

Elevating
Comfort
to a Luxury Standard

MSY-*AMZ*
Series



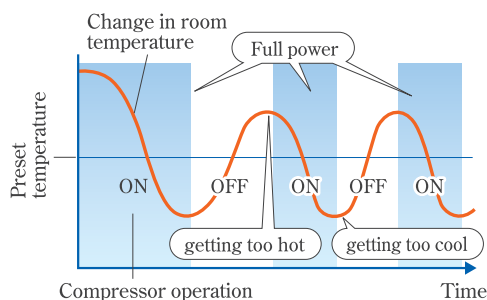
All New Inverter Technology

AMZ Series features advanced inverter technology developed through many years of experience. We have achieved powerful cooling with high energy efficiency to bring you optimal comfort.



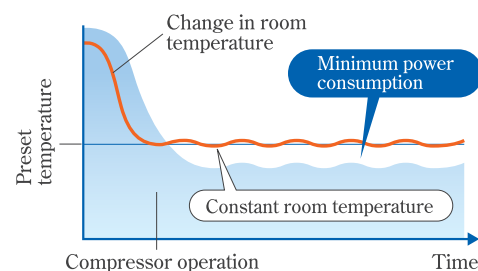
Inverter operation comparison

Non-inverter air conditioner



Inverter air conditioner

Optimum control of frequency keeps preset room temperature



The compressors of air conditioners without an inverter start and stop repeatedly in order to maintain the preset room temperature. This repetitive on/off operation uses excessive electricity and compromises room comfort. The compressors of air conditioners equipped with an inverter run continuously; the inverter quickly optimizing the operating frequency according to changes in room temperature. This ensures energy-efficient operation and a more comfortable room.

TWIN ROTARY COMPRESSOR

ULTIMATE COOLING PRECISION

• SMOOTH OPERATION

• WHISPER-QUIET

• ENERGY EFFICIENT



WHAT MAKES IT ADVANCED?

Unlike conventional compressors, the Twin Rotary system uses two synchronized rotors for balanced and continuous compression. This reduces vibration, enhances efficiency, and ensures ultimate cooling performance.



SMOOTH & STABLE OPERATION:

Dual rotors minimize fluctuation for seamless cooling.



WHISPER-QUIET PERFORMANCE:

Low vibration ensures near-silent operation.



ENHANCED ENERGY EFFICIENCY:

Optimized compression reduces power consumption.



FASTER COOLING RESPONSE:

Quick temperature pull-down for instant comfort.

POWER MEETS PRECISION

Experience the next-level of cooling innovation.

MITSUBISHI ELECTRIC Propeller Fan and DC Fan Motor

| Propeller Fan



Newly designed propeller fan maximizes airflow efficiency. It delivers the most air volume with the least noise.

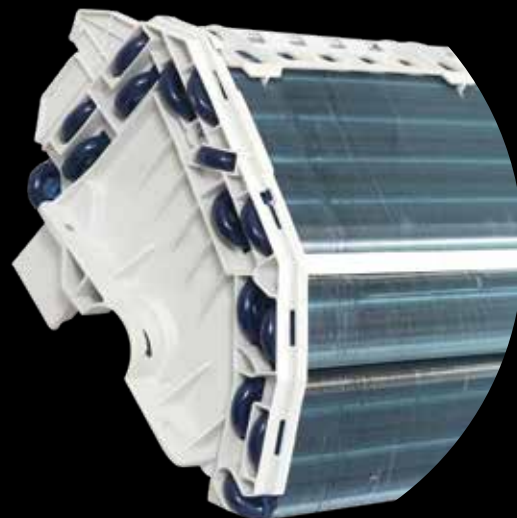
| DC Fan Motor



A highly efficient DC Fan motor drives the fan of the outdoor unit. Efficiency is much higher than an equivalent AC motor.

ANTI-CORROSION COATING ON IDU & ODU

Anit-Corrosion Coating in air conditioners is a special coating applied to the evaporator coils of the unit. It allows water to spread easily over the surface, instead of beading up and improves heat exchange efficiency, enhancing the overall performance of the air conditioner. The coating also provides some protection against corrosion caused by moisture, pollutants, and salt, particularly in humid or coastal areas.



