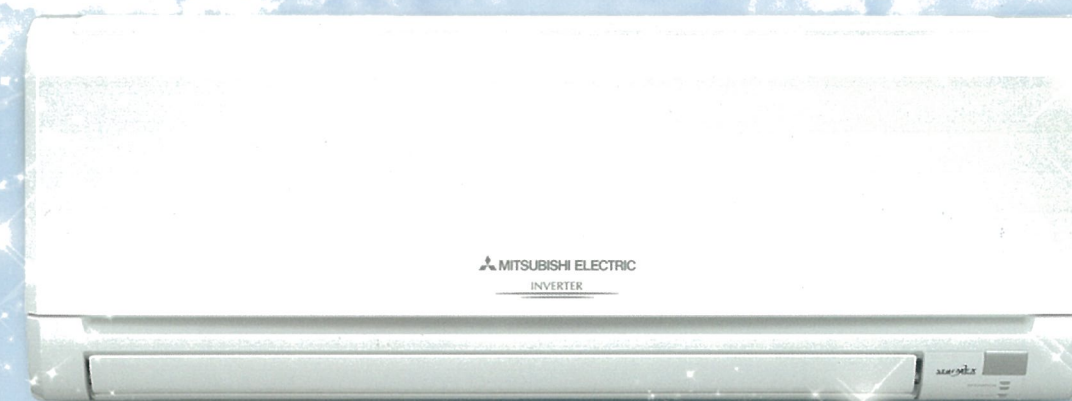
MITSUBISHI ELECTRIC
Changes for the Better

Mitsubishi
MElectric
Quality



Reader's Digest SuperBrand & TrustedBrand (Asia or Singapore)
2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012 & 2013

Mitsubishi Electric
starMEX
Air-Conditioner



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

At the leading-edge of air conditioning technology

**ENERGY
Savings**

**EASIEST
To Clean!**
Reachable Inner Vent
for Easy Clean

**QUIETEST
19dB**



Inverter Series
Mr.SLIM
R410A

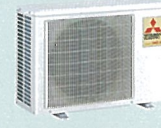
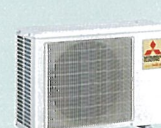
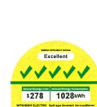
Manufacturer of the
**World's First
Wall-Mounted
Split Air Conditioner***
*applying line flow fan

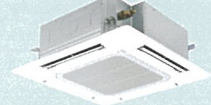
Mitsubishi Electric StarMEX Inverter Air Conditioners have attained "Excellent" energy efficiency rating under the Singapore Mandatory Energy Labelling Scheme.

Source: National Climate Change Committee website - <http://www.nccc.gov.sg>

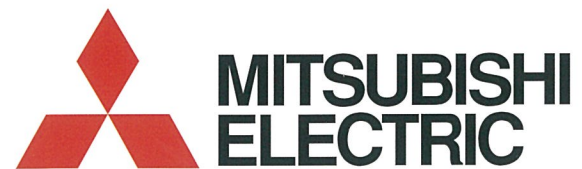
Inverter Multi Split		Type		Connectable Indoor Units	Page	Energy labelling scheme
Model	Refrigerant					
MXY-3A28VA up to 3 indoor units	 			 MSY-GE10/13VA MSY-GE18VA	14	
MXY-4A28VA up to 4 indoor units	 			 MSY-GE24/26VA	14	
MXY-4A38VA up to 4 indoor units	 			 MSY-EF10/13/18VAB	23	
MXY-2E20VA up to 2 indoor units *MXY-2E20VA can be connected to wall mount series only of up to cooling capacity of 3.5kW.	 			 MSY-GE10/13VA  MSY-EF10/13VAB	14 23	
Inverter Multi Split		Type		Connectable Indoor Units	Page	Energy labelling scheme
Model	Refrigerant					
MXY-3A28VA up to 3 indoor units	 			 PLA-RP35/50/71BA	24	
MXY-4A38VA up to 4 indoor units	 			 MLZ-KA50VA	25	
Inverter Multi Split		Type		Connectable Indoor Units	Page	Energy labelling scheme
Model	Refrigerant					
MXY-3A28VA up to 3 indoor units	 			 SEZ-KD35/50/71VAL	27	
MXY-4A38VA up to 4 indoor units	 			 SEZ-KD35/50/71VAL  PEAD-RP50/60/71JA(L) *PEAD-RP71JA(L) can be connected to MXY-4A38VA only. Total Indoor Running current must not exceed 3Amps when connecting to PEAD series.	27 26	

Conversion formula: Btu/h=KW X 3412

Inverter Single Split		Type		Connectable Indoor Units	Page	Energy labelling scheme
Model	Refrigerant					
MUY-GE10VA 	 			 MSY-GE10VA	14	
MUY-GE13VA 	 			 MSY-GE13VA	14	
MUY-GE15VA 	 			 MSY-GE15VA	14	
MUY-GE18VA 	 			 MSY-GE18VA	14	
MUY-GE24VA 	 			 MSY-GE24VA	14	
Inverter Single Split		Type		Connectable Indoor Units	Page	Energy labelling scheme
Model	Refrigerant					
MUY-FL10VE 	 			 MSY-FL10VE	15	

Mr.Slim Inverter Single Split	Type		Connectable Indoor Units	Page	Energy labelling scheme
	Model	Refrigerant			
SUY-KA18VA 	 		PLY-P18BA 	28	
			PCY-P18KA 	30	
			PEY-P18JA 	29	
SUY-KA24VA 	 		PLY-P24BA 	28	
			PCY-P24KA 	30	
			PEY-P24JA 	29	
SUY-KA30VA 	 		PLY-P30BA 	28	
			PCY-P30KA 	30	
			PEY-P30JA 	29	
SUY-KA36VA 	 		PLY-P36BA 	28	
			PCY-P36KA 	30	
			PEY-P36JA 	29	
PUY-P42VKA 	 		PLY-P42BA 	28	
			PCY-P42KA 	30	
			PEY-P42JA 	29	

CITY MULTI PUMYS series	Type		Connectable Indoor Units	Page
	Model	Refrigerant		
PUMY-P100VHMB 			PKFY-P VBM-E 	
			PKFY-P VHM-E 	
			PKFY-P VKM-E 	
PUMY-P125VHMS 	 		PLFY-P VBM-E 	
			PEFY-P VMA(L)-E 	
			PCFY-P VKM-E 	
PUMY-P140VHMS 				



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.

EASY CLEAN

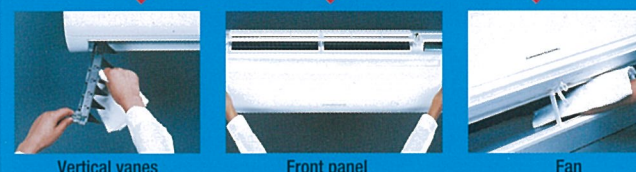
 Safety system stops the machine when the horizontal vane is removed.

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

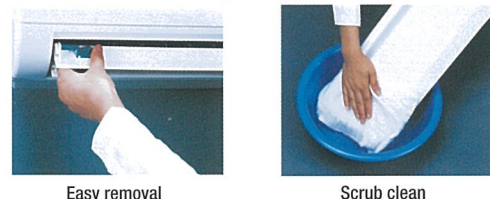


EASY CLEAN's unique cleaning system

Open the blower outlet for cleaning



The entire front panel can be washed



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%!

Mitsubishi Electric's Main Technology

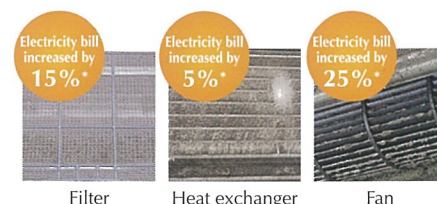
Easy, Clean & Comfortable

EASYCLEAN

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)



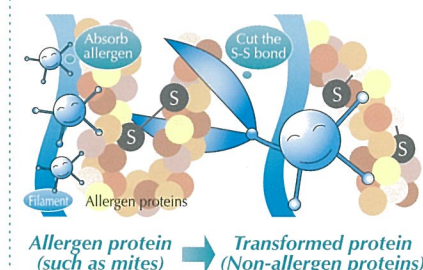
Easy Cleaning Procedure



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

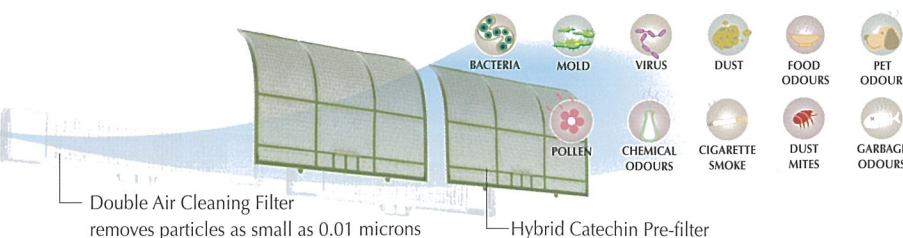
- 1 Artificial enzyme (meta-phthalocyanine) catalysts on the filament catch allergens.
- 2 The artificial enzyme catalysts aid the chemical reaction with oxygen and sever the S-S bonds.
- 3 Once the S-S bonds are severed, the proteins no longer act as allergens.



