

Mitsubishi Electric
starMEX
Air-Conditioner



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

At the leading-edge of air conditioning technology

**Excellent
Energy
Efficiency**

**Easiest
to Clean!**

Reachable Inner Vent
for Easy Clean

**Quietest!
19dB**



R22



Energy efficiency (EER) 12.5
Energy efficiency (SEER) 12.5
Energy efficiency (COP) 4.5
Energy efficiency (IPLV) 12.5



Energy efficiency (EER) 12.5
Energy efficiency (SEER) 12.5
Energy efficiency (COP) 4.5
Energy efficiency (IPLV) 12.5



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Energy efficiency (SEER) 12.5
Energy efficiency (COP) 4.5
Energy efficiency (IPLV) 12.5

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



Your Life, Our Technology – The Comfort Connection.

As everyone knows, nothing compares to the comfort that nature has to provide. However, thanks to its many technical refinements, Mitsubishi Electric's air conditioners bring you closer to this ideal. Improved EER (Energy Efficiency Ratio) levels significantly reduce energy consumption while extremely quiet operation and the use of the Eco-friendly R410A refrigerant allow our series to create a naturally serene environment in every room of the house.



Technology and quality make the difference.

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

Inverter Multi Split		Type		Connectable Indoor Units	Page	Energy labelling scheme
		Model	Refrigerant			
MXY-3A28VA	up to 3 indoor units			 MSY-GE10/13VA MSY-GE18VA	12	 Excellent
MXY-4A28VA	up to 4 indoor units			 MSY-GE10/13VA MSY-GE18VA	12	 Excellent
MXY-4A38VA	up to 4 indoor units			 MSY-GE10/13VA MSY-GE18VA	12	 Excellent
MXY-2E20VA	up to 2 indoor units			 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	14	 Excellent
MXY-4A28VA	up to 4 indoor units			 PLA-RP35/50/60/71BA	14	 Excellent
MXY-4A38VA	up to 4 indoor units			 PLA-RP35/50/60/71BA	14	 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	14	 Excellent
MXY-4A28VA	up to 4 indoor units			 SEZ-KD35/50/60/71VAL	14	 Excellent
MXY-4A38VA	up to 4 indoor units			 SEZ-KD35/50/60/71VAL	14	 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		
Non-Inverter Single Split		Type		Connectable Indoor Units	Page	
Model	Refrigerant					
MU-AD10/13VB 	Fixed Speed 	 MS-AD10/13VB	23			
MU-AD18VA 	Fixed Speed 	 MS-AD18VA	23			
MU-AD24/30VB 	Fixed Speed 	 MS-AD24/30VB	23			
Non-Inverter Multi Split		Type		Connectable Indoor Units	Page	
Model	Refrigerant					
MUX-2BD21VB  up to 2 indoor units	Fixed Speed 	 MS-B10/13VB	24			
MUX-3BD23VB  up to 3 indoor units	Fixed Speed 	 MS-B10VB	24			
MUX-4BD26VB  up to 4 indoor units	Fixed Speed 	 MS-B10/13VB	24			

Non-Inverter Multi Split		Type		Connectable Indoor Units	Page
Model	Refrigerant				
MUX-3D23VD up to 3 indoor units	Fixed Speed R22			 MS-A10VD	26
Non-Inverter Single Split		Type		Connectable Indoor Units	Page
Model	Refrigerant				
MU-D10VC 	Fixed Speed R22	 MS-D10VC		27	
MU-D13VC 	Fixed Speed R22	 MS-D13VC		27	
MU-E18VC 	Fixed Speed R22	 MS-E18VC		27	
MU-E24VC 	Fixed Speed R22	 MS-E24VC		27	
MU-D30VC 	Fixed Speed R22	 MS-D30VC		27	
MU-D36VC 	Fixed Speed R22	 MS-D36VC		27	

Conversion formula: Btu/h=KW X 3412

EASY CLEAN


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

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

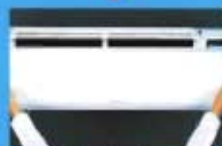


EASY CLEAN's unique cleaning system

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%!

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
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.



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
- 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

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.

Mitsubishi Electric's Main Technology

Easy, Clean & Comfortable



Easy Clean Design

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

*Electricity bill comparison of operation under fixed temperature with 6 grams of soil on the fan and one without. Based on internal company data.



Filter

Heat exchanger

Fan



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*, virus*, dust mites*, pollen*, 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. 20493448-002 *3 Shinshu University)



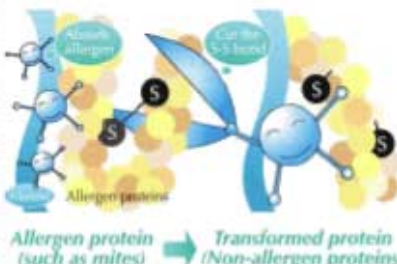
Easy Cleaning Procedure



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

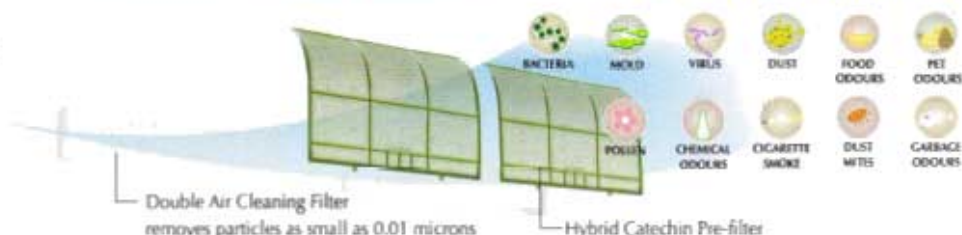
- 1 Artificial enzyme (meta-phthalocyanine) catalysts on the filament catch allergens.
- 2 The artificial enzyme catalysts aid the chemical reaction with oxygen and sever the S-S bonds.
- 3 Once the S-S bonds are severed, the proteins no longer act as allergens.