**Blue
fin**

(anti corrosion)

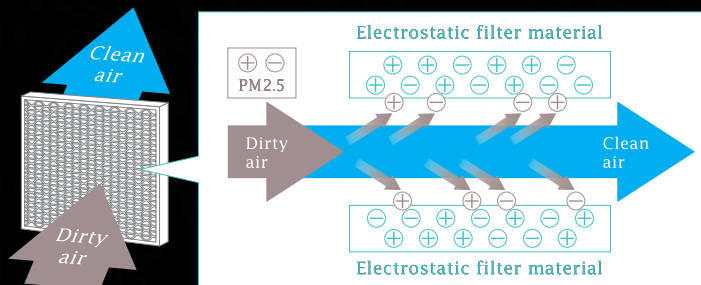
Highly effective Anti-corrosion
HEX is used in all outdoor units.



MICRO PARTICLE CATCHING FILTER AND HIGH DENSITY FILTER



Effectively catches floating PM 2.5 particles to maintain clean air in the room.



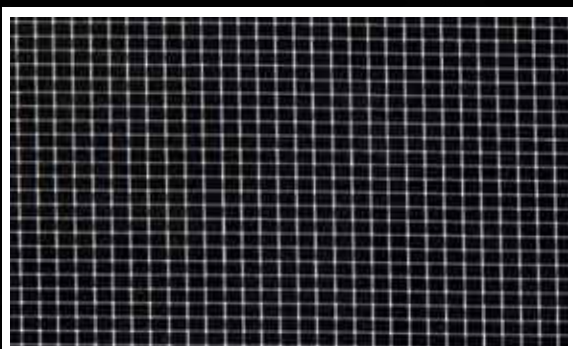
Electrostatic material removes PM 2.5 from the air and absorbs it when passing through the filter.



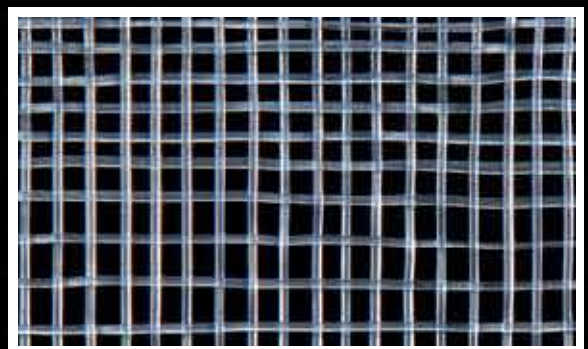
EFFECTIVELY ELIMINATE PM2.5 AND CATCH SMALLER DUSTS

[Comparison of Density of filters]

High Density Filter can prevent smaller dust from entering the inside of air conditioners.



High Density Filter



Standard Filter



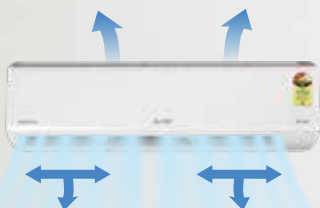
AUTO VANE CONTROL

UP AND DOWN / LEFT AND RIGHT

Auto Vanes can be moved left and right, and up and down using the remote controller.

Horizontal Airflow / Auto Vane Control

Four-way swing with auto vane control ensures balanced, comfortable, and efficient cooling throughout the space.