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.



Nano Platinum Filter

The filter has a large capture area and incorporates nanometre-sized platinum-ceramic particles that work to kill bacteria and deodourise the circulating air. Better dust collection than conventional filters is also ensured.

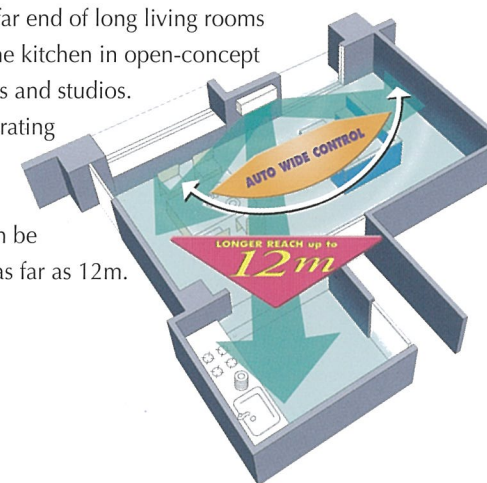
Fuzzy Logic "I Feel"

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.

Powerful Cool

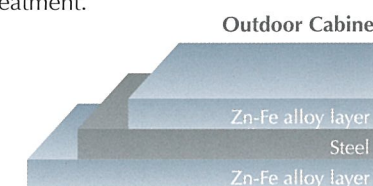
The automatic, one-touch Powerful Cool system ensures faster cooling. It produces 10% more airflow than the "high fan" speed, cooling the room in less than 15 minutes, then automatically returning to the regular setting.

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

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.

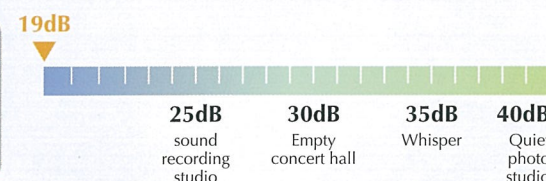


Silent Operation Technology & Multi-System

Only 19dB The Quietest Air Conditioner In The Market

Noise level during silent mode operation is only **19dB** for the MSY-GE10VA, making it 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 downward air resistance for much lower noise levels.

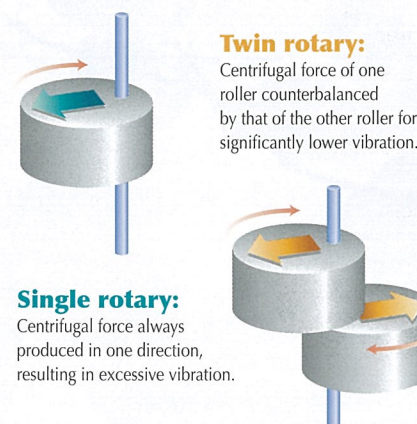
Super Quiet Operation
only **19dB**



Twin Rotary Compressor Ensures Peace And Quiet

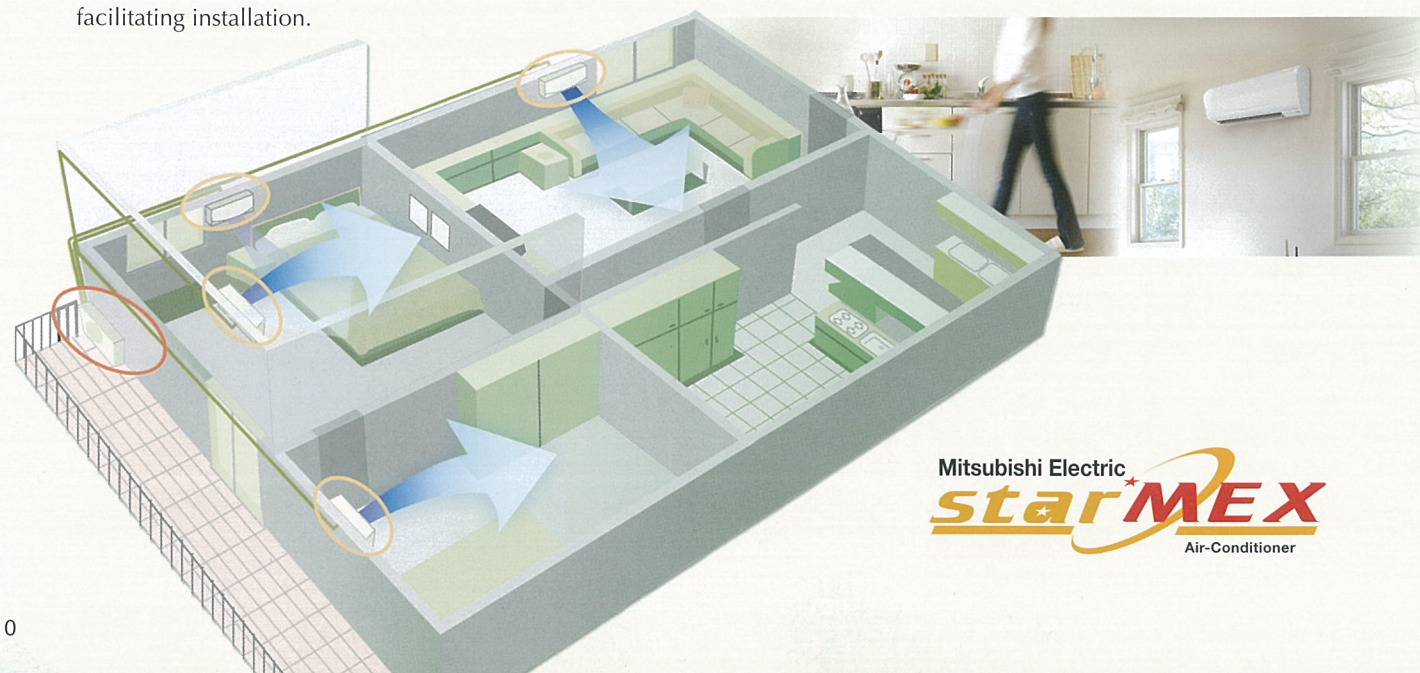
Unlike conventional models with a single rotary, all Inverter Multi Split System MXY Series outdoor units feature a twin-rotary compressor that provides balanced rotation as the centrifugal force of one roller is counterbalanced by the other. This significantly reduces both vibration and noise. This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

Comparison of outdoor unit noise levels dB(A)	Outdoor unit	MXY-4A28VA	MUX-4BD26VB
Cooling		45	52



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.

	Composition	Ozone depletion potential factor*	Toxicity	Stability
SAVE R410A OZONE	NEW REFRIGERANT R410A Non-uniform boiling point composite refrigerant (HFC:R32/R125=50:50WT%)	0	NON	GOOD
	CURRENT REFRIGERANT R22 Single component refrigerant (HCFC:R22=100WT%)	0.05	NON	GOOD

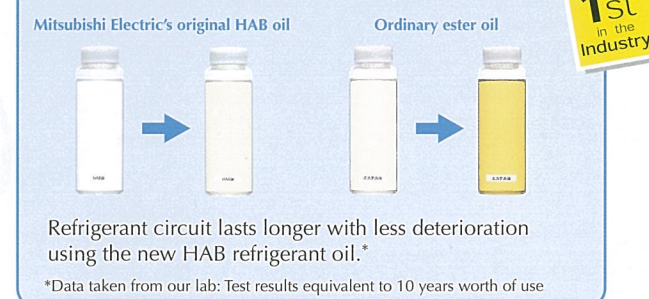
* Relative value when CFC is considered as 1

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.



ORIGINAL HAB Oil	ORDINARY ESTER OIL
- No special cleaning required - Re-use existing pipes - Cleaning / Purging process - Special tools (Oil trap kit) - Higher working pressure	- Formation of Sludge - Clogging - Premature breakdown of equipment - Strip and replace existing R22 pipes



QUESTION: In general, why is the reuse of existing R22 pipeworknot allowed for models with R410A HFC refrigerant?

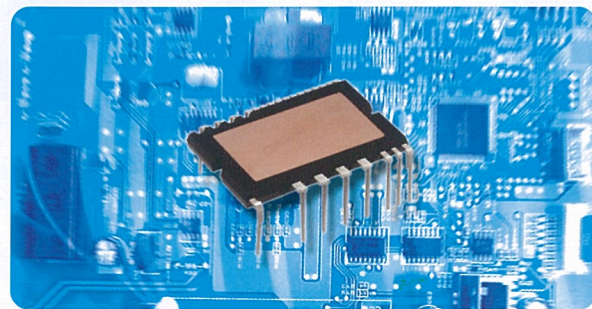
ANSWER: This is because existing R22 pipework contains moisture and chloride residue that, when mixed with compressor's ester oil, can result in a chemical reaction. Additionally, refrigerant oil sludge and corrosion within the compressor can clog up the refrigerant circuit.

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.

