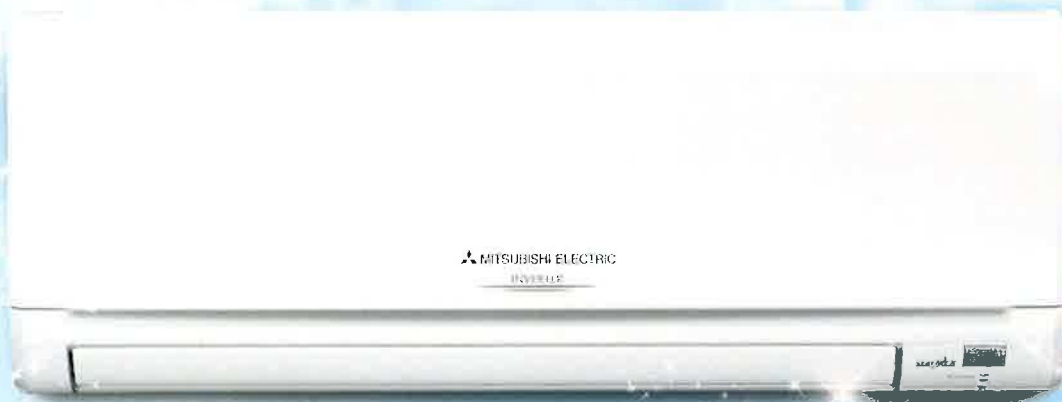


Mitsubishi Electric
starMEX
Air-Conditioner



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

At the leading-edge of air conditioning technology

EXCELLENT
Energy
Savings



EASIEST
To Clean!
Reachable Inner Vent
for Easy Clean

QUIETEST
19dB



















































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

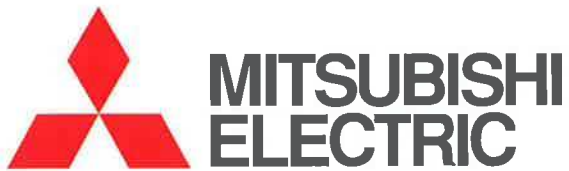
All Mitsubishi Electric StarMEX Inverter Air Conditioners have attained "Excellent" energy efficiency rating under the Singapore Mandatory Energy Labelling Scheme.

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  MSY-GE24/26VA	12	 Excellent
MXY-4A28VA up to 4 indoor units					12	 Excellent
MXY-4A38VA up to 4 indoor units					12	 Excellent
MXY-2E20VA up to 2 indoor units <small>*MXY-2E20VA can be connected to wall mount series only of up to cooling capacity of 3.5kW.</small>				 MSY-GE10/13VA	12	 Excellent

Inverter Multi Split		Type		Connectable Indoor Units	Page	Energy labelling scheme
Model	Refrigerant					
MXY-3A28VA up to 3 indoor units				 PLA-RP35/50/60/71BA  MLZ-KA35/50VA	21	 Excellent
MXY-4A38VA up to 4 indoor units					22	 Excellent

Inverter Multi Split		Type		Connectable Indoor Units	Page	Energy labelling scheme
Model	Refrigerant					
MXY-3A28VA up to 3 indoor units				 SEZ-KD35/50/60/71VAL  SEZ-KD35/50/60/71VAL  PEAD-RP50/60/71JA(L) <small>*PEAD-RP71JA(L) can be connected to MXY-4A38VA only. Total Indoor Running current must not exceed 3Amps when connecting to PEAD series.</small>	24	 Excellent
MXY-4A38VA up to 4 indoor units					23	 Excellent

Inverter Multi Split	Type		Connectable Indoor Units	Page	Energy labelling scheme
	Model	Refrigerant			
MXY-3A28VA up to 3 indoor units 			 MSY-EF10/13/18VAW	19	 Excellent
MXY-4A28VA up to 4 indoor units 			 MSY-EF10/13/18VAS	19	 Excellent
MXY-4A38VA up to 4 indoor units 			 MSY-EF10/13/18VAB	19	 Excellent
MXY-2E20VA up to 2 indoor units <small>*MXY-2E20VA can be connected to wall mount series only of up to cooling capacity of 3.5kW.</small> 			 MSY-EF10/13VAW Silver & Black also available	19	 Excellent
Inverter Single Split	Type		Connectable Indoor Units	Page	Energy labelling scheme
	Model	Refrigerant			
MUY-GE10VA 			 MSY-GE10VA	11	 Excellent
MUY-GE13VA 			 MSY-GE13VA	11	 Excellent
MUY-GE15VA 			 MSY-GE15VA	11	 Excellent
MUY-GE18VA 			 MSY-GE18VA	11	 Excellent
MUY-GE24VA 			 MSY-GE24VA	11	 Excellent



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 nonflammability, this refrigerant exemplifies the quality that our air conditioners have to offer.

Cleaning-Free, Pipe Reuse Technology

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

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

R410A is also highly efficient and provides the same level of performance as R22.



