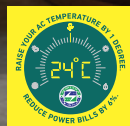


Elevating
Comfort
to a Luxury Standard

MSY-*AMZ*
Series



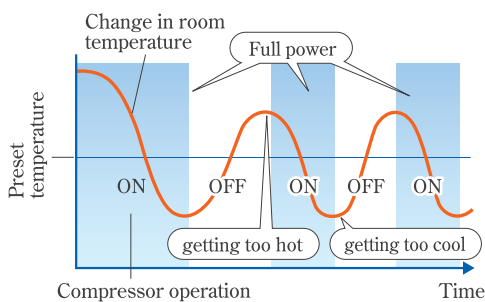
All New Inverter Technology

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.



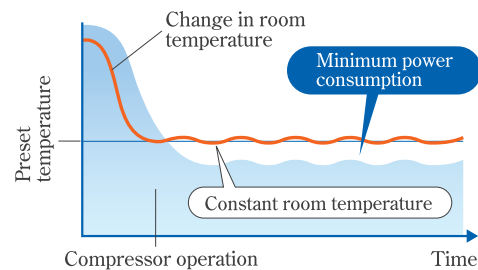
Inverter operation comparison

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.

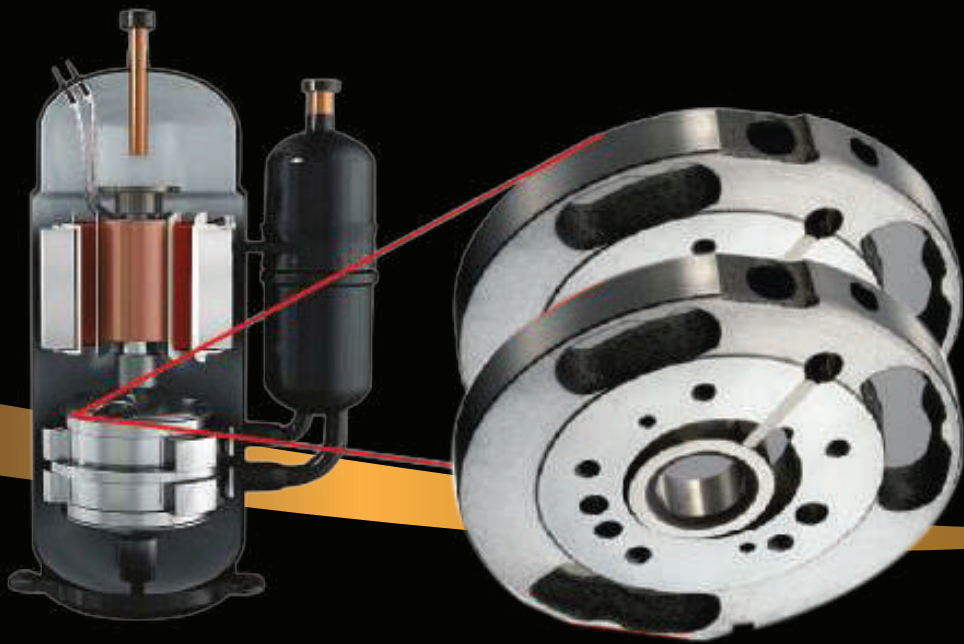
TWIN ROTARY COMPRESSOR

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.

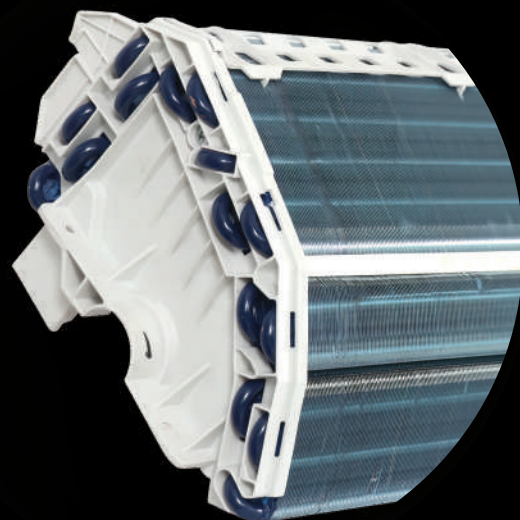
| DC Fan Motor



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

Anti-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)

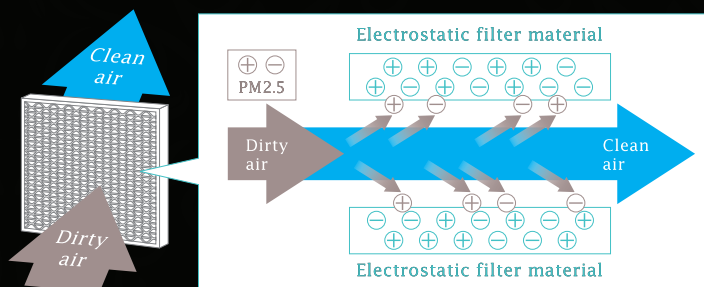
Highly effective Anti-corrosion
HEX is used in all outdoor units.