Inverter & Energy Saving Technology

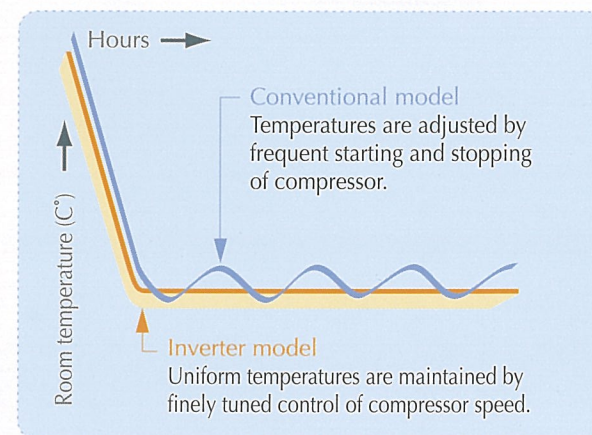
Inverter Control Technology

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.



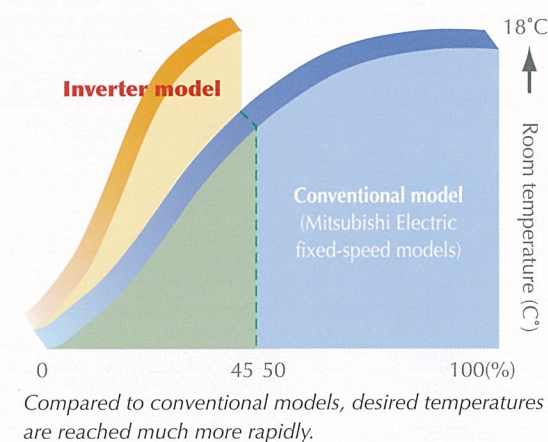
Optimum comfort year-round

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.



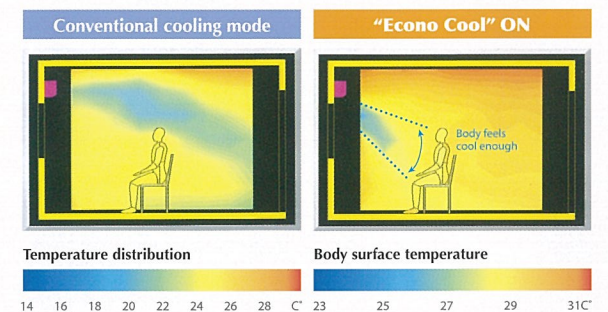
High-speed cooling

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.



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

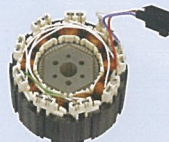
NEW DC Inverter

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.

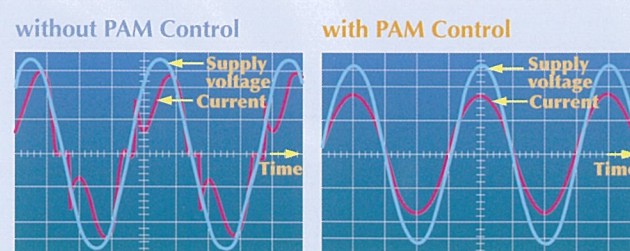
Joint Wrap DC Motor

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.



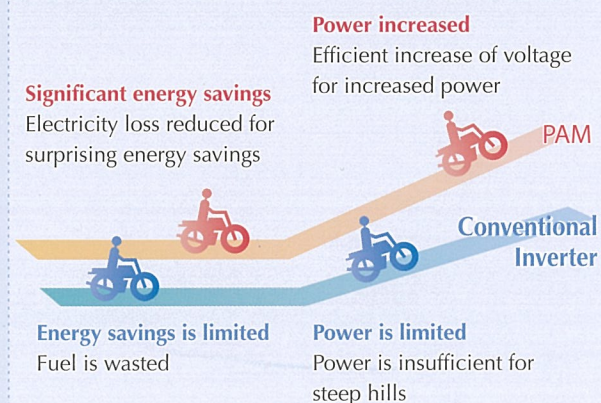
PAM (Pulse Amplitude Modulation)

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.



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.

Using a Motorcycle as an Example

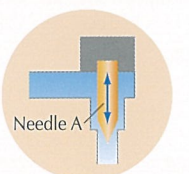


*This diagram illustrates the merits of PAM Control.

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.

NEW LEV 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.



Inverter Single Split System



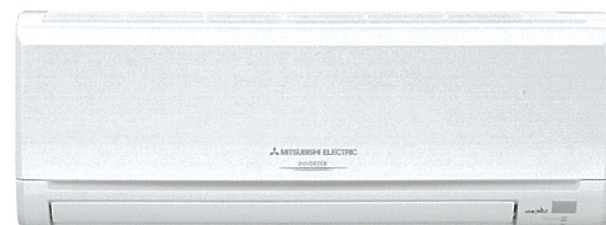
Our Inverter Technology adjusts capacity in response to conditions such as the difference between the outside and inside air temperatures, allowing our air conditioners to run more efficiently and reduce energy costs.



MSY Series

Indoor Unit

Outdoor Unit



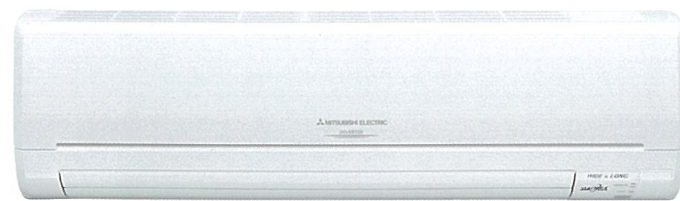
Dimensions (W x D x H) : 798 x 232 x 295 mm

MSY-GE10VA
Cooling capacity: 2.5kW*

MSY-GE15VA
Cooling capacity: 4.2kW*

MSY-GE13VA
Cooling capacity: 3.5kW*

MSY-GE18VA
Cooling capacity: 4.8kW*



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

MSY-GE24VA
Cooling capacity: 6.6kW*



(MSY-GE24VA)



MUY-GE10/13/15VA
Dimensions (W x D x H) :
800 x 285 x 550 mm



MUY-GE18VA
Dimensions (W x D x H) :
840 x 330 x 850 mm



MUY-GE24VA
Dimensions (W x D x H) :
840 x 330 x 880 mm



Inverter Single Split system MSY-GE series

Model				EASY CLEAN, WIDE & LONG											
Indoor				MSY-GE10VA		MSY-GE13VA		MSY-GE15VA		MSY-GE18VA		MSY-GE24VA			
Outdoor				MUY-GE10VA		MUY-GE13VA		MUY-GE15VA		MUY-GE18VA		MUY-GE24VA			
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 power input		kW		0.64		1.02		1.25		1.43		1.83			
Starting current		A		3.30		4.70		5.70		6.40		8.20			
Running current		A		3.30		4.70		5.70		6.40		8.20			
Airflow (High)		CMM(m³/min)		11.4		12.8		14.2		15.1		20.7*			
Dimension		Indoor mm		798 X 232 X 295										1100 X 238 X 325	
(W x D x H)		Outdoor mm		800 X 285 X 550						840 X 330 X 850				840 X 330 X 880	
Net weight		Indoor kg		10		10		10		10		16			
		Outdoor kg		30		30		36		54		53			
*Noise level (Silent - High)		Indoor dB(A)		19-40		19-45		26-48		28-49		30-53†			
Connection method		Indoor/Outdoor		Flared											
Dehumidification		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			
		Max. length m		20		20		20		30		30			
		Max. height m		12		12		12		15		15			
Power supply		V, Phase, Hz		230, 1, 50											
Energy labelling scheme															

*Note: Noise level is measured in anechoic chambers.
*Super high + long + powerful mode

Conversion formula: Btu/h=kW x 3412

Inverter Single Split System



The F Series is designed for optimum cooling/heating performance as well as operational comfort. Quiet, energy-saving operation is supported by some of Mitsubishi Electric's latest technologies. Advanced functions such as "3D i-see Sensor" temperature control and the Plasma Quad air purification system raise room comfort levels to new heights.



MSY Series

Indoor Unit

Outdoor Unit



Dimensions (W x D x H) : 925 x 234 x 305 mm

MSY-FL10VE
Cooling capacity: 2.75kW*



MUY-FL10VE
Dimensions (W x D x H) :
800 x 285 x 550 mm



Inverter Single Split system MSY-FL series

Model				EASY CLEAN, WIDE & LONG	
Indoor				MSY-FL10VE	
Outdoor				MUY-FL10VE	
Function & type				Cooling, Wall-mounted	
Capacity (Min-Max)		kW		2.75 (1.4-3.5)	
Total power input		kW		0.56	
Starting current		A		2.9	
Running current		A		2.9	
Airflow		CMM(m³/min)		11.6	
Dimension (W x D x H)	Indoor	mm		925 x 234 x 305	
	Outdoor	mm		800 x 285 x 550	
Net weight	Indoor	kg		13.5	
	Outdoor	kg		37	
*Noise level (Silent - High)	Indoor	dB(A)		20-42	
Connection method		Indoor/Outdoor		Flared	
Dehumidification		l/h		0.1	
External Piping	Diameter	Gas (ø)	mm	9.52	
		Liquid (ø)	mm	6.35	
	Max. length	m		20	
		Max. height	m		12
Power supply			V, Phase, Hz		230, 1, 50
					

*Note: Noise level is measured in anechoic chambers.
*Super high + long + powerful mode

Conversion formula: Btu/h=kW x 3412

Inverter Multi Split System

SAVE R410A OZONE

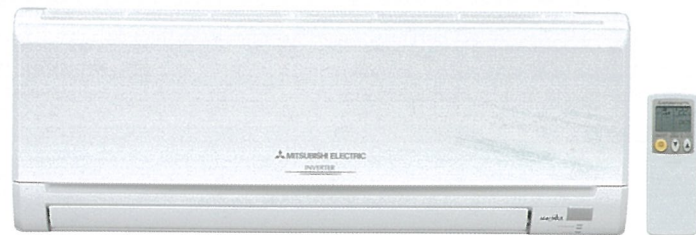
Mitsubishi Electric **starMEX** Air-Conditioner

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. With capacity ranging from 2.5 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.