NEW REFRIGERANT
R410A

CURRENT REFRIGERANT
R22

Composition	Ozone depletion potential factor*	Toxicity	Stability
Non-uniform boiling point composite refrigerant (HFC:R32/R125=58:50WT%)	0	NON	GOOD
Single component refrigerant (HCFC:R22=100WT%)	0.05	NON	GOOD

* Relative value when CFC is considered as 1

Mitsubishi Electric's Cleaning-Free Technology

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



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

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

ORIGINAL HAB OIL	ORDINARY ESTER OIL
<ul style="list-style-type: none"> No special cleaning required Re-use existing pipes Cleaning / Purging process Special tools (Oil trap kit) Higher working pressure 	<ul style="list-style-type: none"> Formation of Sludge Clogging Premature breakdown of equipment Strip and replace existing R22 pipes

Mitsubishi Electric's original HAB oil

Ordinary ester oil



1st
in the
Industry!

Refrigerant circuit lasts longer with less deterioration using the new HAB refrigerant oil.*

*Data taken from our lab: Test results equivalent to 10 years worth of use

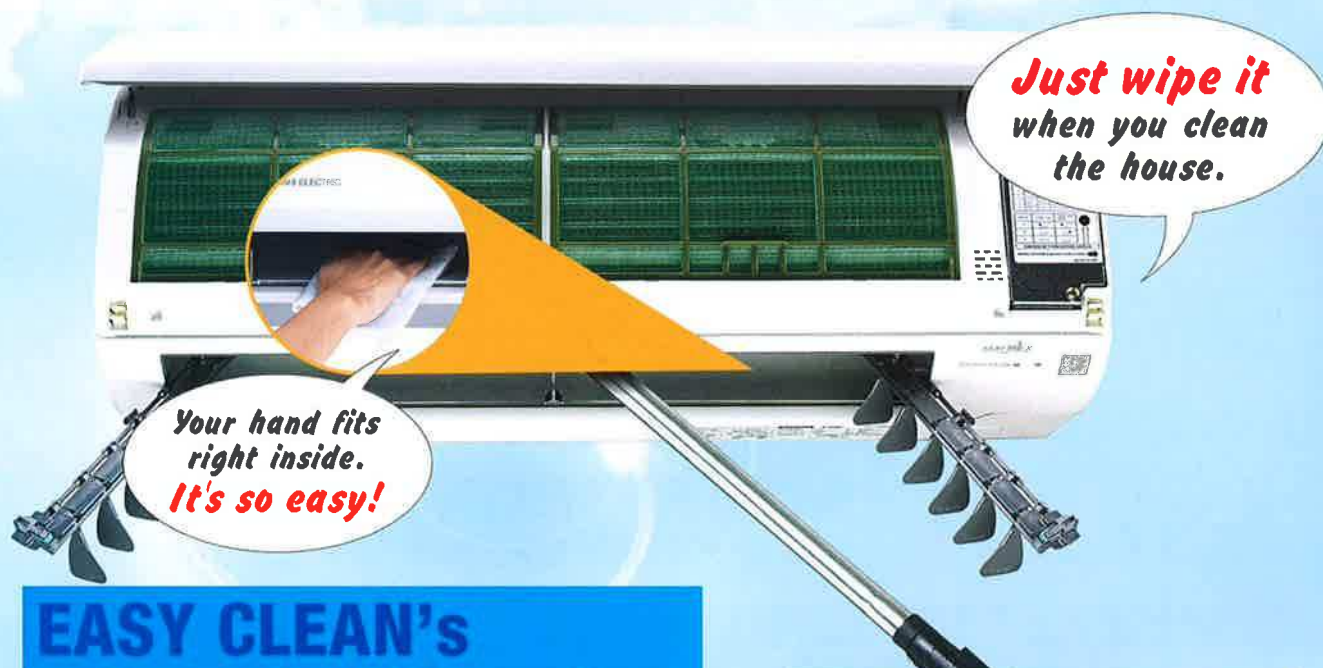
MITSUBISHI ELECTRIC'S SOLUTION:
FLUSH, VACUUM & INSTALL!

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

EASY CLEAN


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

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



EASY CLEAN's unique cleaning system

Open the blower outlet for cleaning



Vertical vanes



Front panel



Fan

The entire front panel can be washed



Easy removal



Scrub clean

Thorough cleaning keeps
your home healthier and
more comfortable.

Eliminates odours

Always bringing you fresh air

Prevents mould

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

Longer lasting high performance

Consistent performance from time of purchase

Economical energy costs

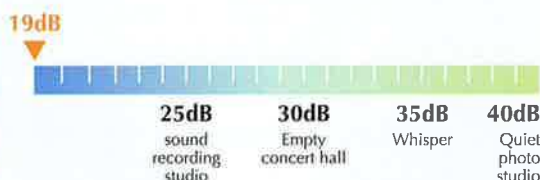
Cleaning the fan (25%), the heat exchanger (5%)
and the filter (15%) increases
energy savings by a total of up to 45%!

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.

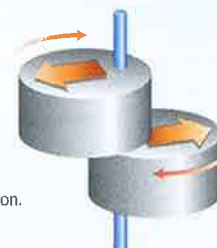
Comparison of outdoor unit noise levels dB(A)

Outdoor unit	MXY-4A28VA	MUX-4B26VB
Cooling	45	52



Twin rotary:

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



Single rotary:

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

Multi-Split System The Convenient Way To Enhance Any Interior

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



Mitsubishi Electric
Star MEX
Air-Conditioner

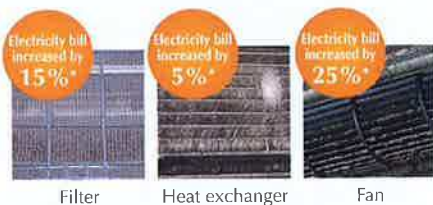
Easy, Clean & Comfortable



Easy Clean Design

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

*Electricity bill comparison of operation under fixed temperature with 8 grams of soil on the fan and one without. Based on internal company data.