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.



Double Air Cleaning Filter removes particles as small as 0.01 microns

Hybrid Catechin Pre-filter



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



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.

Outdoor Cabinet



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

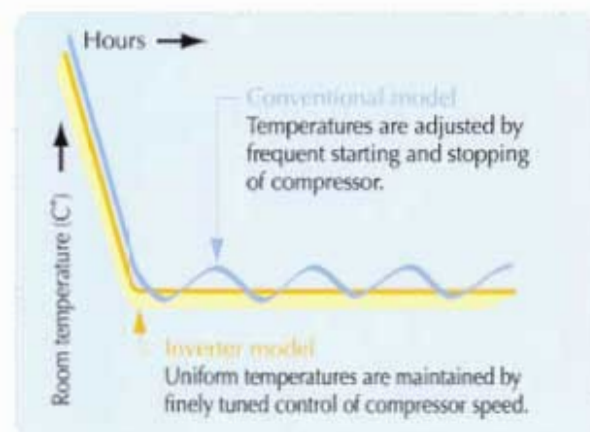
Inverter Control Technology

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

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

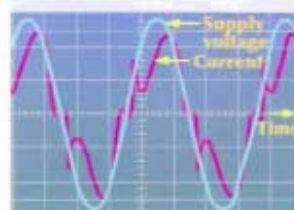
Mitsubishi Electric's newly developed, unique Joint Wrap Motor is environmentally friendly, using less copper wiring than conventional motors through the employment of joint wrap production techniques. This concentrated winding DC Motor (linked core type) features our original high density, concentrated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



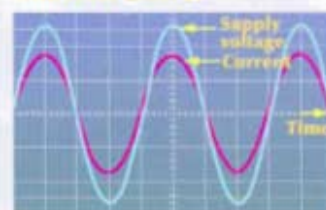
PAM (Pulse Amplitude Modulation)

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.

without PAM Control



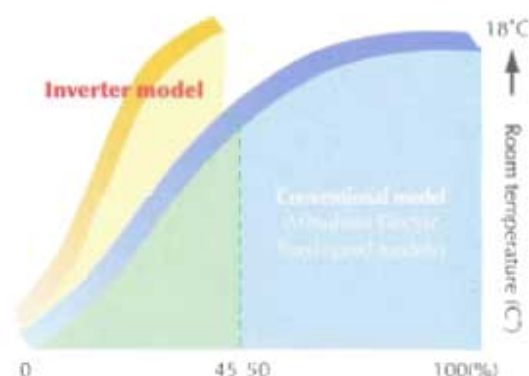
with PAM Control



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



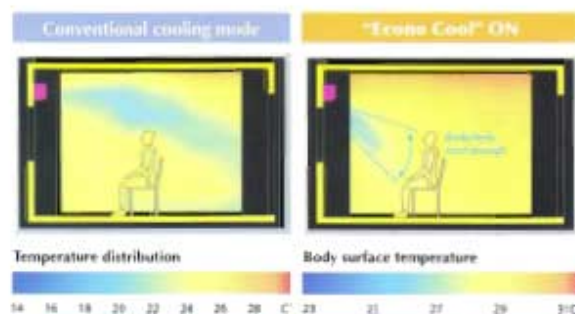
*This diagram illustrates the merits of PAM Control.



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.

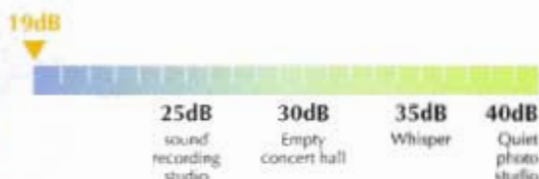


Silent Operation Technology & Multi-System

Only 19dB The Quietest Air Conditioner In The Market

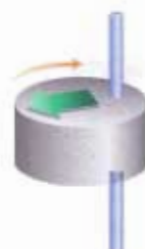
Noise level during silent mode operation is only **19dB** for the MSY-GE10VA, making it the quietest indoor unit in the market. Inside the unit, the multi-angled heat exchanger has a modified fin shape that reduces air resistance for a smoother, quieter airflow. The wide fan diameter produces greater 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.

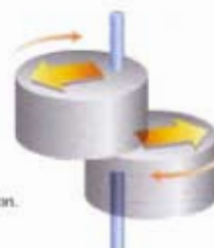


Twin rotary:

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.



Comparison of outdoor unit noise levels dB(A)

Outdoor unit	MXY-6A28VA	MXY-4B26VB
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.



Mitsubishi Electric
starMEX
Air-Conditioner

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-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*



Luminous Button



(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)
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	17.9
Dimension	Indoor mm	798 X 232 X 295				
(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	30-49
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 chamber

Conversion formula: Btu/h - kW x 3412

Inverter Multi 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. 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.



