



Changes for the Better

AIR CONDITIONERS

JZ Series

MITSUBISHI ELECTRIC
Air Conditioners
New Mr.Slim Inverter



All MITSUBISHI ELECTRIC Inverter Technology

JZ Series features advanced inverters that utilize MITSUBISHI ELECTRIC's cutting edge technology, developed worldwide through many years of experience. We have achieved powerful cooling with high energy efficiency to bring you optimal comfort.

COOLING OPERATION RANGE

UPTO
52°C

Proper operation is ensured at outdoor temperatures up to 52°C with the optimized heat exchanger and the PCB's improved cooling performance.

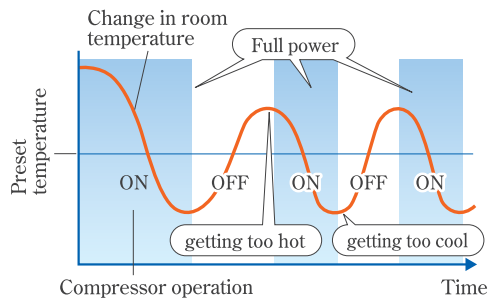
Even under harsh tropical conditions, this unit can maintain its rated cooling capacity and achieve comfortable air conditioning.



■ Inverter Operation Comparison

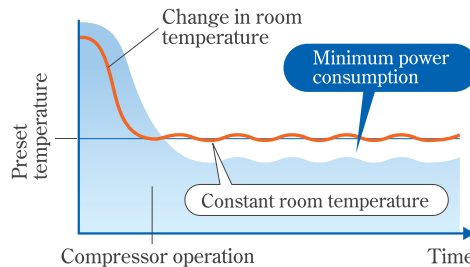
Non-inverter air conditioner

On/Off operation of compressor keeps room temperature



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.



MITSUBISHI ELECTRIC Inverter Power Module

The Inverter Power Module is the brain of the air conditioner. It minimizes power consumption by adjusting the frequency.



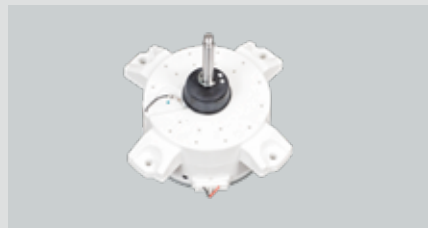
MITSUBISHI ELECTRIC Propeller Fan and DC Fan Motor

Propeller Fan



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

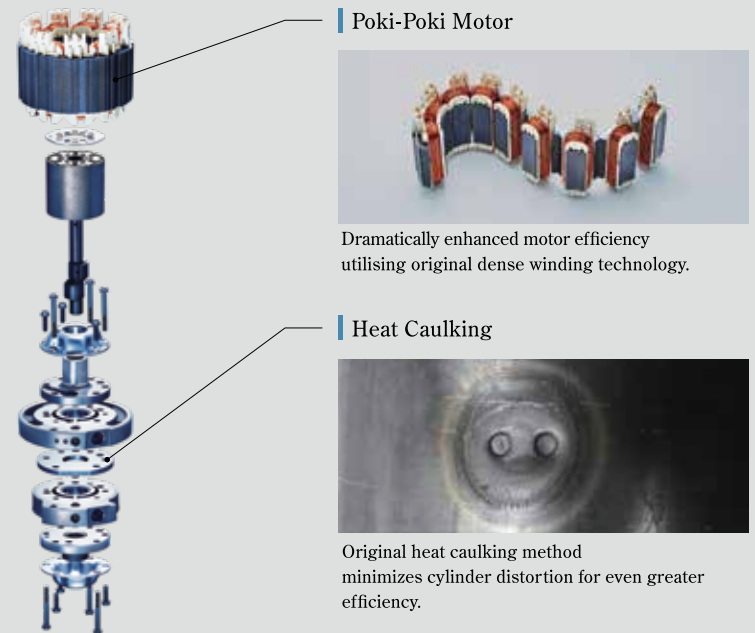
DC Fan Motor



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

MITSUBISHI ELECTRIC Compressor

The compressor is the heart of the air conditioner. Employing MITSUBISHI ELECTRIC's proprietary technology, we are able to achieve both high efficiency and high power.



Poki-Poki Motor



Dramatically enhanced motor efficiency utilizing original dense winding technology.

Heat Caulking



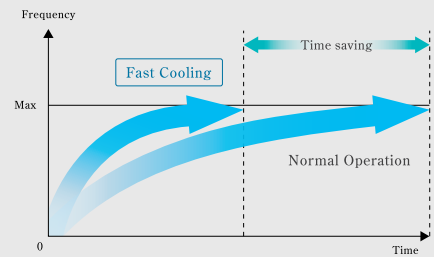
Original heat caulking method minimizes cylinder distortion for even greater efficiency.