Electrostatic Anti-Allergy Enzyme Filter

The filter is charged with static electricity, enable it to trap allergens such as molds and bacteria and decompose them using enzymes retained in the filter.



Anti-Allergy Enzyme Filter

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

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

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



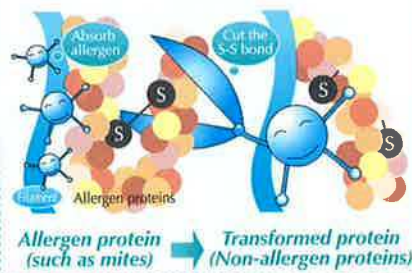
Easy Cleaning Procedure



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

Anti-Allergy Enzyme filter mechanism

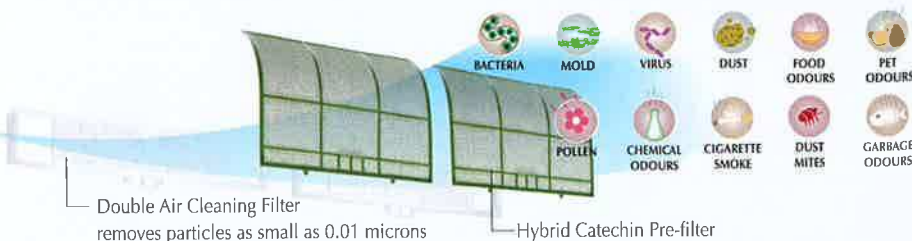
- 1 Artificial enzyme (meta-phthalocyanine) catalysts on the filament catch allergens.
- 2 The artificial enzyme catalysts aid the chemical reaction with oxygen and sever the S-S bonds.
- 3 Once the S-S bonds are severed, the proteins no longer act as allergens.



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 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 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 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.

COOL 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 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

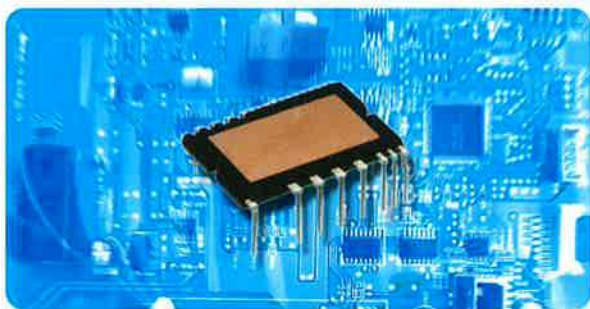
The remote controller features luminous buttons that make use easy even in the dark environment.



Inverter & Energy Saving Technology

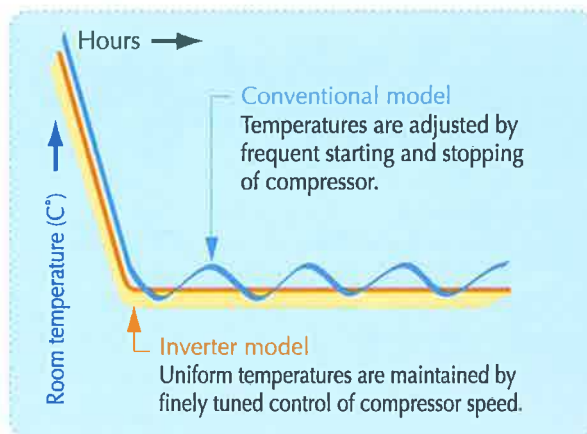
Inverter Control Technology

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

DC Inverter

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



Joint Wrap DC Motor

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



PAM
Control

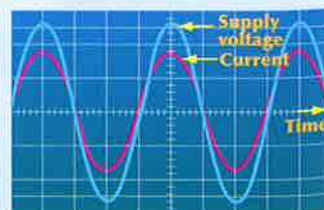
PAM (Pulse Amplitude Modulation)