MXY Series

Indoor Unit



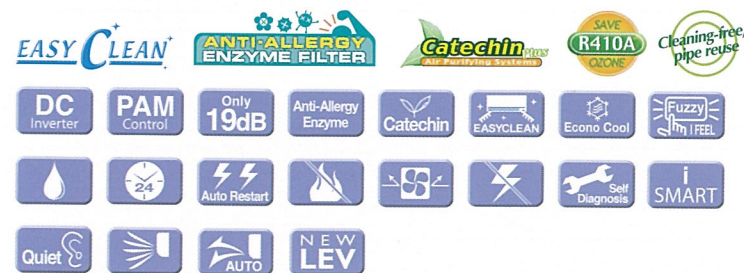
Dimensions (W x D x H): 798 x 232 x 295 mm

Luminous Buttons

MSY-GE10VA
Cooling capacity: 2.5kW*

MSY-GE13VA
Cooling capacity: 3.5kW*

MSY-GE18VA
Cooling capacity: 5.0kW*

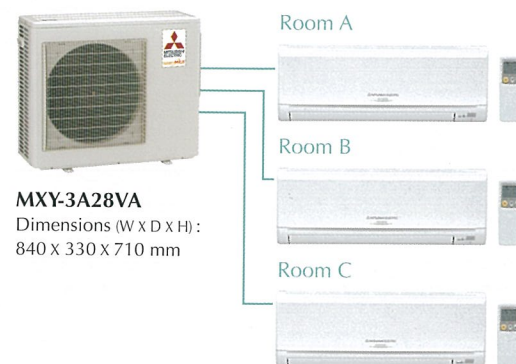


Outdoor Unit

System 3

3 MXY-3A28VA Outdoor unit 1:3 Indoor units
Total capacity of all indoor units must not exceed 14.6kW.

Certain unit combinations are not compatible. Please refer to the configuration pattern charts on the page 15-18 for more details.

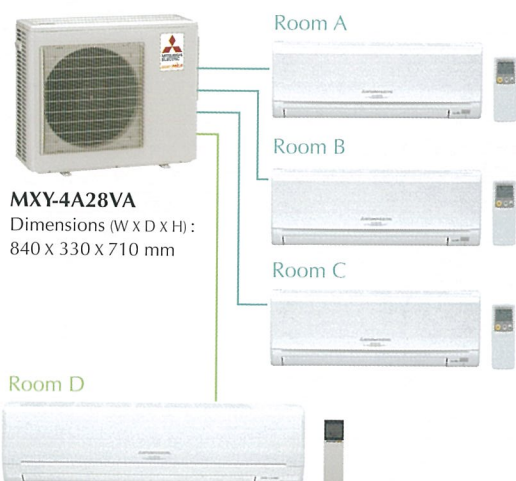


MXS-3A28VA
Dimensions (W x D x H): 840 x 330 x 710 mm

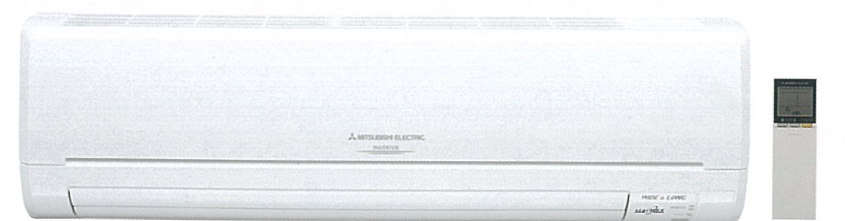
System 4

4 MXY-4A28VA Outdoor unit 1:4 Indoor units
Total capacity of all indoor units must not exceed 15.6kW.

Certain unit combinations are not compatible. Please refer to the configuration pattern charts on the page 15-18 for more details.



MXS-4A28VA
Dimensions (W x D x H): 840 x 330 x 710 mm



Dimensions (W x D x H): 1,100 x 238 x 325 mm

(MSY-GE24/26VA)

MSY-GE24VA
Cooling capacity: 6.0kW*

MSY-GE26VA
Cooling capacity: 7.1kW*



Indoor Unit



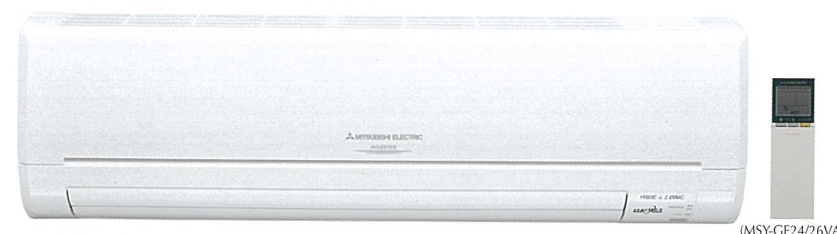
Dimensions (W x D x H): 798 x 232 x 295 mm

Luminous Buttons

MSY-GE10VA
Cooling capacity: 2.5kW*

MSY-GE13VA
Cooling capacity: 3.5kW*

MSY-GE18VA
Cooling capacity: 5.0kW*

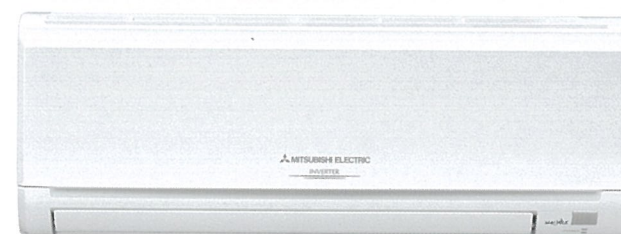


Dimensions (W x D x H): 1,100 x 238 x 325 mm

(MSY-GE24/26VA)

MSY-GE24VA
Cooling capacity: 6.0kW*

MSY-GE26VA
Cooling capacity: 7.1kW*



Dimensions (W x D x H): 798 x 232 x 295 mm

Luminous Buttons

MSY-GE10VA
Cooling capacity: 2.5kW*

MSY-GE13VA
Cooling capacity: 3.5kW*

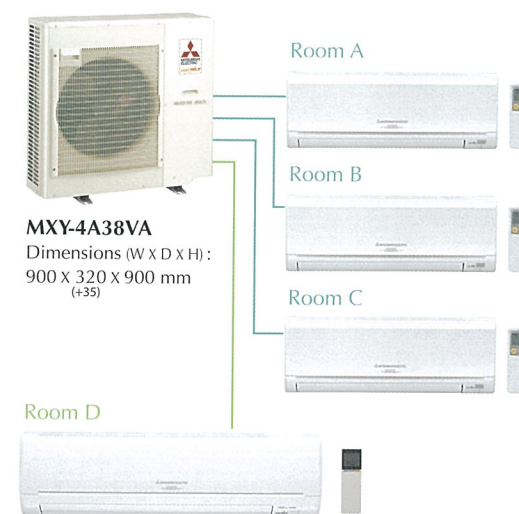


Outdoor Unit

System 4

4 MXY-4A38VA Outdoor unit 1:4 Indoor units
Total capacity of all indoor units must not exceed 16.5kW.

Certain unit combinations are not compatible. Please refer to the configuration pattern charts on the page 15-18 for more details.

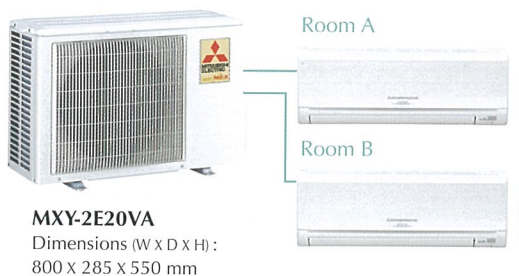


MXS-4A38VA
Dimensions (W x D x H): 900 x 320 x 900 mm (+35)

System 2

2 MXY-2E20VA Outdoor unit 1:2 Indoor units
Total capacity of all indoor units must not exceed 7.0kW.

Certain unit combinations are not compatible. Please refer to the configuration pattern charts on the page 15-18 for more details.