MXV 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 **MXV-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.



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

System 4

4 Rooms **MXV-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.



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

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-GE24VA
Cooling capacity: 6.0kW*

MSY-GE26VA
Cooling capacity: 7.1kW*



Outdoor Unit

System 4

4 Rooms **MXV-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.



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

System 2

2 Rooms **MXV-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.



MXV-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			MSY-GE10VA / MSY-GE13VA
No. of connectable indoor units (System)		3	4	4	2
Function & type		Cooling, Wall-mounted			
Capacity	kW				
Power input	kW				
Running current	A	Please refer to the chart on pages 15-18			
Airflow (High)	CMM(m ³ /min)	MSY-GE10VA : 11.4 / MSY-GE13VA : 12.8 / MSY-GE18VA : 15.1 / MSY-GE24/26VA : 17.9			
Dimension	Indoor mm	MSY-GE10/13/18VA : 798 X 232 X 295 / MSY-GE24/26VA : 1,100 X 238 X 325			
(W x D x H)	Outdoor mm	840 X 330 X 710 / 900 X 320(+35) X 900 / 800 X 285 X 550			
Net weight	Indoor kg	MSY-GE10/13/18VA : 10 / MSY-GE24/26VA : 16			
	Outdoor kg	57 / 58 / 67 / 40			
*Noise level (Silent - High)	Indoor dB(A)	MSY-GE10VA : (19-40) / MSY-GE13VA : (19-45) / MSY-GE18VA : (28-49) / MSY-GE24/26VA : (30-49)			
Connection method	Indoor/Outdoor	Flared			
External piping	Diameter Gas (ø) mm	MSY-GE10/13VA : 9.52 / MSY-GE18VA : 12.70 / MSY-GE24/26VA : 15.88			
	Liquid (ø) mm	MSY-GE10/13/18VA : 6.35 / MSY-GE24/26VA : 9.52			
	Max. length Total - Each m	60 - 25 / 60 - 25 / 70 - 25 / 30 - 20			
	Max. height m	15			
Power supply	V, Phase, Hz	230, 1, 50			
Energy labelling scheme		Excellent Excellent Excellent Excellent			

*Note: Noise level is measured in anechoic chambers.



MSY-GE10/13/18VA



MSY-GE24/26VA

Specifications

Type	Model	Name	Rated Capacity (kW)	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-RP	PLA-RP35BA	3.5	4 steps	15.0	27-31	840 x 840 x 258	28.0	6.35 / 12.70	Wireless(S) / Wired(O)	—
		PLA-RP50BA	5.0	4 steps	18.0	28-32	840 x 840 x 258	28.0	6.35 / 12.70	Wireless(S) / Wired(O)	—
		PLA-RP60BA	6.0	4 steps	18.0	28-32	840 x 840 x 258	29.0	9.52 / 15.88	Wireless(S) / Wired(O)	—
		PLA-RP71BA	7.1	4 steps	21.0	28-34	840 x 840 x 258	29.0	9.52 / 15.88	Wireless(S) / Wired(O)	—
Ceiling Cassette	MLZ	MLZ-KA35VA	3.5	3 steps	9.4	31-37	1102 x 360 x 175	18.5	6.35 / 9.52	Wireless(S)	—
		MLZ-KA50VA	5.0	3 steps	11.4	34-43	1102 x 360 x 175	18.5	6.35 / 12.70	Wireless(S)	—
		SEZ-KD35VAL	3.5	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	4 steps	15.0	30-37	990 x 700 x 200	23	6.35 / 12.70	Wireless(S) / Wired(O)	5/15/35/50
Compact ceiling concealed	SEZ-KD	SEZ-KD60VAL	6.0	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	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-RP50EA	5.0	2 steps	17.0	36-40	935 x 700 x 295	33.0	6.35 / 12.70	Wireless(S) / Wired(O)	30 / 70
		PEAD-RP60EA	6.0	2 steps	21.0	37-41	1175 x 700 x 295	42.0	9.52 / 15.88	Wireless(S) / Wired(O)	30 / 70
Ceiling concealed	PEAD-RP	PEAD-RP71EA	7.1	2 steps	25.0	37-41	1175 x 740 x 325	44.0	9.52 / 15.88	Wireless(S) / Wired(O)	70 (Option:130)
Wall mounted	MSXY-FD	MSXY-FD10VA	2.5	4 steps	11.7	20-42	798 x 295 x 257	12	6.35 / 9.52	Wireless(S)	—
		MSXY-FD13VA	3.5	4 steps	12.1	20-43	798 x 295 x 257	12	6.35 / 9.52	Wireless(S)	—
		MSXY-FD18VA	5.0	4 steps	14.8	29-46	798 x 295 x 257	12	6.35 / 12.70	Wireless(S)	—
		MSXY-GA10VA	2.5	4 steps	8.0	21-36	780 x 210 x 298	9	6.35 / 9.52	Wireless(S)	—
Wall mounted	MSXY-GA	MSXY-GA13VA	3.5	4 steps	8.0	22-36	780 x 210 x 298	9	6.35 / 9.52	Wireless(S)	—
		MSXY-GD18VA	5.0	4 steps	9.9	32-44	780 x 210 x 298	9	6.35 / 12.7	Wireless(S)	—
		MSXY-GA22VA	6.0	4 steps	17.2	32-48	1100 x 258 x 325	16	6.35 / 15.88	Wireless(S)	—
		MSXY-GA26VA	7.1	4 steps	17.2	33-48	1100 x 258 x 325	16	9.52 / 15.88	Wireless(S)	—