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



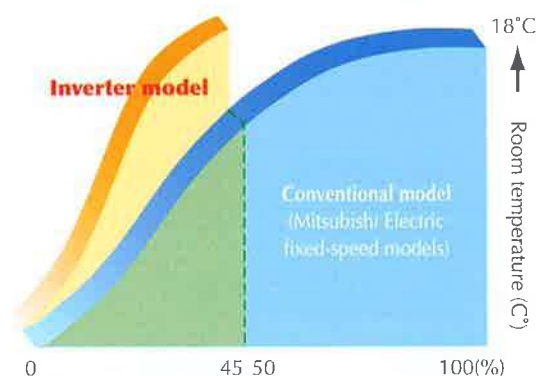
with PAM Control



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

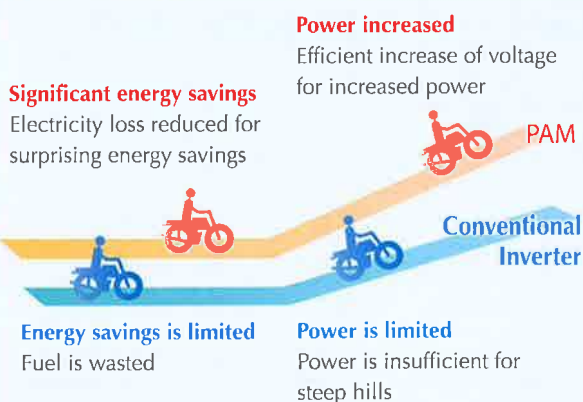
High-speed cooling

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



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

Using a Motorcycle as an Example



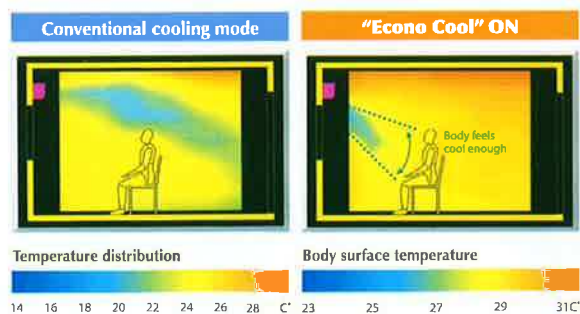
*This diagram illustrates the merits of PAM Control.



Econo Cool – smart save

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

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



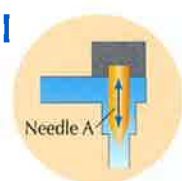
Ensures more comfort even when the set temperature is 2°C higher than the conventional cooling mode.

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



New LEV Control

LEV (Linear Expansion Valve) control automatically adjusts the volume of refrigerant flowing through the air conditioner according to air conditioning load. When the load is low, Needle A drops, restricting the flow path and decreasing the volume of refrigerant. In this simple yet effective concept, circulation of refrigerant is optimized to facilitate more economical operation.



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



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

MSY-GE10VA
Cooling capacity: 2.5kW*

MSY-GE13VA
Cooling capacity: 3.5kW*

MSY-GE15VA
Cooling capacity: 4.2kW*

MSY-GE18VA
Cooling capacity: 4.8kW*



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

MSY-GE24VA
Cooling capacity: 6.6kW*



Luminous Buttons



(MSY-GE24VA)

Outdoor Unit



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 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
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						
		Excellent	Excellent	Excellent	Excellent	Excellent

Inverter Multi Split System



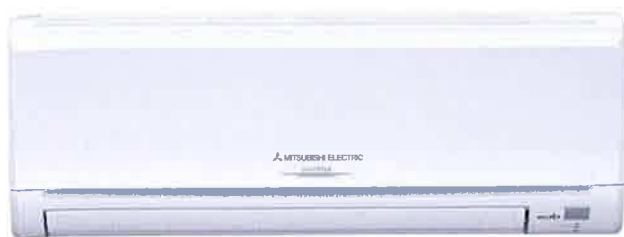
Mitsubishi Electric
starMEX
Air Conditioning

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*



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*



Outdoor Unit

System 3

3 Rooms **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.



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

Room A

Room B

Room C

System 4

4 Rooms **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.



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

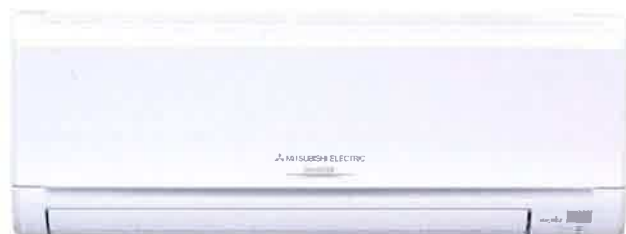
Room A

Room B

Room C

Room D

Indoor Unit



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



MSY-GE10VA

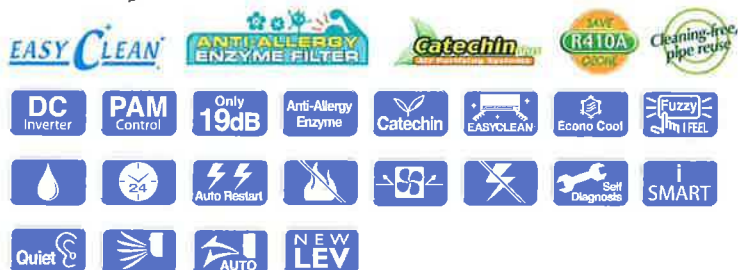
Cooling capacity: 2.5kW*

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

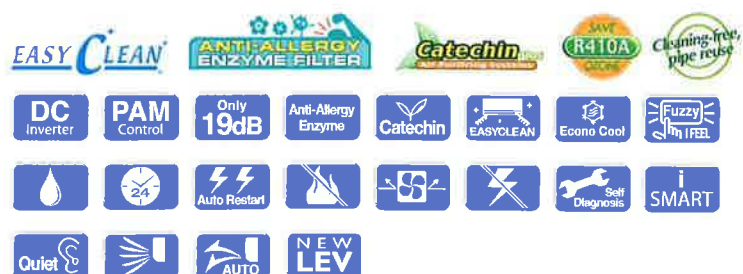


MSY-GE10VA

Cooling capacity: 2.5kW*

MSY-GE13VA

Cooling capacity: 3.5kW*



Outdoor Unit

System 4

4 Rooms **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.



MXY-4A38VA

Dimensions (W x D x H) :
900 x 320 x 900 mm
(+35)