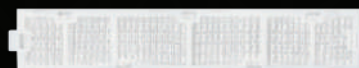
MICRO PARTICLE CATCHING FILTER AND HIGH DENSITY FILTER



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



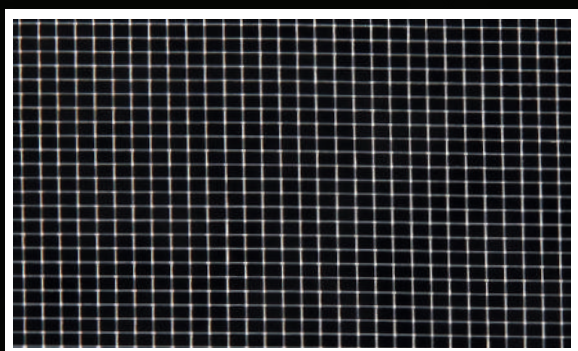
Electrostatic material removes PM 2.5 from the air and absorbs it when passing through the filter.



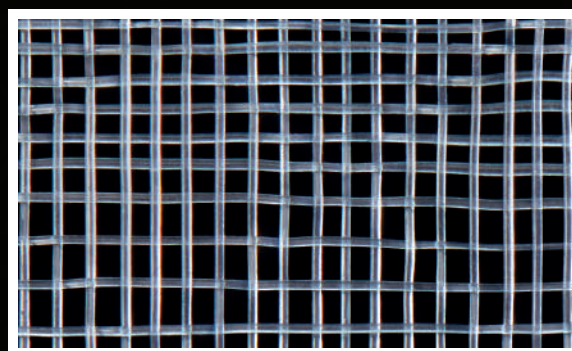
EFFECTIVELY ELIMINATE PM2.5 AND CATCH SMALLER DUSTS

[Comparison of Density of filters]

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



High Density Filter



Standard Filter



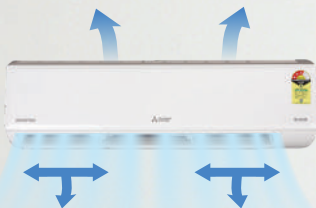
AUTO VANE CONTROL

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.

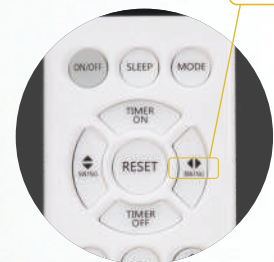


Automatic Vertical & Horizontal Movement 4-Way Airflow



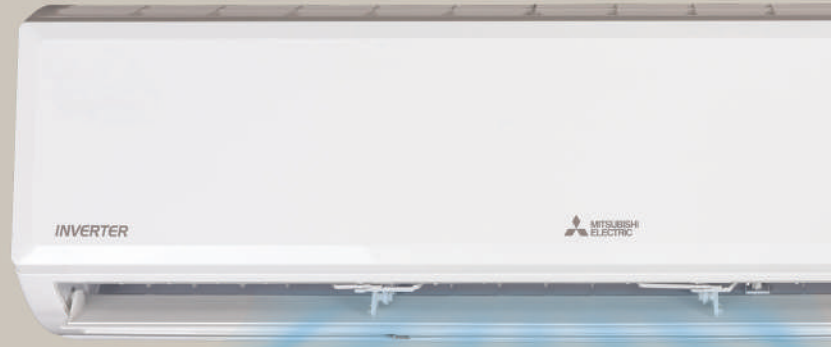
Mode-Based Vane Movement

Auto Vane Control Button

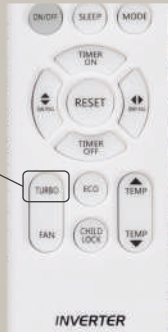


- » Even cooling in every corner of the room
- » Automatic adjustment of vane angles (no manual setting needed)
- » Improved comfort by avoiding direct airflow on one spot
- » Better efficiency through optimized air circulation

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 (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 | 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 |

Rated conditions:

*Cooling - Indoor: 27°C (80°F) DB, 19°F (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



5/4-Star Cooling Only



4-Star Cooling Only



3-Star Hot & Cold



3-Star Cooling Only



3-Star Cooling Only



3-Star Cooling Only

HIGH-WALL NON-INVERTER SERIES



2-Star Cooling Only



1-Star Cooling Only

*Actual product may vary from the image



**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.

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

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



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, Bengaluru: 09311768727
Coimbatore: 0422-4385606, Hyderabad: 040-43438888
Kochi: 0484-4862093, Vijaywada: 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.