MXS-2E20VA
Dimensions (W x D x H): 800 x 285 x 550 mm



Inverter Multi Split system MXY series

Model		EASY CLEAN, WIDE & LONG			
Outdoor		MXY-3A28VA	MXY-4A28VA	MXY-4A38VA	MXY-2E20VA
Indoor		MSY-GE10VA / MSY-GE13VA / MSY-GE18VA / MSY-GE24VA / MSY-GE26VA			
No. of connectable indoor units (System)		3	4	4	2
Function & type		Cooling, Wall-mounted			
Capacity		kW			
Power input		kW			
Max Running current (Indoor only)		A			
Airflow (High)		CMM(m ³ /min)			
Dimension		mm			
(W x D x H)		mm			
Net weight		kg			
*Noise level (Silent - High)		dB(A)			
Connection method		Indoor/Outdoor			
External piping		mm			
Diameter		Gas (ø)			
Liquid (ø)		mm			
Max. length		m			
Total - Each		m			
Max. height		m			
Power supply		V, Phase, Hz			
Energy labelling scheme		230, 1, 50			

*Note: Noise level is measured in anechoic chambers.
*Super high + long + powerful mode

Specifications

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
Ceiling cassette	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)	-
	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 Cassette	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)	-
Compact ceiling concealed	SEZ-KD35VAL	3.5	0.46	4 steps	11.0	23-33	990 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	990 x 700 x 200	23	6.35 / 12.70	Wireless(S) / Wired(O)	5/15/35/50
	SEZ-KD60VAL	6.0	0.63	4 steps	18.0	30-38	1190 x 700 x 200	27	6.35 / 15.88	Wireless(S) / Wired(O)	5/15/35/50
	SEZ-KD71VAL	7.1	0.84	4 steps	20.0	30-40	1190 x 700 x 200	27	9.52 / 15.88	Wireless(S) / Wired(O)	5/15/35/50
Ceiling concealed	PEAD-RP60JA(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
	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	26-35	1100 x 732 x 250	33	9.52 / 15.88	Wireless(S) / Wired(O)	35/50/70/100/150
Wall mounted	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)	-
	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.
*MXY-2E20VA can be connected to wall mount series only of up to cooling capacity of 3.5kW.

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



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

Outdoor unit	Indoor unit combination		Capacity of each indoor unit (kW)				Total capacity (kW)			Total power input (kW)			Total running current (A)		
	(A + B + C + D)		A	B	C	D	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.
MXY-3A28VA	1 Room	10	2.50	—	—	—	2.50	1.40	3.50	0.59	0.45	0.85	2.59	1.98	3.73
		13	3.50	—	—	—	3.50	1.50	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
		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
	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	8.96	3.65	12.65
	10+18+26		1.28	2.57	3.65	—	7.50	2.90	8.90	2.04	0.83	2.88	8.96	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	9.57	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	3.47	12.65
	MXY-4A28VA	1 Room	10	2.50	—	—	—	2.50	1.40	3.50	0.59	0.45	0.85	2.59	1.98
13			3.50	—	—	—	3.50	1.50	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
2 Rooms		26	7.10	—	—	—	7.10	1.70	7.50	2.55	0.54	2.80	11.20	2.37	12.30
		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
		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	8.96	3.65	12.65	
	10+18+26	1.28	2.57	3.65	—	7.50	2.90	8.90	2.04	0.83	2.88	8.96	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	9.57	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	3.47	12.65	
13+13+24	2.02	2.02	3.46	—	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65		
4 Rooms	13+13+26	1.86	1.86	3.78	—	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65	
	13+18+18	1.94	2.78	2.78	—	7.50	2.90	8.90	2.08	0.82	2.88	9.13	3.60	12.65	
	13+18+24	1.82	2.58	3.10	—	7.50	2.90	8.90	2.04	0.82	2.88	8.96	3.60	12.65	
	10+10+10+10	1.875	1.875	1.875	1.875	7.50	3.70	8.90	2.16	0.92	2.85	9.49	4.04	12.52	
	10+10+10+13	1.70	1.70	1.70	2.40	7.50	3.70	8.90	2.16	0.92	2.85	9.49	4.04	12.52	
	10+10+10+18	1.50	1.50	1.50	3.00	7.50	3.70	8.90	2.08	0.95	2.85	9.13	4.17	12.52	
	10+10+10+24	1.39	1.39	1.39	3.33	7.50	3.70	8.90	2.06	0.96	2.85	9.05	4.22	12.52	
	10+10+10+26	1.28	1.28	1.28	3.66	7.50	3.70	8.90	2.06	0.96	2.85	9.05	4.22	12.52	
	10+10+13+13	1.56	1.56	2.19	2.19	7.50	3.70	8.90	2.16	0.92	2.85	9.49	4.04	12.52	
	10+10+13+18	1.39	1.39	1.94	2.78	7.50	3.70	8.90	2.08	0.95	2.85	9.13	4.17	12.52	
	10+10+13+24	1.29	1.29	1.81	3.11	7.50	3.70	8.90	2.06	0.95	2.85	9.05	4.17	12.52	



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

Outdoor unit	Indoor unit combination		Capacity of each indoor unit (kW)				Total capacity (kW)			Total power input (kW)			Total running current (A)		
			A	B	C	D	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.
MXY-4A38VA	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
		24	6.00	—	—	—	6.00	1.60	6.70	1.72	0.47	1.93	7.55	2.06	8.48
	2 Rooms	26	7.10	—	—	—	7.10	1.60	8.50	2.55	0.47	3.48	11.20	2.06	15.28
		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+26	2.27	6.43	—	—	8.70	2.00	8.80	3.38	0.65	3.48	14.84	2.85	15.28
		13+13	3.50	3.50	—	—	7.00	2.00	8.80	2.22	0.64	3.33	9.75	2.81	14.62
		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	4.77	—	—	8.80	2.10	9.20	3.20	0.69	3.48	14.05	3.03	15.28
		26+26	4.40	4.40	—	—	8.80	2.10	9.20	3.20	0.69	3.48	14.05	3.03	15.28
	3 Rooms	10+10+10	2.50	2.50	2.50	—	7.50	2.90	10.00	1.88	0.78	3.48	8.26	3.43	15.28
		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
		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	2.65	4.55	—	9.10	2.90	10.60	2.51	0.81	3.48	11.02	3.56	15.28
		10+13+26	1.76	2.46	4.98	—	9.20	2.90	10.70	2.59	0.81	3.48	11.37	3.56	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+26	2.28	2.28	4.64	—	9.20	2.90	10.70	2.59	0.81	3.48	11.37	3.56	15.28
		13+18+18	2.38	3.41	3.41	—	9.20	2.90	10.70	2.58	0.81	3.48	11.33	3.56	15.28
		13+18+24	2.22	3.17	3.81	—	9.20	2.90	10.70	2.56	0.81	3.48	11.24	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
	4 Rooms	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
		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	2.68	2.68	9.20	3.70	11.20	2.48	0.93	3.48	10.89	4.08	15.28
		10+10+13+18	1.70	1.70	2.39	3.41	9.20	3.70	11.20	2.45	0.93	3.45	10.76	4.08	15.15
		10+10+13+24	1.59	1.59	2.22	3.80	9.20	3.70	11.20	2.44	0.93	3.44	10.72	4.08	15.11
		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
MXY-2E20VA	1 Room	10	2.50	—	—	—	2.50	0.90	2.60	0.70	0.15	0.71	3.38	0.72	3.43
		13	3.50	—	—	—	3.50	0.90	3.65	0.98	0.15	0.99	4.73	0.72	4.78
	2 Rooms	10+10	2.40	2.40	—	—	4.80	1.10	6.30	1.44	0.30	2.44	6.45	1.34	10.94
		10+13	2.10	2.80	—	—	4.90	1.10	6.40	1.44	0.30	2.44	6.45	1.34	10.94
		13+13	2.50	2.50	—	—	5.00	1.10	6.55	1.44	0.31	2.44	6.45	1.39	10.94