System 2

2 Rooms **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.



MXY-2E20VA

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

CAPACITY



Inverter Multi Split system MXY series

			EASY CLEAN, WIDE & LONG			
Model			MXV-3A28VA	MXV-4A28VA	MXV-4A38VA	MXV-2E20VA
Outdoor			MSY-GE10VA / MSY-GE13VA / MSY-GE18VA / MSY-GE24VA / MSY-GE26VA			
Indoor						
No. of connectable indoor units (System)			3	4	4	2
Function & type			Cooling, Wall-mounted			
Capacity			Please refer to the chart on pages 15-18			
Power input			kW			
Max Running current (Indoor only)			A			
Airflow (High)			CMM(m³/min)			
Dimension			mm			
(W x D x H)			mm			
Net weight			kg			
*Noise level (Silent - High)			dB(A)			
Connection method			Flared			
External Diameter			mm			
piping			mm			
Max. length			m			
Max. height			m			
Power supply			V, Phase, Hz			
Energy labelling scheme						

*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) (m³/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-RP60BA	6.0	0.36	4 steps	18.0	28-32	840 x 840 x 258	29	9.52 / 15.88	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)	-
	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-KA35VA	3.5	0.30	3 steps	9.4	31-37	1102 x 360 x 175	18.5	6.35 / 9.52	Wireless(S)	-
	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)	-
	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
Compact ceiling concealed	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
	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
	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
	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	MSXY-FD10VA	2.5	0.25	4 steps	11.7	20-42	795 x 257 x 295	12	6.35 / 9.52	Wireless(S)	-
	MSXY-FD13VA	3.5	0.27	4 steps	12.1	20-43	795 x 257 x 295	12	6.35 / 9.52	Wireless(S)	-
	MSXY-FD18VA	5.0	0.53	4 steps	14.8	29-46	795 x 257 x 295	12	6.35 / 12.70	Wireless(S)	-
	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)	-
Wall mounted	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 MXV-4A38VA only.
Total Indoor Running Current must not exceed 3Amps when connecting to PEAD series.
*MXV-2E20VA can be connected to wall mount series only of up to cooling capacity of 3.5kW.

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



PLA-RP35/50/60/71BA

(Optional)



MLZ-KA35/50/VA



SEZ-KD35/50/60/71VAL

(Optional)



PEAD-RP50/60/71JA(L)

(Optional)



MSXY-FD10/13/18VA



MSY-EF10/13/18VA
(White/Silver/Black)



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	12.65
		10+10+13	2.21	2.21	3.08	-	7.50	2.90	8.90	2.10	0.79	2.88	9.22	3.47	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
MXY-4A28VA	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	12.65
		10+10+13	2.21	2.21	3.08	-	7.50	2.90	8.90	2.10	0.79	2.88	9.22	3.47	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	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
		10+10+13+26	1.20	1.20	1.68	3.42	7.50	3.70	8.90	2.06	0.95	2.85	9.05	4.17	12.52
		10+13+13+13	1.44	2.02	2.02	2.02	7.50	3.70	8.90	2.16	0.92	2.85	9.49	4.04	12.52
		10+13+13+18	1.29	1.81	1.81	2.59	7.50	3.70	8.90	2.08	0.95	2.85	9.13	4.17	12.52
		13+13+13+13	1.875	1.875	1.875	1.875	7.50	3.70	8.90	2.16	0.95	2.85	9.49	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)				A	B	C	D	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.
MXY-4A38VA	1 Room	10	10		2.50	-	-	-	2.50	1.40	3.50	0.59	0.43	0.81	2.59	1.89	3.56
		13	13		3.50	-	-	-	3.50	1.40	4.30	0.81	0.43	1.00	3.56	1.89	4.39
		18	18		5.00	-	-	-	5.00	1.50	6.10	1.23	0.47	1.64	5.40	2.06	7.20
		24	24		6.00	-	-	-	6.00	1.60	6.70	1.72	0.47	1.93	7.55	2.06	8.48
		26	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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
MXY-2E20VA	1 Room	10	10		2.50	-	-	-	2.50	0.90	2.60	0.70	0.15	0.71	3.38	0.72	3.43
		13	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	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	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	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)		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							

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
	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	0.45	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	2.10	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

MSY-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.

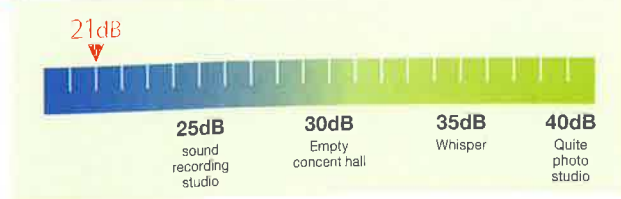
E.g. : Runs at 24°C from waking up to leaving home, and runs at 27°C from getting home to going to bed on weekdays.
Runs at 27°C from waking up late to going to bed early on weekends.

