MITSUBISHI ELECTRIC

Changes for the Better

AIR CONDITIONERS

Elevating *Comfort* to a Luxury Standard

MSY-*AMZ* Series



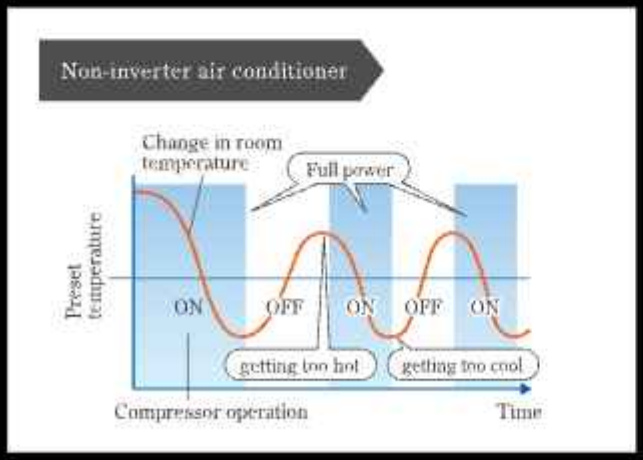
ADVANCED INVERTER TECHNOLOGY

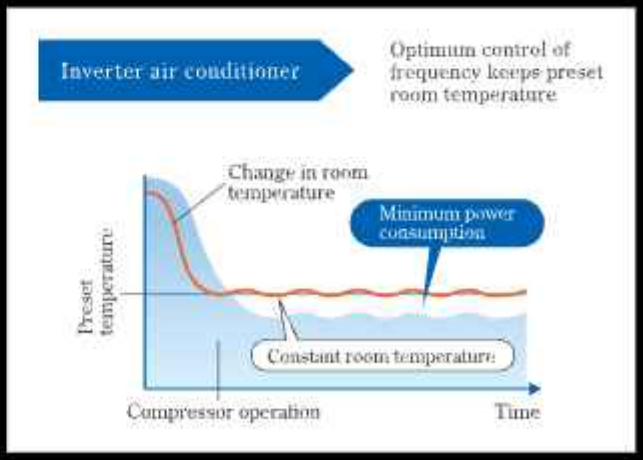
AMZ Series features advanced inverter technology developed through many years of experience. We have achieved powerful cooling with high energy efficiency to bring you optimal comfort.





Inverter operation comparison





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.

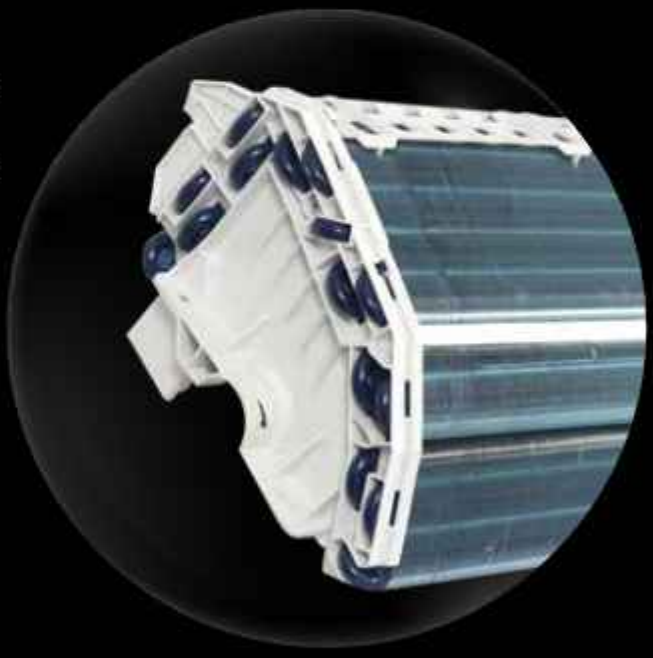
| DC Fan Motor

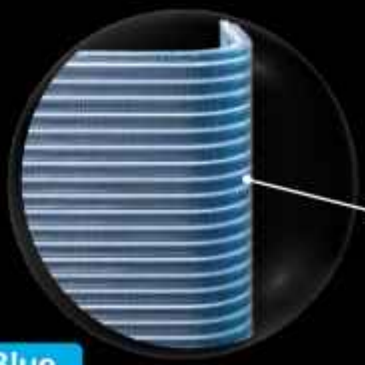


A highly efficient DC Fan motor drives the fan of the outdoor unit. Efficiency is much higher than an equivalent AC motor.