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



PLA-RP35/50/60/71BA

(Optional)



MLZ-KA35/50VA



SEZ-KD35/50/60/71VAL

(Optional)



PEAD-RP50/60/71EA

(Optional)



MSXY-FD10/13/18VA



MSXY-GA10/13/GD18VA



MSXY-GA22/26VA

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	Rated	Min.	Max.	Rated	Min.	Max.	Rated	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	2.18	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		
		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		
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	2.18	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			
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			
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	2.76	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							

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

Outdoor unit		Indoor unit combination (A + B + C + D)	Capacity of each indoor unit (kW)				Total capacity (kW)			Total power input (kW)			Total running current (A)			
			A	B	C	D	Rated	Min.	Max.	Rated	Min.	Max.	Rated	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	
		26	7.10	-	-	-	7.10	1.60	8.50	2.55	0.47	3.48	11.20	2.06	15.28	
	2 Rooms	10+10	2.50	2.50	-	-	5.00	2.00	6.50	1.18	0.64	1.89	5.18	2.81	8.30	
		10+13	2.50	3.50	-	-	6.00	2.00	7.30	1.61	0.64	2.35	7.07	2.81	10.32	
		10+18	2.50	5.00	-	-	7.50	2.00	8.50	2.46	0.64	3.28	10.80	2.81	14.40	
		10+24	2.50	6.00	-	-	8.50	2.00	8.70	3.32	0.65	3.48	14.58	2.85	15.28	
		10+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	14.95	3.03	15.28	
		18+24	4.00	4.80	-	-	8.80	2.10	9.20	3.20	0.69	3.48	14.95	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	
	18+18+18	3.06	3.06	3.06	-	9.18	2.90	10.80	2.53	0.83	3.48	11.11	3.65	15.28		
	4 Rooms	10+10+10+10	2.30	2.30	2.30	2.30	9.20	3.70	11.20	2.48	0.93	3.48	10.89	4.08	15.28	
		10+10+10+13	2.09	2.09	2.09	2.93	9.20	3.70	11.20	2.48	0.93	3.48	10.89	4.08	15.28	
		10+10+10+18	1.84	1.84	1.84	3.68	9.20	3.70	11.20	2.45	0.93	3.45	10.76	4.08	15.15	
		10+10+10+24	1.70	1.70	1.70	4.10	9.20	3.70	11.20	2.44	0.93	3.44	10.72	4.08	15.11	
		10+10+10+26	1.58	1.58	1.58	4.46	9.20	3.70	11.20	2.44	0.93	3.44	10.72	4.08	15.11	
		10+10+13+13	1.92	1.92	2.68	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	14.96	
		10+13+13+13	1.76	2.48	2.48	2.48	9.20	3.70	11.20	2.48	0.93	3.48	10.89	4.08	15.28	
		10+13+13+18	1.59	2.22	2.22	3.17	9.20	3.70	11.20	2.45	0.93	3.45	10.76	4.08	15.15	
		10+13+13+24	1.48	2.08	2.08	3.56	9.20	3.70	11.20	2.44	0.93	3.44	10.72	4.08	15.11	
		13+13+13+13	2.30	2.30	2.30	2.30	9.20	3.70	11.20	2.48	0.93	3.48	10.89	4.08	15.28	
		13+13+13+18	2.08	2.08	2.08	2.96	9.20	3.70	11.20	2.45	0.93	3.45	10.76	4.08	15.15	
		13+13+13+24	1.95	1.95	1.95	3.35	9.20	3.70	11.20	2.45	0.93	3.45	10.76	4.08	15.15	
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)

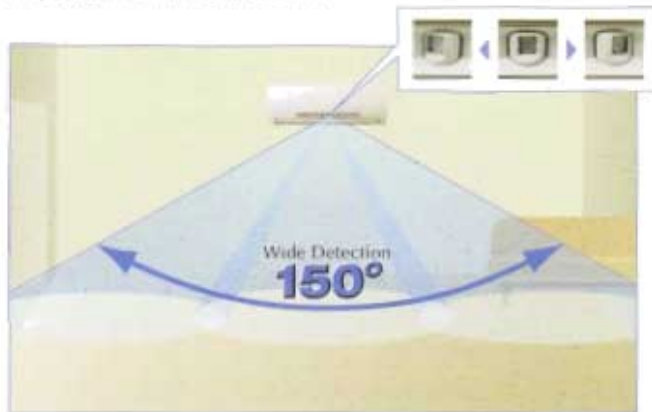
Outdoor unit	Indoor unit combination				Capacity of each indoor unit (kW)				Total capacity (kW)			Total power input (kW)			Total running current (A)		
	(A + B + C + D)				A	B	C	D	Rated	Min.	Max.	Rated	Min.	Max.	Rated	Min.	Max.
MXY-3A28VA (8.5A)	1 Room	10	2.50	-	-	-	-	2.50	1.40	3.50	0.59	0.45	0.85	2.59	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														

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

Outdoor unit	Indoor unit combination (A + B + C + D)		Capacity of each indoor unit (kW)				Total capacity (kW)			Total power input (kW)			Total running current (A)			
			A	B	C	D	Rated	Min.	Max.	Rated	Min.	Max.	Rated	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		3.56	3.32	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		

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

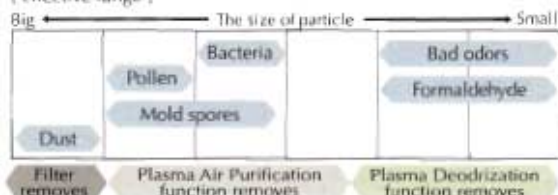


Cold air tends to sink to foot level, which is often the cause of over chilling. The i-see Sensor tracks this foot-level temperature and adjust the air outlet temperature to prevent over chilling.