	Setting1	Setting2	Setting3	Setting4
Mon	ON	OFF	ON	OFF
Fri	24°C		27°C	
	6:00	8:30	17:30	22:00
Sat	Setting1	Setting2		
Sun	ON	OFF		
	8:00	21:00		

Quiet Comfort All Day Long

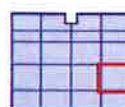
Mitsubishi Electric's advanced "Quiet Mode" fan speed setting provides super-quiet operation as low as 21dB for EF10/13 models. This unique feature makes the StarMEX ZEN series ideal for use in any situation.

Noise Level

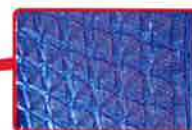


Nano Platinum Filter

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.



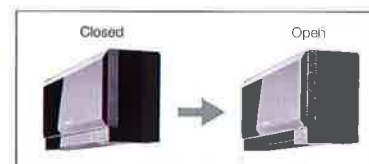
* It is okay to wash the filter with water (air-cleaning effect is maintained)



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.



FD Series

The FD 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 i-see Sensor temperature control and the Plasma Duo air filtering and purification system raise room comfort levels to new heights.

Mold Fighter

The MSXY-FD is equipped with a "Mold Fighter" function designed to suppress the growth of the spore of the mold. The ozone generated in the plasma electrode unit attacks the mold spores, reducing mold growth speed by about 20%.

Mold Fought Mechanism



Step 1

After cooling operation, Plasma Electrode unit fills the inside of indoor unit with ozone (O₃).



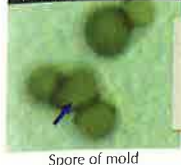
Step 2

The heat exchanger is dried by about 40min. of the fan mode operation.

Before ozone attack

Ozone shower

After ozone attack



Spore of mold

Ozone attacks cell membrane!!

Spore of mold is destroyed

Destroyed spore of mold can not grow further.

What is "Ozone"?

Ozone (O₃) is very uncertain molecule. It is resolved gradually and naturally into oxygen (O₂). During resolving, the "Nascent oxygen (O)" is produced. The nascent oxygen strongly oxidizes the organic matter or the inorganic matter, which product the effect for sterilization, deodorizing or etc.



The consistency of ozone during ozone showering is under the safety level

- Inside of indoor unit 0.1ppm
 - > Under the upper limit of acceptable range of ozone gas consistency at working environment (Safety limit advised by Japan society for occupational health)
- In the room 0.01ppm or less
 - > Under the average consistency of ozone in the coast area and forest area.

Plasma Duo Filter Systems

Besides a pre-filter, the unit is also mounted with two plasma air-purifying functions. These functions are engineered to zap air dirt particles from micron to nano-size in scale.

[Effective range]

The size of particle	
Big	Small
Dust	Bad odors
Pollen	Formaldehyde
Mold spores	
Bacteria	
Plasma Air Purification function removes	Plasma Deodorization function removes

Plasma Deodorization

"Platinum catalyst deodorizing filter" is attached. Minimum holes as small as 1 nanometer on a surface of approximately 3,000m² capture small foul-smelling substances in the air, then v-break down the source of the odors with the power of the ozone generated in a plasma electrode unit and the platinum catalyst contained in the filter.

Plasma Deodorizing Filter mechanism



Deodorizing speed approximately doubled (compared to FA)

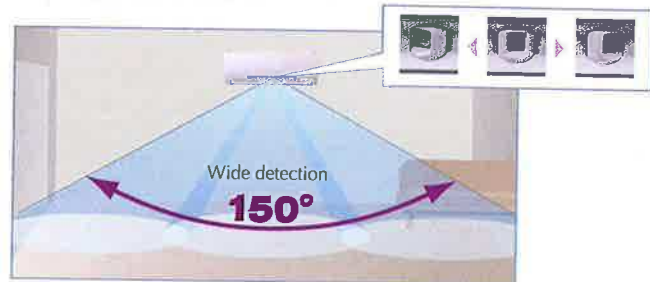
- 1 Plasma electrode unit produces ozone.
- 2 Particles of odor-releasing substances are absorbed.
- 3 Particles of odor-releasing substances are decomposed by ozone.



MSZ-FD25/35/50VA

i-see Sensor MSXY-FD10/13/18VA

The "i see sensor" automatically moves from side to side, searching floor temperature over a wide area of 150°.



Conventional air-conditioners control indoor temperature by using only the temperature of the intake air at the top of the room. As a result, the floor level temperature, which exerts such a keen impact on the temperature that people feel, tends to be overlooked. i-see Sensor detects the floor temperatures to ensure the comfort in the living areas.

At Cooling



Monitoring foot level cool, to eliminate excessive chilling

Cold air tends to sink to foot level, which is often the cause of over chilling. The i-see Sensor tracks this foot-level temperature to prevent over chilling.

The Plasma Electrode unit is attached inside this hole.

Plasma Electrode Unit

A plasma electrode unit is mounted inside the product. Electro-discharge is used to generate ozone & plasma, the collaboration between ozone & plasma and two special filters makes a dynamic plasma air cleaning function.

Plasma Air Purification

"Anti-allergen electric enzyme filter" is attached. The power of the static electricity charged in the filter and the plasma generated in the plasma electrode unit team up to capture the bacteria, pollen and other allergens in the air, which are then neutralized with enzyme in the filter.