Automatic Vertical & Horizontal Movement 4-Way Airflow



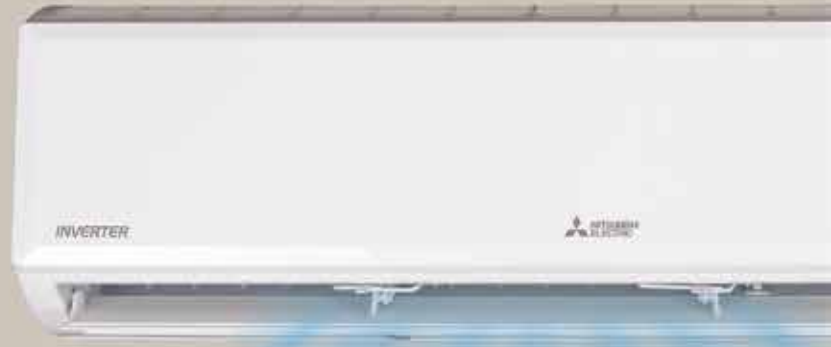
Mode-Based Vane Movement

Auto Vane Control Button



- » Even cooling in every corner of the room
- » Automatic adjustment of vane angles (no manual setting needed)
- » Improved comfort by avoiding direct airflow on one spot
- » Better efficiency through optimized air circulation

TURBO COOLING MODE



Once activated, this mode continues for 15 minutes.



Turbo Cooling mode starts immediately with the push of a button. According to preference, air direction can be changed freely.

At Mitsubishi Electric, we invest great care in designing our product features, instant relief from scorching heat is one such desire met successfully through the turbo cooling feature in our air conditioners.



NEW REMOTE CONTROLLER

New stylish and compact backlit remote controller features easy-read big display and simple button position with fundamental functions.



MSY - AMZ SERIES

Indoor Unit

MSY-AMZ13VF



H295 x W800 x D230 (mm)

MSY-AMZ18VF



H295 x W1000 x D230 (mm)

MSY-AMZ22/24VF



H330 x W1100 x D250 (mm)

Outdoor Unit

MUY-AMZ13VF



H557 x W781 x D241 (mm)

MUY-AMZ18VF



H557 x W781 x D281 (mm)

MUY-AMZ22/24VF



H594 x W810 x D301 (mm)
H645 x W810 x D301 (mm)

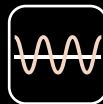
FEATURES & FUNCTIONS



DC Motor



Auto
Restart



Vector Wave
Eco Inverter



24-Hour On/Off
Programmable timer



Twin Rotary
Compressor



Micro Particle
Catching Filter



Voltage Range
(160-264V)



New IDU
Design



Horizontal
vane swing



Auto Vane
Control



Auto Fan
Speed Mode



Error Code on
IDU



Sleep
Mode



Turbo Cooling
Mode



Blue Fin
(Condenser ODU)

SPECIFICATIONS

Type	Inverter Cooling only					
Model name	Indoor unit		MSY-AMZ13VF	MSY-AMZ18VF	MSY-AMZ22VF	MSY-AMZ24VF
	Outdoor unit		MUY-AMZ13VF	MUY-AMZ18VF	MUY-AMZ22VF	MUY-AMZ24VF
Cooling Capacity	Rated	Watt	3460	5170	6600	7000
Tonnage		TR	1 Ton	1.5 Ton	1.9 Ton	2 Ton
Star Rating			3 Star	3 Star	3 Star	3 Star
Energy Efficiency	ISEER		4.43	4.50	4.50	4.60
Power Input	Rated (Min-Max)	Watt	362/995	533/1462	675/1885	681/2020
Air Volume	Indoor unit (Turbo)	CFM	288/335/356/377/471	412/474/506/535/618	470/508/543/577/824	470/508/543/577/824
Noise Level	Indoor unit (Quite-Lo-Med-Hi-Turbo)	dBA	30/37/39/43/46	39/40/41/44/48	40/42/43/45/50	42/43/44/45/50
Refrigerant			R32			
Power supply	Voltage	V	230V			
Power Input Range	Voltage	V	140-290V			
Operating Current	Rated	A	4.50	6.70	8.60	9.30
Indoor unit	Net Dimensions (H x W x D)	mm	295x800x230	295x1000x230	330x1100x250	
	Net Weight	kg	9.50	11.00	14.50	14.50
Outdoor unit	Net Dimensions (H x W x D)	mm	557x781x241	557x781x281	594x810x301	645x810x301
	Net Weight	kg	23.30	24.50	29.30	36.70
Pipe Size	Diameter Liquid	mm (inches)	6.35 (1/4)			
	Diameter Gas	mm (inches)	9.53 (3/8)	12.7 (1/2)		
	Additional Refrigerant	gm	15g/m	15g/m	20g/m	20g/m
	Max.Length	m	15	15	15	20
	Max.Elevation	m	10	10	10	10
Ambient Operating Range		°C	48°			
Control wiring (Copper)	IDU to ODU	Core No. x Sq.mm	4 core x 1sq	4 core x 1.5sq	4 core x 2.5sq	4 core x 2.5sq
ODU Breaker Size		A	16	20	25	25