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

Outdoor unit	Indoor unit combination		Capacity of each indoor unit (kW)				Total capacity (kW)			Total power input (kW)			Total running current (A)			
			A	B	C	D	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.	
MXY-3A28VA (8.5A)	1 Room	10	2.50	—	—	—	2.50	1.40	3.50	0.59	0.45	0.85	2.59	1.98	3.73	
		13	3.50	—	—	—	3.50	1.50	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	
		24+24	3.35	3.35	—	—	6.70	2.00	6.70	1.91	0.70	1.91	8.39	3.07	8.39	
		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+18		1.60	2.29	3.31	—	7.20	2.90	7.20	1.90	0.79	1.90	8.34	3.47	8.34	
	10+13+24		1.46	2.09	3.65	—	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34	
	10+13+26		1.34	1.90	3.96	—	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34	
	10+18+18		1.40	2.90	2.90	—	7.20	2.90	7.20	1.90	0.82	1.90	8.34	3.60	8.34	
	10+18+24		1.29	2.68	3.23	—	7.20	2.90	7.20	1.90	0.83	1.90	8.34	3.65	8.34	
	10+18+26		1.18	2.47	3.55	—	7.20	2.90	7.20	1.90	0.83	1.90	8.34	3.65	8.34	
	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		
	MXY-4A28VA (8.5A)	1 Room	10	2.50	—	—	—	2.50	1.40	3.50	0.59	0.45	0.85	2.59	1.98	3.73
			13	3.50	—	—	—	3.50	1.50	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	
		24+24	3.35	3.35	—	—	6.70	2.00	6.70	1.91	0.70	1.91	8.39	3.07	8.39	
		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+18			1.60	2.29	3.31	—	7.20	2.90	7.20	1.90	0.79	1.90	8.34	3.47	8.34	
10+13+24			1.46	2.09	3.65	—	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34	
10+13+26			1.34	1.90	3.96	—	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34	
10+18+18			1.40	2.90	2.90	—	7.20	2.90	7.20	1.90	0.82	1.90	8.34	3.60	8.34	
10+18+24			1.29	2.68	3.23	—	7.20	2.90	7.20	1.90	0.83	1.90	8.34	3.65	8.34	
10+18+26			1.18	2.47	3.55	—	7.20	2.90	7.20	1.90	0.83	1.90	8.34	3.65	8.34	
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		
4 Rooms		10+10+10+10	1.80	1.80	1.80	1.80	7.20	3.70	7.20	1.89	0.92	1.89	8.30	4.04	8.30	
		10+10+10+13	1.80	1.80	1.80	1.80	7.20	3.70	7.20	1.89	0.92	1.89	8.30	4.04	8.30	
		10+10+10+18	1.50	1.50	1.50	2.70	7.20	3.70	7.20	1.89	0.95	1.89	8.30	4.17	8.30	
	10+10+10+24	1.39	1.39	1.39	3.03	7.20	3.70	7.20	1.89	0.96	1.89	8.30	4.22	8.30		
	10+10+10+26	1.28	1.28	1.28	3.36	7.20	3.70	7.20	1.89	0.96	1.89	8.30	4.22	8.30		
	10+10+13+13	1.80	1.80	1.80	1.80	7.20	3.70	7.20	1.89	0.92	1.89	8.30	4.04	8.30		
	10+10+13+18	1.50	1.50	1.50	2.70	7.20	3.70	7.20	1.89	0.95	1.89	8.30	4.17	8.30		
	10+10+13+24	1.39	1.39	1.39	3.03	7.20	3.70	7.20	1.89	0.95	1.89	8.30	4.17	8.30		
	10+10+13+26	1.28	1.28	1.28	3.36	7.20	3.70	7.20	1.89	0.95	1.89	8.30	4.17	8.30		
	10+13+13+13	1.80	1.80	1.80	1.80	7.20	3.70	7.20	1.89	0.92	1.89	8.30	4.04	8.30		
	10+13+13+18	1.50	1.50	1.50	2.70	7.20	3.70	7.20	1.89	0.95	1.89	8.30	4.17	8.30		
	10+13+13+24	1.80	1.80	1.80	1.80	7.20	3.70	7.20	1.89	0.95	1.89	8.30	4.17	8.30		
	10+13+13+26	1.80	1.80	1.80	1.80	7.20	3.70	7.20	1.89	0.95	1.89	8.30	4.17	8.30		
	10+13+18+18	1.80	1.80	1.80	1.80	7.20	3.70	7.20	1.89	0.95	1.89	8.30	4.17	8.30		
	10+13+18+24	1.80	1.80	1.80	1.80	7.20	3.70	7.20	1.89	0.95	1.89	8.30	4.17	8.30		



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

Outdoor unit	Indoor unit combination		Capacity of each indoor unit (kW)				Total capacity (kW)			Total power input (kW)			Total running current (A)				
	(A + B + C + D)		A	B	C	D	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.		
MXY-4A38VA (8.5A)	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	
		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+13	2.50	3.50	-	-	-	6.00	2.00	6.60	1.61	0.64	1.89	7.07	2.81	8.30	
		10+18	2.20	4.40	-	-	-	6.60	2.00	6.60	1.93	0.64	1.93	8.48	2.81	8.48	
		10+24	1.94	4.66	-	-	-	6.60	2.00	6.60	1.93	0.65	1.93	8.48	2.85	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	3.05	3.65	-	-	-	6.70	2.10	6.70	1.93	0.69	1.93	8.48	3.03	8.48	
		18+26	2.80	3.90	-	-	-	6.70	2.10	6.70	1.93	0.69	1.93	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	4.26	-	-	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
			10+10+26	1.61	1.61	4.58	-	-	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
	10+13+13		2.00	2.80	2.80	-	-	7.60	2.90	7.60	1.93	0.78	1.93	8.48	3.43	8.48	
	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	
	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+26		1.34	2.67	3.79	-	-	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43	
	10+24+24		1.34	3.23	3.23	-	-	7.80	2.90	7.80	1.91	0.81	1.91	8.39	3.56	8.39	
	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		1.76	3.02	3.02	-	-	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43	
	18+18+18	2.60	2.60	2.60	-	-	7.80	2.90	7.80	1.91	0.83	1.91	8.39	3.65	8.39		
	4 Rooms	10+10+10+10	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	
		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+26	1.28	1.28	1.80	3.64	-	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48	
		10+10+18+18	1.33	1.33	2.67	2.67	-	8.00	3.70	8.00	1.93	0.95	1.93	8.48	4.17	8.48	
		10+13+13+13	1.55	2.15	2.15	2.15	-	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		
MXY-2E20VA (8.5A)	1 Room	10	2.50	-	-	-	2.50	0.90	2.60	0.70	0.15	0.71	3.38	0.72	3.43		
		13	3.50	-	-	-	3.50	0.90	3.65	0.98	0.15	0.99	4.73	0.72	4.78		
	2 Rooms	10+10	2.40	2.40	-	-	4.80	1.10	5.80	1.44	0.30	1.90	6.45	1.34	8.43		
		10+13	2.10	2.80	-	-	4.90	1.10	5.90	1.44	0.30	1.90	6.45	1.34	8.43		
		13+13	2.50	2.50	-	-	5.00	1.10	6.00	1.44	0.31	1.90	6.45	1.39	8.43		

EF Series

Developed to complement modern interior room décor, StarMEX ZEN air conditioners are available in three colours specially chosen to blend in naturally wherever installed.



MSY-EF10/13/18VAW White



MSY-EF10/13/18VAS Silver



MSY-EF10/13/18VAB Black

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



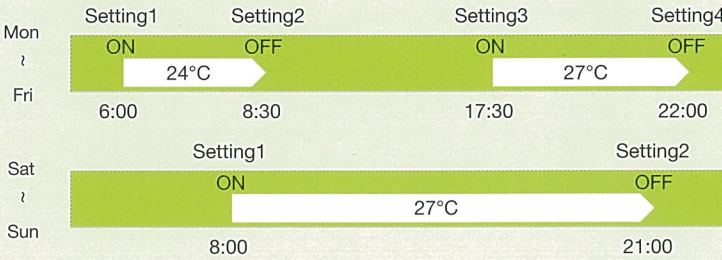
The remote controller is equipped with buttons that are used exclusively for setting the Weekly Timer. Setting operation patterns is easy and quick.



Settings

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

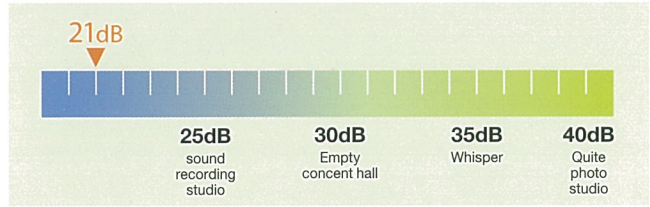
E.g. : Runs at 24°C from waking up to leaving home, and runs at 27°C from getting home to going to bed on weekdays.
Runs at 27°C from waking up late to going bed early on weekends.



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.

Noise Level



Nano Platinum Filter

This filter incorporates nanometre-sized platinum-ceramic particles that generate stable antibacterial and deodourising 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.

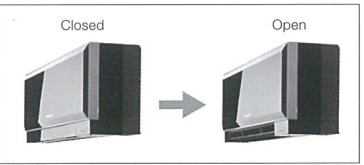


* It is okay to wash the filter with water (air-cleaning effect is maintained)

3D surface (Waved surface)

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.



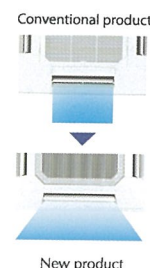
PLA Series

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 mode 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.

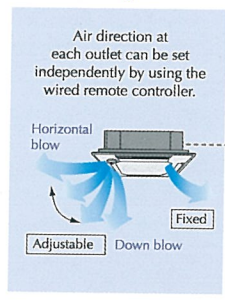
- Default
- The ceiling may be smudged at a spot where the supplied airflow is seriously disturbed.



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 4-way Ceiling Cassette can change the setting by using the wired remote controller.