Plasma Air Purifying Filter mechanism



- 1 Plasma electrode unit produces plasma.
- 2 Small particles are charged to negative by plasma.
- 3 Small particles charged to negative are collected to the positive side of the electret filter and neutralized by enzyme.

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 model 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.

Air direction at each outlet can be set independently by using the wired remote controller.

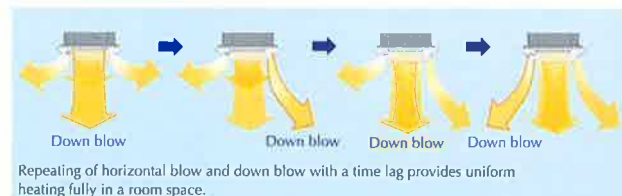


Remote Control setting

The New Swing Function Warms All Corners of the Room

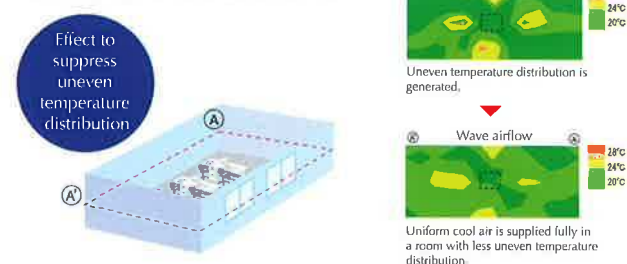
The wave airflow system has 4 vanes where each vane runs independently. Repeating of horizontal and down blows with a time lag allows the conditioned warm air to be distributed even to room corners thus preventing uneven room temperature distribution.

- 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-RP718A. 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-KA35/50VA

Ceiling Mounted Style

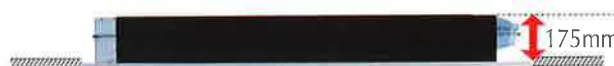
Ceiling mounted installation helps streamline room interiors. The overhead format is also an excellent solution when lighting equipment is installed at the center of the room and fixtures like bookshelves mounted on wall surfaces.

Access door isn't needed



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.

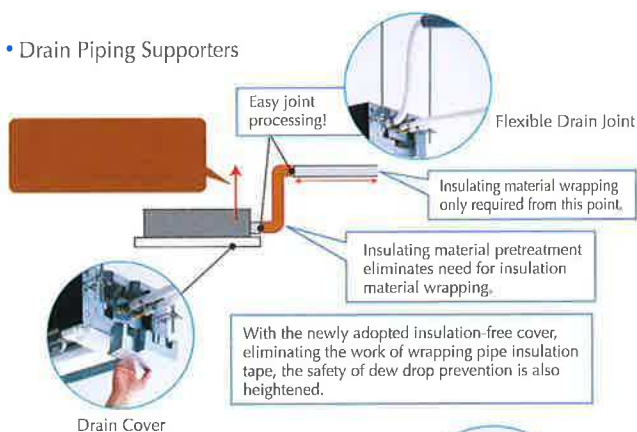
Left and Right



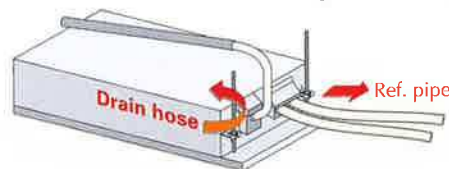
Easy Installation

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



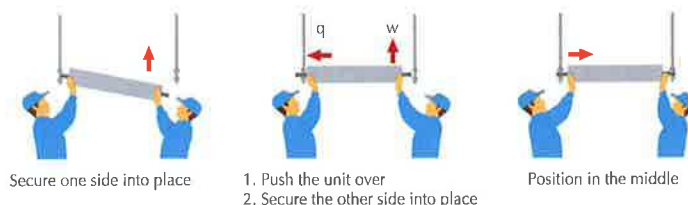
[Installation example]



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-RP50/60/71

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

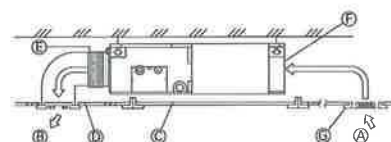


SEZ-KD35-71VAL

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.



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

[Dimension Comparison]



SEZ-KA35VAL

Width reduced by
▶ 110mm ◀



SEZ-KD35VAL

Height
reduced by
70mm



Remote Controller



Optional

Wider Selection of Fan Speed and Static Pressure Level

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

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



Four Levels Installation Possible for all Models

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

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

Maximum noise
reduced by 7dB

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.









FEATURES

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





Energy Saving

-  DC Inverter
-  PAM Control
-  Econo Cool
-  New LEV
-  Fuzzy Logic "I Feel"






Comfort

-  Only 19dB The Quietest Air-Conditioner In The Market
-  Only 21dB Super Quiet
-  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
-  Electrostatic Anti-allergy
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
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.

Convenience

-  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.

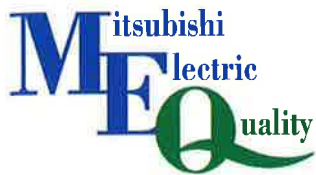
Installation & Maintenance

-  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
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.