HYDROPHILIC BLUE COATING FOR INDOOR UNITS

Hydrophilic Blue 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 and acts as a corrosion-resistant layer on the HVAC condenser and evaporator fins. It enhances heat exchanger efficiency by enabling condensation to spread evenly and drain quickly, thereby reducing moisture retention and inhibiting mold and bacteria growth. The coating also provides protection against corrosion caused by moisture, pollutants, and salt, particularly in humid or coastal areas.







Blue fin

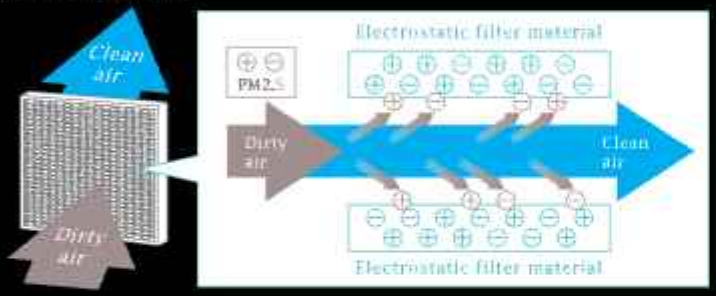
(anti corrosion)

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.



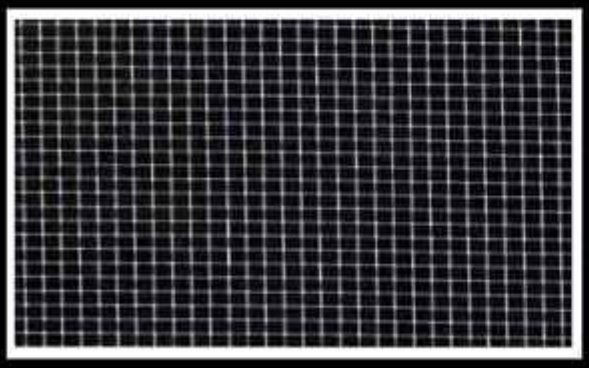
Electrostatic material removes PM 2.5 from the air and absorbs it when passing through the filter.



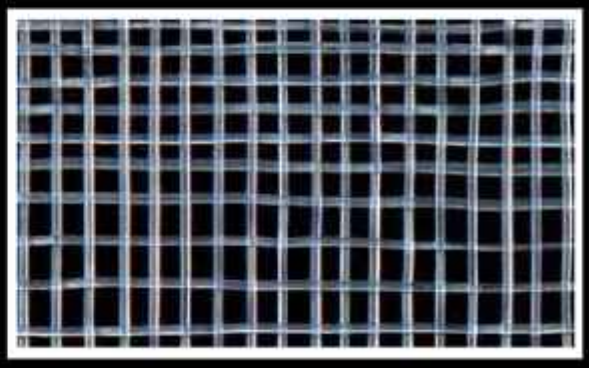
EFFECTIVELY ELIMINATE PM 2.5 AND CATCH SMALLER DUSTS

[Comparison of Density of filters]

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



High Density Filter



Standard Filter



4 WAY SWING
UP & DOWN/LEFT & RIGHT

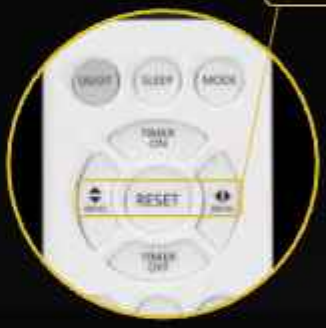
All Vanes can be moved left & right/up & down
with the remote controller.

Horizontal Airflow & Vertical Airflow

Four-way swing ensures balanced, comfortable,
and efficient cooling throughout the space.