Plasma Duo Filter Systems

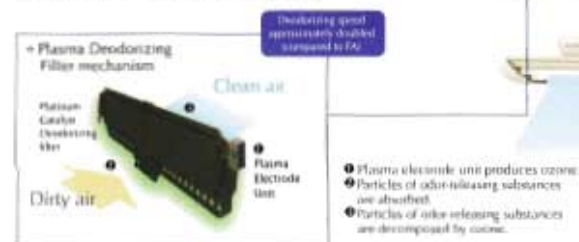
Besides a pre-filter, the unit is also mounted with two plasma air-purifying functions. These functions are engineered to zap air dirt particles from micron to nano-size in scale.

[Effective range]



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 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.



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.

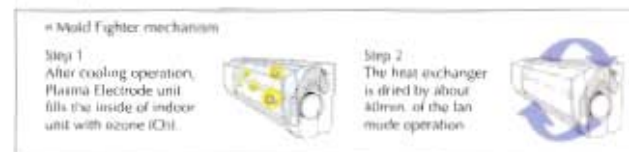
Plasma Air Purification

"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 the enzyme in the filter.



Mold Fighter

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



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 produce 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 averaged consistency of ozone in the coast area and forest area.

SEZ Series

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

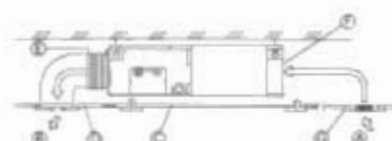


SEZ-KD35-71VAL

Compact Ceiling Concealed Style

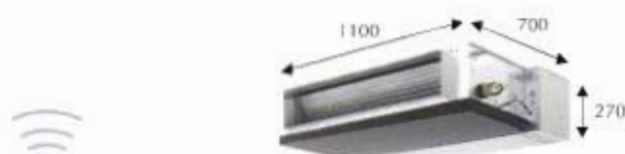
With our "ceiling concealed model," the air-conditioner unit itself is enclosed in the ceiling cavity, leaving only the outlet and inlet grille mounted on the ceiling surface. This greatly helps the air conditioning system to keep the quality of your interior decor.

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.



- ⑧ Air inlet
- ⑦ Air outlet
- ⑥ Access door
- ⑤ Ceiling surface
- ④ Canvas duct
- ③ Air filter
- ② Inlet grille
- ①

[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
60	32dB	30dB
71	32dB	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.

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.



Remote Control setting

The New Swing Function Warms All Corners of the Room

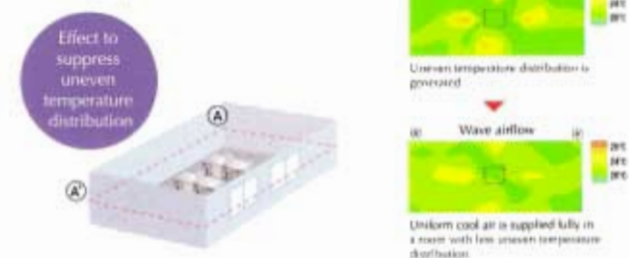
The wave airflow system has 4 vanes where each vane runs independently. Repeating of horizontal and down blows with a time lag allows the conditioned warm air to be distributed even to room corners thus preventing uneven room temperature distribution.

• Operation image of "Wave Airflow"



*Vertical swinging mode is adopted 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.



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.



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.

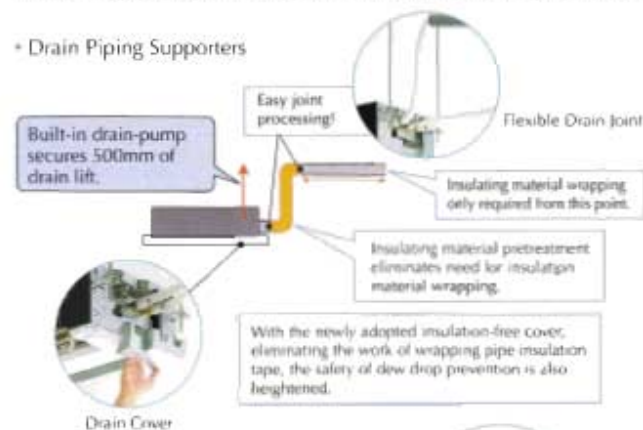
Left and Right



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



* Easy Mounting Plate

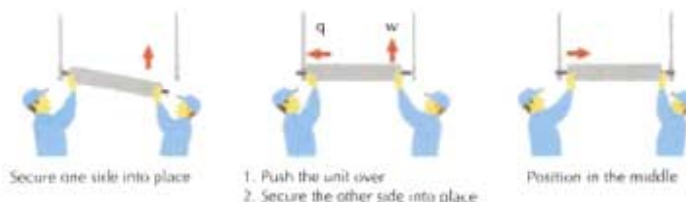
The well-designed mounting plate makes the suspension work easier.