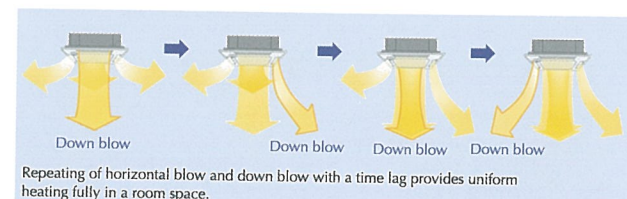


Remote Control setting

The New Swing Function Warms All Corners of the Room

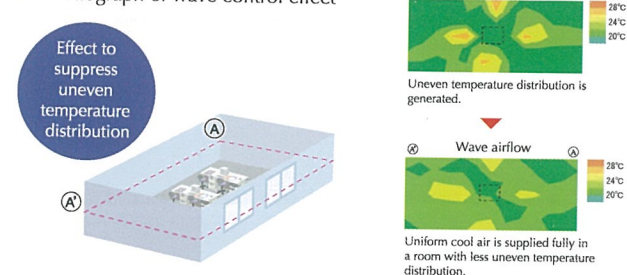
The wave airflow system has 4 vanes where each vane runs independently. Repeating of horizontal and down blows with a time lag allows the conditioned warm air to be distributed even to room corners thus preventing uneven room temperature distribution.

- Operation image of "Wave Airflow"



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

- Thermograph of wave control effect



• 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.



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.



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.



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

Auto Vane Control

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

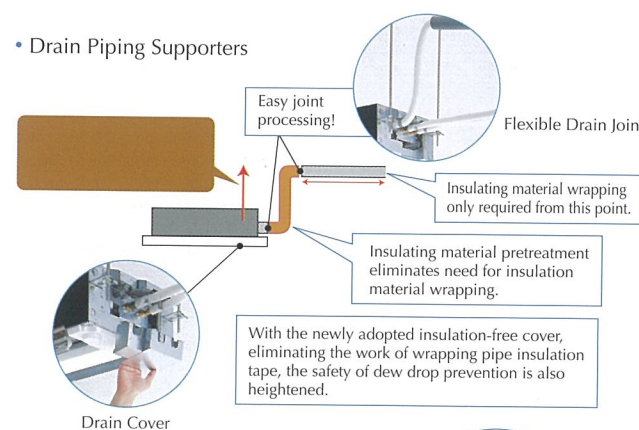
Left and Right



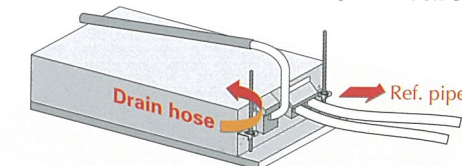
Easy Installation

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.

- Drain Piping Supporters



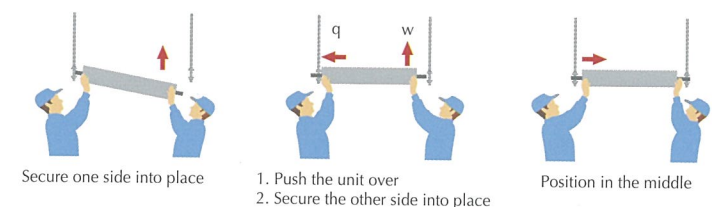
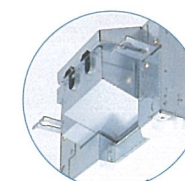
[Installation example]



The flexible drain joint helps the drain piping works when working in narrow ceiling areas.

- Easy Mounting Plate

The well-designed mounting plate makes the suspension work easier.



PEAD Series

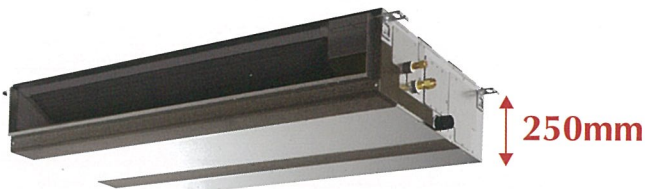
The thin, ceiling-concealed indoor units of this series are the perfect answer for the air conditioning needs of buildings with minimum ceiling installation space and wide-ranging external static pressure. Energy-saving efficiency has been improved, reducing electricity consumption and contributing to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



PEAD-RP JA (L)

Reduction of
75mm
(models 100–140)
compared to PEAD-EA

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 JA → Drain pump built-in



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

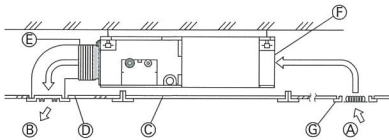
Compact type fits neatly into lowered ceiling, achieving stringent economy in all aspects of air conditioning



SEZ-KD35/50/71VAL

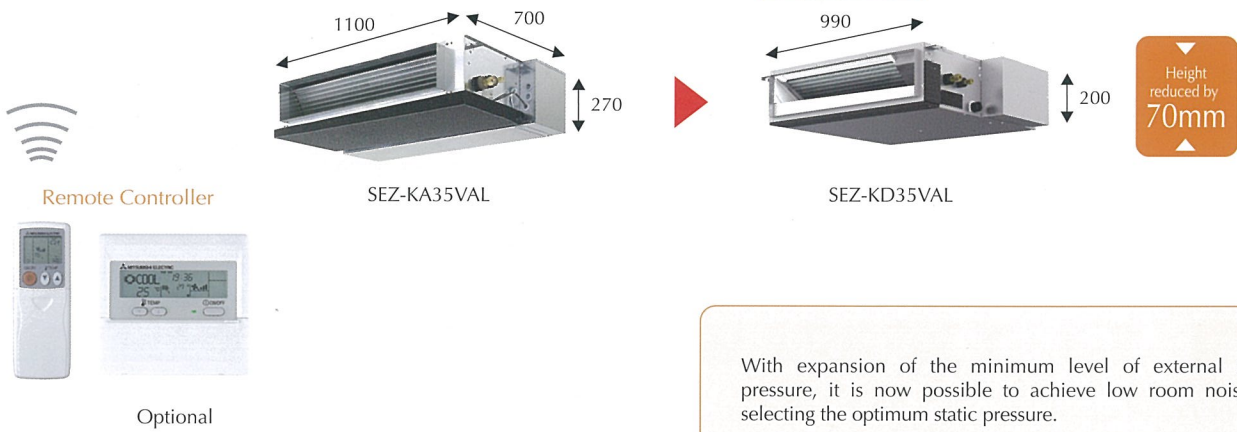
Compact Ceiling Concealed Style

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.



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

[Dimension Comparison]



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

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.

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

Mr.SLIM Inverter Single Split System



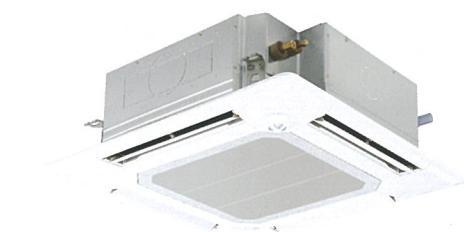
Our Inverter Technology adjusts capacity in response to conditions such as the difference between the outside and inside air temperatures, allowing our air conditioners to run more efficiently and reduce energy costs.



PLY Series

Indoor Unit

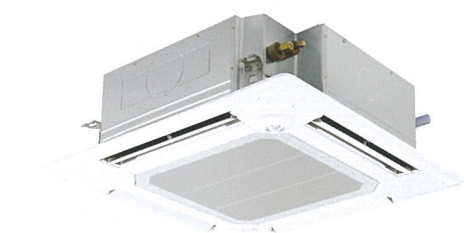
Outdoor Unit



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

PLY-P18BA
Cooling capacity: 5.3kW

PLY-P24BA
Cooling capacity: 7.1kW



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

PLY-P30BA
Cooling capacity: 8.8kW

PLY-P36BA
Cooling capacity: 10.6kW

PLY-P42BA
Cooling Capacity: 12.3KW



optional



optional



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 Cassette Type PLY Series

Model							
Indoor			PLY-P18BA	PLY-P24BA	PLY-P30BA	PLY-P36BA	PLY-P42BA
Outdoor			SUY-KA18VA	SUY-KA24VA	SUY-KA30VA	SUY-KA36VA	PUY-P42VKA
Function & type			Cooling, Ceiling Cassette				
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	1.47	2.02	2.36	3.13	3.68
Starting current		A	6.17	8.44	9.44	12.51	28.5
Running current		A	6.17	8.44	9.44	12.51	28.5
Airflow (High)		CMM(m³/min)	12-13-14-16	14-16-18-20	20-22-25-28	24-26-29-32	
Dimension	Indoor	mm	840 X 840 X 258		840 X 840 X 298		
	Outdoor	mm	800 X 285 X 550		840 X 330 X 880		1050 X 330 X 1338
Net weight	Indoor	kg	19	22	24	26	
	Outdoor	kg	33	47	50	51	94
*Noise level (Low-High)		Indoor dB(A)	28-29-30-32	28-30-32-34	33-35-38-41	37-39-41-44	
Connection method		Indoor/Outdoor	Flared				
External Piping	Diameter	Gas (ø)	mm	12.70	15.88		
		Liquid (ø)	mm	6.35	9.52		
	Max. length		m	20	30		
		Max. height		m	12	15	
Power supply		V, Phase, Hz	230V, Single Phase, 50Hz				
Energy labelling scheme							

*Note: Noise level is measured in anechoic chambers.