Rating conditions:

Cooling - Indoor: 27°C (80°F) DB, 19°F (66°F) WB, **Outdoor:** 35°C (95°F)

Refrigerant piping length (one-way): 3.0m

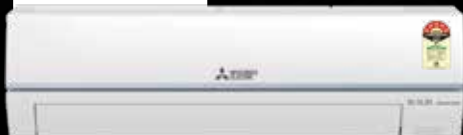
Total input based on the indicated voltage (indoor/outdoor): 1 phase 230V 50Hz.

THE PERFECT COMFORT RANGE



HIGH-WALL INVERTER SERIES

MSY-GZ



5/4-Star Cooling Only

MSY-GR(T)



4-Star Cooling Only

MSZ-HZ



3-Star Hot & Cold

MSY-RJZ



3-Star Cooling Only

MSY-JZ



3-Star Cooling Only

MSY-AMZ



3-Star Cooling Only

HIGH-WALL NON-INVERTER SERIES

MS-AGZ



2-Star Cooling Only

MS-AJZ



1-Star Cooling Only

Series
MSY-AMZ



MITSUBISHI ELECTRIC INDIA PVT. LTD.
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Central Avenue, Plot No. 27, Mahindra Industrial Park
Chennai Limited, Gummidipoondi Taluk, Peruvoyal Village,
Origins Mahindra World City, Tiruvallur, Tamil Nadu – 601206

TECHNICAL CENTRES

Ahmedabad: 079-67777861, Bengaluru: 080-40201600,
Chennai: 044-49232222, Delhi: 011-66057900,
Mumbai: 022-66116200

Customer Care (Toll Free)
1800 102 2626

For service support



For more details



- **Head Office**
- **Branch Offices**
- ▲ **Satellite Offices**
- ✱ **Technical Centres**
- # **Sales Offices**
- ★ **Manufacturing Facility**

*Map for reference purpose only.

BRANCH / SALES OFFICES

North Zone

Delhi: 011-66057900, Haryana: 085277 92569
Chandigarh: 0172-4601645, Ludhiana: 0161-4061654
Ghaziabad: 0120-4230692, Jaipur: 0141-4011109
Lucknow: 0522-4002607

West Zone

Mumbai: 022-66116200, Ahmedabad: 079-67777888
Indore: 0731-4098991, Nagpur: 712-2284020
Pune: 020-41555000, Rajkot: 0281-2585525
Vadodara: 0265-2314699, Surat: 0261-4003111

East Zone

Kolkata: 07086087007, Bhubaneswar: 09073949597
Patna: 07739857587, Raipur: 08817936264

South Zone

Chennai: 044-49232222, Bangalore: 09311768727
Coimbatore: 0422-4385606, Hyderabad: 040-43438888
Kochi: 0484-4862093, Vijayawada: 08449894567

SATELLITE OFFICES

North Zone

Agra: 09536900140, Dehradun: 08800878763
Kanpur: 09205987322, Varanasi: 09410245883

West Zone

Aurangabad: 07387777132, Bhopal: 09907135346
Goa: 09769627630

East Zone

Ranchi: 07677063849, Guwahati: 07086087007

South Zone

Hubli: 08448398012, Mangalore: 08448398012
Tirupati: 09319591931, Madurai: 9600923533
Vellore: 09500824622, Erode: 08448894663
Vizag (Visakhapatnam): 09205987308



*For E-waste Collection & Disposal process: Customer can get complete details of company process on collection, disposal of e-waste product (i.e. 'Mitsubishi Electric' make Air Conditioner / Printers) and incentive / exchange scheme for returning of e-waste on Company website (www.MitsubishiElectric.in) or Toll free number 1800 102 2626.