[Installation example]



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



Non-Inverter Single Split Type



With energy-saving "Econo Cool" and Fuzzy Logic "I Feel", the Extra Powerful and Super Quiet MS series boasts a world-class suite of features. From bedroom to spacious living room, with our extended line-up we have the air conditioner that your home needs.

MU-AD Series

Indoor Unit



Dimensions (W x D x H): 815 x 244 x 278 mm

MS-AD10VB

Cooling capacity: 2.55kW

MS-AD13VB

Cooling capacity: 3.40kW



Dimensions (W x D x H): 1,100 x 258 x 325 mm

MS-AD18VA

Cooling capacity: 5.1kW

MS-AD24VB

Cooling capacity: 6.55kW

MS-AD30VB

Cooling capacity: 7.65kW



Outdoor Unit



MU-AD10/13VB

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



MU-AD18VA

Dimensions (W x D x H): 850 x 290 x 605 mm



MU-AD24/30VB

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



Model		EASY CLEAN		WIDE & LONG		
Indoor		MS-AD10VB	MS-AD13VB	MS-AD18VA	MS-AD24VB	MS-AD30VB
Outdoor		MU-AD10VB	MU-AD13VB	MU-AD18VA	MU-AD24VB	MU-AD30VB
Function & type		Cooling, Wall-mounted				
Capacity	kW	2.55	3.4	5.1	6.55	7.65
Power input	kW	0.78	1.06	1.74	2.19	2.97
Starting current	A	22	23	37	65	80
Running current	A	3.44	4.94	8.03	10.43	13.25
Airflow (High)	CMM(m/min)	9.7	9.7	16	16	16
Dimension	Indoor mm	815 X 244 X 278		1,100 X 258 X 325		
(W x D x H)	Outdoor mm	800 X 285 X 550		850 X 290 X 605		840 X 330 X 850
Net weight	Indoor kg	10	10	16	16	16
	Outdoor kg	28	34	45	73	75
*Noise level (Low - High)	Indoor dBI(A)	25-38	26-38	33-45	35-45	38-47
Connection method	Indoor/Outdoor	Flared				
Dehumidification	l/h	0.30	0.87	1.4	2.3	3.5
External Diameter	Gas (ø) mm	9.52	9.52	12.7	15.88	15.88
Piping	Liquid (ø) mm	6.35	6.35	6.35	6.35	9.52
	Max. length m	20	25	25	25	30
	Max. height m	10	10	10	10	15
Power supply	V, Phase, Hz	230, 1, 50				

*Note: Noise level is measured in anechoic chambers.

Conversion formula: Btu/h=kW x 3412

Non-Inverter Multi Split System



Mitsubishi Electric also offers a versatile line of conventional non-inverter air-conditioners featuring multi-system capability. The MS EASY CLEAN Series is the latest air-conditioner line up, featuring the highly effective Catechin Plus Air Purifying System. This new line also offers quieter operation, and has a distinctive design that not only looks appealing, but also is easier to clean.



MUX-BD Series

Indoor Unit



Dimensions (W x D x H): 815 x 244 x 278 mm



Luminous Buttons

MS-B10VB

Cooling capacity: 2.85kW*

MS-B13VB

Cooling capacity: 3.45kW*



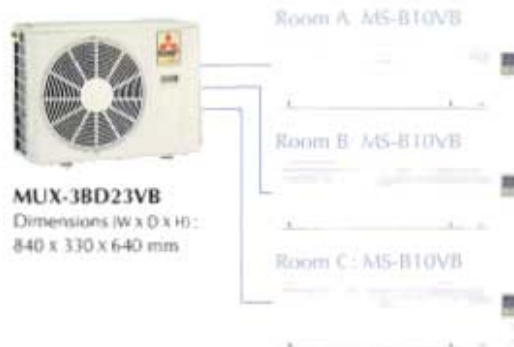
Outdoor Unit

2 Rooms MUX-2BD21VB Outdoor unit 1:2 Indoor units

3 Rooms MUX-3BD23VB Outdoor unit 1:3 Indoor units

4 Rooms MUX-4BD26VB Outdoor unit 1:4 Indoor units

Certain unit combinations are not compatible. Please refer to the configuration pattern charts on the page 25 for more details.





Non-Inverter Multi Split system MUX-BD series

Model				EASY CLEAN					
Outdoor				MUX-2BD21VB		MUX-3BD23VB		MUX-4BD26VB	
Indoor				MS-B10/13VB		MS-B10VB		MS-B10/13VB	
No. of connectable indoor units (System)				2		3		4	
Function & type				Cooling, Wall-mounted					
Capacity		kW		Please refer to the chart below					
Power input		kW							
Running current		A							
Airflow (High)		CMM(m³/min)		MS-B10VB : 7.9 / MS-B13VB : 9.7					
Dimension (W x D x H)	Indoor	mm		815 X 244 X 278					
	Outdoor	mm		840 X 330 X 640				840 X 330 X 850	
Net weight	Indoor	kg		MS-B10VB : 9 / MS-B13VB : 10					
	Outdoor	kg		66		65		76	
*Noise level (Low - High)	Indoor	dB(A)		MS-B10VB:(25-36) / MS-B13VB:(26-40)					
Connection method		Indoor/Outdoor		Flared					
External piping	Diameter	Gas (ø)	mm	9.52					
		Liquid (ø)	mm	6.35					
	Max. length Total - Each		m	30 - 15		45 - 15		60 - 15	
	Max. height		m	10					
Power supply		V, Phase, Hz		230, 1, 50					