		Inverter	
		Indoor	Outdoor
Cooling	Lower limit	21°C DB / 15°C WB	-10°C DB
	Upper limit	32°C DB / 23°C WB	46°C DB
		MSY-GE10/13/15/18/24/26VA	MXV-3A28/4A28VA
		MSY-EF10/13/18VA	MXV-4A38VA
		MSXY-FD10/13/18VA	MXV-2E20VA
		SEZ-KD35/50/60/71VAL	MUY-GE10/13/15/18/24VA

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:



The best quality you can rely on.

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



Line test



Sound test



Performance test



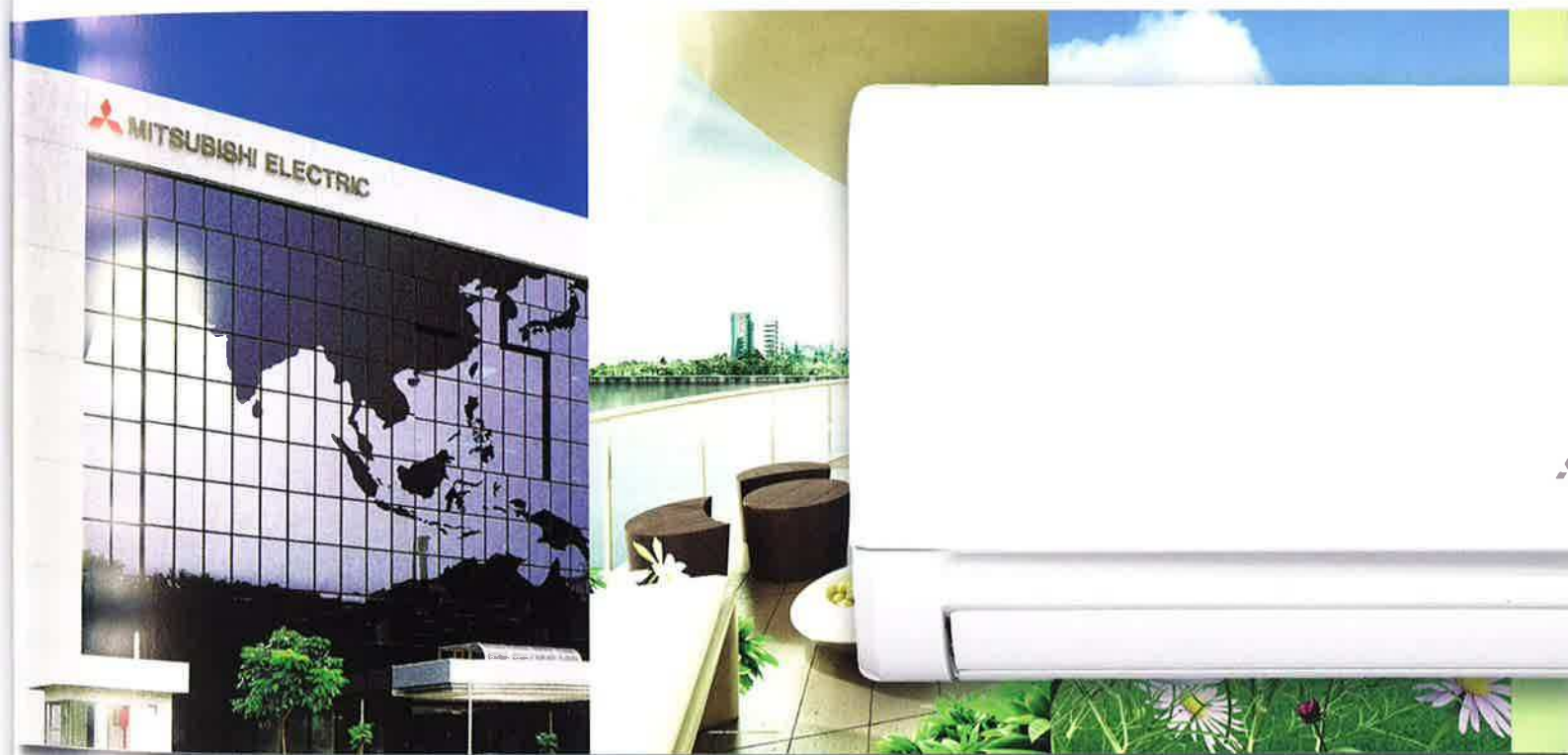
2000 Hour
Endurance test



800 Hour
Heat stress test



500 Hour
Saltwater spray rust test



Technical assistance within 24 hours.

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

MITSUBISHI ELECTRIC ASIA PTE LTD

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

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

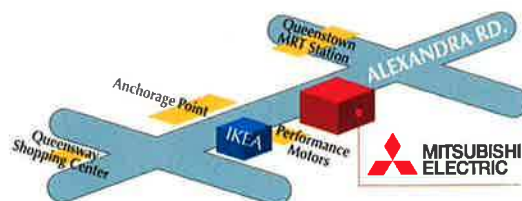
Office Hours: Monday - Friday 8:30am - 5:30pm

Show Room Opening Hours:

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

Saturday & Sunday 10:00am - 6:00pm

Closed on Public Holidays Tel: (65) 6470 2600



Mitsubishi Electric
starMEX
 Air-Conditioner



MITSUBISHI ELECTRIC
 INVERTER



for a greener tomorrow

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

MITSUBISHI ELECTRIC CORPORATION

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

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