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

Outdoor Unit



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

PEY-P18JA
Cooling capacity: 5.3kW



optional optional



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

PEY-P30JA
Cooling capacity: 8.8kW

PEY-P36JA
Cooling capacity: 10.6kW

PEY-P42JA
Cooling Capacity: 12.3KW



optional optional



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-Concealed Type PEY Series

Model																	
Indoor				PEY-P18JA		PEY-P24JA		PEY-P30JA		PEY-P36JA		PEY-P42JA					
Outdoor				SUY-KA18VA		SUY-KA24VA		SUY-KA30VA		SUY-KA36VA		PUY-P42VKA					
Function & type				Cooling, Ceiling Concealed													
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		1.57		2.02		2.5		3.33		3.84					
Starting current		A		6.17		8.44		9.44		12.51		28.5					
Running current		A		6.17		8.44		9.44		12.51		28.5					
Airflow (High)			CMM(m³/min)			12-14.5-17			17.5-21-25			24-29-34			29.5-35.5-42		
Dimension (W x D x H)		Indoor mm		900 X 732 X 250			1100 X 732 X 250			1400 X 732 X 250							
		Outdoor mm		800 X 285 X 550						840 X 330 X 880			1050 X 330 X 1338				
Net weight		Indoor kg		27			29			38			39				
		Outdoor kg		33			47			50			51			94	
*Noise level (Low-High)		Indoor dB(A)		30-35-39			30-34-39			33-38-42			36-40-44				
Connection method				Indoor/Outdoor													
External Piping				Diameter		Gas (ø) mm		12.70			15.88						
						Liquid (ø) mm		6.35			9.52						
				Max. length		m		20			30			50			
				Max. height		m		12			15			30			
				Power supply		V, Phase, Hz		230V, Single Phase, 50Hz									

*Note: Noise level is measured in anechoic chambers.

Conversion formula: Btu/h=kW x 3412

Mr. SLIM Inverter Single Split System

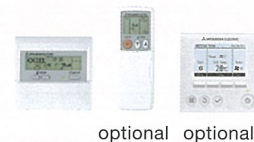
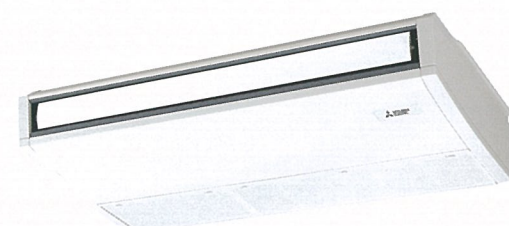


Our Inverter Technology adjusts capacity in response to conditions such as the difference between the outside and inside air temperatures, allowing our air conditioners to run more efficiently and reduce energy costs.

PCY Series

Indoor Unit

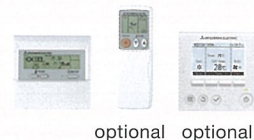
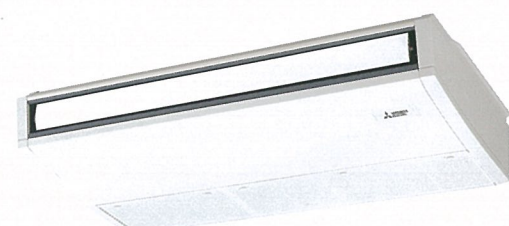
Outdoor Unit



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



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)
Total power input		kW	1.51	2.1	2.6	3.13	3.68
Starting current		A	6.17	8.44	9.44	12.51	28.5
Running current		A	6.17	8.44	9.44	12.51	28.5
Airflow (High)		CMM(m³/min)	16-17-18-20	16-18-20-22	24-26-28-30	27-29-32-34	
Dimension (W × D × 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	
*Noise level (Low-High)	Indoor	dB(A)	34-36-38-40	34-36-40-42	39-41-43-45	42-44-46-48	
Connection method		Indoor/Outdoor	Flared				
External Piping	Diameter	Gas (ø)	mm	12.70	15.88		
		Liquid (ø)	mm	6.35	9.52		
	Max. length	m	20	30			50
		m	12	15			30
Power supply		V, Phase, Hz	230V, Single Phase, 50Hz				
Energy labelling scheme							

*Note: Noise level is measured in anechoic chambers.

Conversion formula: Btu/h=kW x 3412

PUMY



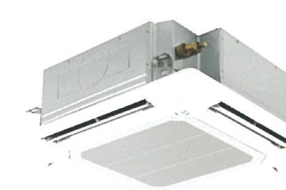
CITY MULTI S series

Indoor Unit

Outdoor Unit



PKFY-P VBM-E/VHM-E/VKM-E



PLFY-P VBM-E



PEFY-P VMA(L)-E



PCFY-P VKM-E



PUMY-P100VHMB
PUMY-P125VHMS
PUMY-P140VHMS

Dimensions (W x D x H)
950 X 330 X 1350 mm



City Multi S Series

Model- Outdoor Unit				PUMY-P100VHMB	PUMY-P125VHMS	PUMY-P140VHMS	
Capacity				kW	11.2	14	15.5
Total Power Input				kW	3.34	3.77	4.26
Running Current				A	15.4	17.3	19.5
Dimension (W x D x H)				mm	950 X 330 X 1350		
Net Weight				kg	129	136	136
*Noise Level				dB(A)	49	50	51
External piping	Diameter	Gas	mm	15.88			
		Liquid	mm	9.52			
	Total Length		m	120			
	Max. Height Difference		m	50			
Power Supply				V, Phase, Hz	230V, Single Phase, 50Hz		
Energy Labelling Scheme				11711 8336mm 12069 7842mm 12301 8521mm			

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

Fresh Air

- 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 Plus Pre-Filter**
- 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 Filter** The filter has a large capture area and incorporates nanometre-sized platinum-ceramic particles that work to kill bacteria and deodorise the circulating air. Better dust collection than conventional filters is also ensured.
- 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.

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 Control** Press the same button twice in repetition to immediately return to the previous temperature setting
- 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 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.

		Mr.SLIM		CITY MULTI	
		Indoor	Outdoor	Indoor	Outdoor
Cooling	Lower limit	21°C DB / 15°C WB	-10°C DB	21°C DB / 15°C WB	18°C DB
	Upper limit	32°C DB / 23°C WB	46°C DB	32°C DB / 23°C WB	46°C DB
		MSY-GE10/13/15/18/24/26VA MSY-EF10/13/18VA MSY-FL10VE SEZ-KD35/50/60/71VAL	MXV-3A28/4A28VA MXV-4A38VA MXV-2E30VA MUY-GE10/13/15/18/24VA MUY-FL10VE	PLY-P18/24/30/36/42BA PCY-P18/24/30/36/42KA PFY-P18/24/30/36/42JA	SUY-KA18/24/30/36VA PUY-P42VKA
					PUMY-P100VHMB PUMY-P125VHMS PUMY-P140VHMS

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 fan coil units are not recommended for hair saloon environment. Please contact our Dealers for recommendations of appropriate models.
- Guaranteed operating range:

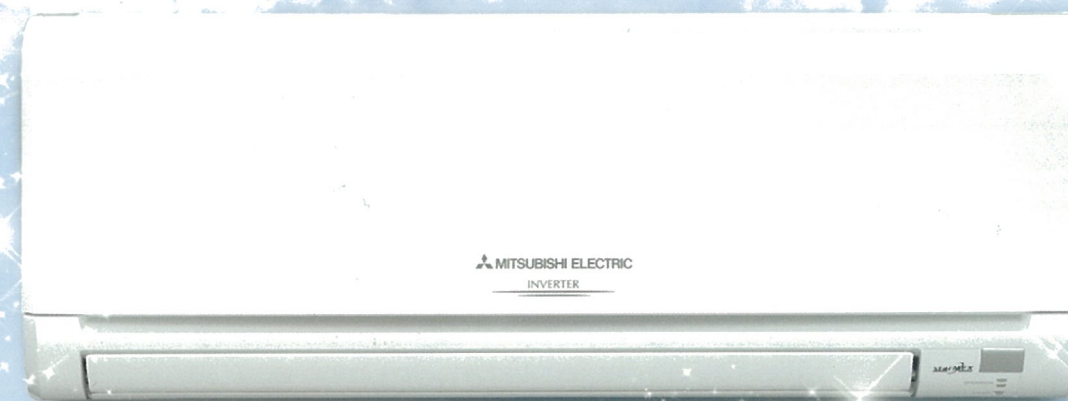
MITSUBISHI ELECTRIC
Changes for the Better

Mitsubishi
MElectric
EQuality



Reader's Digest SuperBrand & TrustedBrand (Asia or Singapore)
2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012 & 2013

Mitsubishi Electric
starMEX
Air-Conditioner



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

At the leading-edge of air conditioning technology

ENERGY Savings

EASIEST To Clean!
Reachable Inner Vent
for Easy Clean

QUIETEST 19dB

SAVE
R410A
OZONE
Inverter Series
Mr.SLIM
R410A

Manufacturer of the
World's First
Wall-Mounted
Split Air Conditioner*
*applying line flow fan

Mitsubishi Electric StarMEX Inverter Air Conditioners have attained "Excellent" energy efficiency rating under the Singapore Mandatory Energy Labelling Scheme.

Source: National Climate Change Committee website - <http://www.nccc.gov.sg>