*Note: Noise level is measured in anechoic chamber

Non-Inverter Multi Split System MUX-BD 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			
MUX-2BD21VB	1 Room	10	(1 compressor)	-	2.45	-	-	2.45	0.89	3.99
		13	(1 compressor)	3.40	-	-	-	3.40	1.48	6.63
MUX-3BD23VB	2 Rooms	13+10	(2 compressors)	3.40	2.45	-	-	5.85	2.22	9.95
		10	(1 compressor)	2.60	-	-	-	2.60	0.96	4.30
MUX-4BD26VB	1 Room	10	(1 compressor)	-	2.85	-	-	2.85	1.26	5.65
		13	(1 compressor)	-	-	2.85	-	2.85	1.26	5.65
MUX-3BD23VB	2 Rooms	10+10	(2 compressors)	2.60	2.75	-	-	5.35	2.12	9.50
		10+10	(1 compressor)	-	1.775	1.775	-	3.55	1.31	5.87
MUX-4BD26VB	3 Rooms	10+10	(2 compressors)	2.60	-	2.75	-	5.35	2.12	9.50
		10+10+10	(2 compressors)	2.60	1.775	1.775	-	6.15	2.10	9.41
MUX-4BD26VB	1 Room	10	(1 compressor)	-	-	2.75	-	2.75	1.20	5.38
		13	(1 compressor)	-	-	-	2.75	2.75	1.20	5.38
MUX-4BD26VB	2 Rooms	13	(1 compressor)	3.45	-	-	-	3.45	1.39	6.23
		13	(1 compressor)	-	3.45	-	-	3.45	1.39	6.23
MUX-4BD26VB	3 Rooms	10+10	(1 compressor)	-	-	1.70	1.70	3.40	1.29	5.78
		13+10	(2 compressors)	3.35	-	2.65	-	6.00	2.39	10.71
MUX-4BD26VB	4 Rooms	13+10	(2 compressors)	-	3.35	2.65	-	6.00	2.39	10.71
		13+10	(2 compressors)	-	3.35	-	2.65	6.00	2.39	10.71
MUX-4BD26VB	3 Rooms	13+13	(1 compressor)	2.00	2.00	-	-	4.00	1.47	6.59
		13+10+10	(2 compressors)	3.45	-	1.70	1.70	6.85	2.52	11.30
MUX-4BD26VB	4 Rooms	13+13+10	(2 compressors)	-	3.45	1.70	1.70	6.85	2.52	11.30
		13+13+10	(2 compressors)	2.00	2.00	2.65	-	6.65	2.51	11.25
MUX-4BD26VB	4 Rooms	13+13+10	(2 compressors)	2.00	2.00	-	2.65	6.65	2.51	11.25
		13+13+10+10	(2 compressors)	2.00	2.00	1.70	1.70	7.40	2.52	11.30

R22

Indoor Unit

Cooling capacity: 2.45kW *with vige operation



(MS-A10VD)



Specifications

Model			acorn mx3 EAST CLIM
Outdoor			MUX-3D23VD
Indoor			MS-A10VD
No. of connectable indoor units (System)			3
Function & type			Cooling, Wall-mounted
Capacity		kW	Please refer to the chart below
Power input		kW	
Running current		A	
Airflow (High)		CMM(m ³ /min)	MS-A10VD: 10.5
Dimension	Indoor	mm	815 X 244 X 278
(W x D x H)	Outdoor	mm	840 X 330 X 640
Net weight	Indoor	kg	9
	Outdoor	kg	62
*Noise level (Low - High)	Indoor	dB(A)	26-39
Connection method	Indoor/Outdoor		Flared
External Diameter	Gas (ø)	mm	9.52 x 3
Piping	Liquid (ø)	mm	6.35 x 3
	Max. length	Total - Each	45-15
	Max. height	m	10
Power supply	V, Phase, Hz		230, 1, 50

Capacity

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	A	B	C	D			
AU0K-1023VQ	1 Room	10	(1 compressor)	—	—	2.45	—	2.45	1.005	4.50
		10	(1 compressor)	—	2.45	—	—	2.45	1.005	4.50
		10	(1 compressor)	2.35	—	—	—	2.35	0.82	3.68
	2 Rooms	10+10	(1 compressor)	—	1.65	1.65	—	3.30	1.095	4.91
		10+10	(2 compressors)	2.35	—	2.45	—	4.80	1.85	8.29
		10+10	(2 compressors)	2.35	2.45	—	—	4.80	1.85	8.29
	3 Rooms	10+10+10	(2 compressors)	2.35	1.65	1.65	—	5.65	1.935	8.50

Outdoor Unit

3 MUX-3D23VD

Outdoor unit 1:3 Indoor units



Dimensions (W x D x H):
840 x 330 x 640 mm

Non-Inverter Single Split System

R22



With energy-saving "Econo-cool" and Fuzzy Logic "I feel", the Extra Powerful and Super Quiet MS Series boasts a world-class suite of features. From bedroom to spacious living room, with our extended line-up we have the air-conditioner that your home needs.