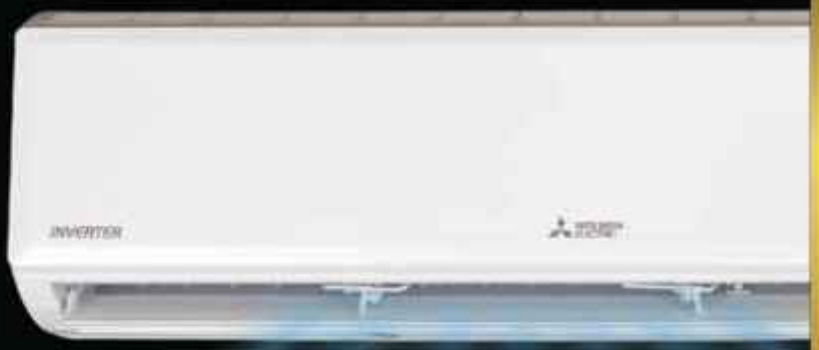
Vane
Control
Buttons



Automatic Vertical
& Horizontal Movement
4-Way Airflow

- Even cooling in every corner of the room
- Automatic adjustment of vane angles through remote
- 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 (140-290V)



New IDU Design



Horizontal vane swing



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 (Min-Max)	Watt	3460 (1690-3630)	5170 (2530-5400)	6600 (3230-6930)	7000 (3430-7350)
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 (Quiet-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	15gm per meter	15gm per meter	20gm per meter	20gm per meter
	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.mm	4 Core x 1.5sq.mm	4 Core x 2.5sq.mm	4 Core x 2.5sq.mm
ODU Breaker Size		A	16	20	25	25

Rated conditions:

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

*Refrigerant piping length : 3.0m

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

*Specifications may change as per product development

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

*Actual product may vary from the image

Available In

MITSUBISHI ELECTRIC

Changes for the Better

AIR CONDITIONERS



Series

MSY-AMZ



- Head Office
- Branch Offices
- Satellite Offices
- Technical Centres
- Sales Offices
- Manufacturing Facility

*Map for reference purpose only.

OUR PRESENCE

MITSUBISHI ELECTRIC INDIA PVT. LTD.

GURUGRAM HEAD OFFICE

3rd Floor, Tower A, Global Gateway, M.G. Road,
Gurugram – 122002, Haryana, India.
Tel: +91 (124) 673 9300

DELHI REGISTERED OFFICE

B1/G3, 4th Floor, Mohan Cooperative Industrial Estate,
New Delhi – 110044
Tel: +91 (124) 673 9300

MANUFACTURING FACILITY

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: 080-65301600,
Chennai: 044-49232222, Delhi: 011-66057900

BRANCH / SALES OFFICES

North Zone
Delhi: 011-66057900, Haryana: 085277 92589
Chandigarh: 0172-4601645, Ludhiana: 0161-4061654
Ghaziabad: 0120-4230892, 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, Bengaluru: 08065301600
Coimbatore: 0422-4385606, Hyderabad: 040-43438888
Kochi: 0484-4862093, Vijayawada: 866-2955567

SATELLITE OFFICES

North Zone
Agra: 09536900140, Dehradun: 08800878763
Kanpur: 09205987322, Varanasi: 09410245883
Gorakhpur: 7992074100

West Zone
Aurangabad: 07387777132, Bhopal: 09907135346
Goa: 09769627630

East Zone
Ranchi: 07677063949, Guwahati: 07086087007

South Zone
Hubli: 08123751446, Tirupati: 09319591931
Madurai: 9095348339, Vellore: 09500824622
Erode: 08448894883, Vizag (Visakhapatnam): 09205987308

Customer Care (Toll Free)
1800 102 2626

For service support

For more details

Eco Awards Collection & Disposal process. Customer can get complete details of consumer goods collection, disposal and recycling process at Mitsubishi Electric Indoor Air Conditioner Premises and member's exchange scheme for recycling of goods on Company website (www.MitsubishiElectric.co.in) or Toll Free number 1800 102 2626