MU-D Series

Indoor Unit



Dimensions (W x D x H): 788 x 225 x 295 mm

MS-D10VC

Cooling capacity: 2.5kW

MS-D13VC

Cooling capacity: 3.6kW



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

MS-E18VC

Cooling capacity: 5.2kW

MS-E24VC

Cooling capacity: 6.6kW



Dimensions (W x D x H): 1170 x 295 x 365 mm

MS-D30VC

Cooling capacity: 8.4kW

MS-D36VC

Cooling capacity: 10.0kW

Outdoor Unit



MU-D10VC

Dimensions (W x D x H): 684 x 255 x 540 mm



MU-D13/E18VC

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



MU-E24VC

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



MU-D30VC

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



MU-D36VC

Dimensions (W x D x H): 870 x 295 x 1250 mm



Non-Inverter Single Split System MU-D series

Specifications

Model		SLATMEX		WIDE & LONG			
Indoor		MS-D10VC	MS-D13VC	MS-E18VC	MS-E24VC	MS-D30VC	MS-D36VC
Outdoor		MU-D10VC	MU-D13VC	MU-E18VC	MU-E24VC	MU-D30VC	MU-D36VC
Function & type		Cooling, Wall-mounted					
Capacity	kW	2.5	3.6	5.2	6.6	8.4	10.0
Power supply	V, Phase, Hz	230, Single phase, 50Hz					
Power input	kW	0.775	1.115	1.57	2.00	3.25	3.4
Starting current	A	15	33	39	55	91	90
Running current	A	3.44	4.95	7.30	9.10	14.6	15.7
Airflow (High)	CMM (m/min)	10.4	10.5	17.4	18.0	23.3	24.2
Dimension (W x D x H)	Indoor mm	788 x 225 x 295		1100 x 238 x 325		1,170 x 295 x 365	
	Outdoor mm	684 x 255 x 540		800 x 285 x 550		840 x 330 x 880	840 x 330 x 850 870 x 295 x 1258
Net weight	Indoor kg	9		16		18	
	Outdoor kg	22		36		55 77 90	
Noise level (Low-High)	Indoor dB (A)	26-40		34-46		36-46 39-48	
Connection method	Indoor/Outdoor	Flared					
Dehumidification	l/h	0.1 1.0		0.6 1.6		4.3 5.0	
Pipe size (Outer diameter)	Gas mm	9.52 12.70		15.88		19.05	
Maximum piping length	Liquid mm	6.35		9.52			
	Max Length m	20		30			
Height difference m		10		15			

*Noise: Noise level is measured in anechoic chambers.

FEATURES

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

Energy Saving

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

Comfort

- The Quietest Air-Conditioner In The Market**
- 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 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.

Convenience

- 24-Hour On/Off timer**
On/Off operation can be set simultaneously in 10-minute increment for a 24-hour period.
- 12-Hour On/Off timer**
On/Off times can be easily set as desired.
- 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

- 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.
- 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.
- 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.

Note

- Rating conditions: Cooling – indoor: 27°CDB / 19°CWB; Outdoor: 35°CDB. Refrigerant piping length (one way): 5 meters / indoor unit (inverter); 7.5 meters / indoor unit (Non-Inverter).
- Due to the compact high efficient design of heat exchanger, the use of wall mounted fan coil units are not recommended for hall/salon environment. Please contact our Dealers for recommendations of appropriate models.
- Guaranteed operating range:

		Inverter		Non-Inverter	
		Indoor	Outdoor	Indoor	Outdoor
Cooling	Lower limit	21°CDB / 15°CWB	-10°CDB	21°CDB / 15°CWB	21°CDB
	Upper limit	32°CDB / 23°CWB	46°CDB	35°CDB / 24°CWB	46°CDB
		MSY-GE10/13/15/18/24/26VA MSY-GA10/13/CD18/22/26VA MSY-FD10/13/18VA SEZ-KD35/50/60/71VAL	MXS-3A28/4A28VA MXS-4A38VA MXS-2E20VA MUY-GE10/13/15/18/24VA	MS-D10/13/30/36VC MS-E18/24VC MS-AD10/13/18/24/30/36VA MS-B10/13VB	MU-D10/13/30/36VC MU-E18/24VC MU-AD10/13/18/24/30/36VA MUX-3D23VD MUX-2D21/38D23/48D26VB



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



Endurance test



Heat stress test



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

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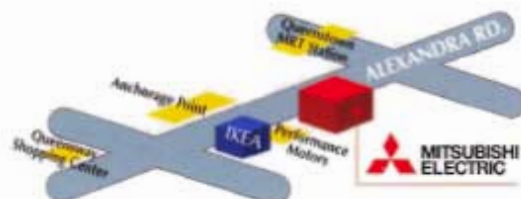
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Show Room Opening Hours:

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 Consumer Products and Mitsubishi Electric Shizuoka Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of Quality Warranties for the production of air conditioning equipment. The plant also acquired environmental management system standard ISO 14001 certification.

 **mitsubishi electric corporation**
 HEAD OFFICE: MITSUBISHI DENKI BLDG., 2-2-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN

 **mitsubishi electric asia pte ltd**

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