Fast Cooling

Fast Cooling is the most essential desire in air conditioner. MITSUBISHI ELECTRIC's Fast Cooling brings you fast refreshment in your life.

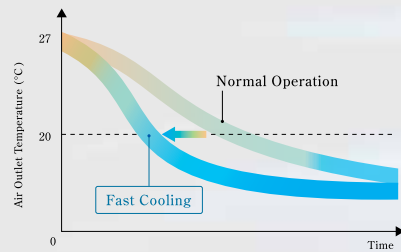


01 Compressor Frequency Image



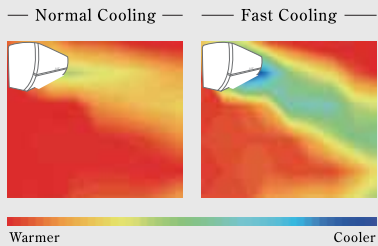
Pressing the Fast Cooling button makes the compressor reach its maximum frequency remarkably faster than in Normal Operation.

02 Air Outlet Temperature



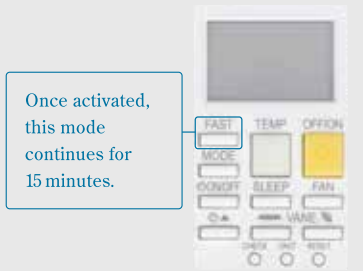
Lowers the air outlet temperature faster than Inverter Normal Operation.

03 Thermography



Quickly cools the room with highest air volume, and low-temperature airflow at 2min. after operation.

04 Fast Cooling Button



Once activated, this mode continues for 15 minutes.

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

Easy Clean

The filter can be removed from the front top for quick cleaning without opening the front flap.

— Dual Barrier Coating*

Dual Barrier Coating prevents dust and greasy dirt from getting into the air conditioner.

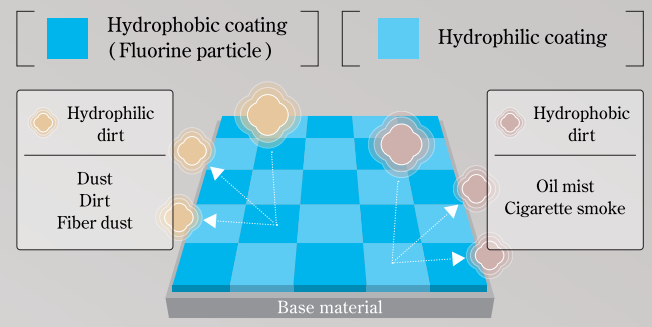
* Only for Fan



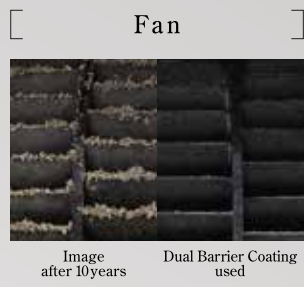
Dual Barrier Coating

State-of-the-art Coating Technology

Dual Barrier repels both types of dirt



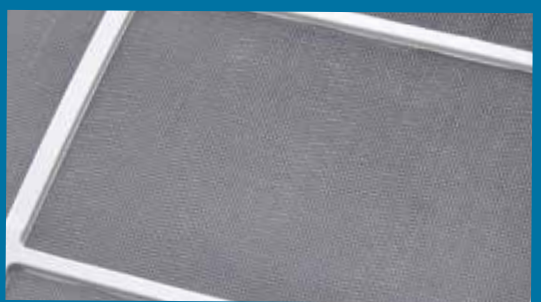
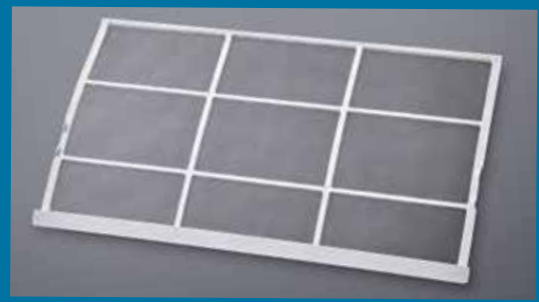
Comparison of dirt on Fan



Coating prevents dust and greasy dirt from accumulating on the inner surfaces of the indoor unit, keeping your air conditioner clean. The two-layer coating consists of a hydrophilic surface and a hydrophobic surface. The hydrophilic layer repels oily dirt, while the hydrophobic layer prevents fiber and dust from adhering.

— V Air Filter

New Anti-Virus Pre-Filter is available (standard built-in), which has suppressing effect even for SARS-CoV-2.*1 (Test result)



*1 Tested Organization: Japan Textile Products Quality and Technology Center Test Report No.21KB-080331-2 Test Method: JIS L 1922
Test result: Neutralized 99% of SARS-CoV-2 in 2 hours

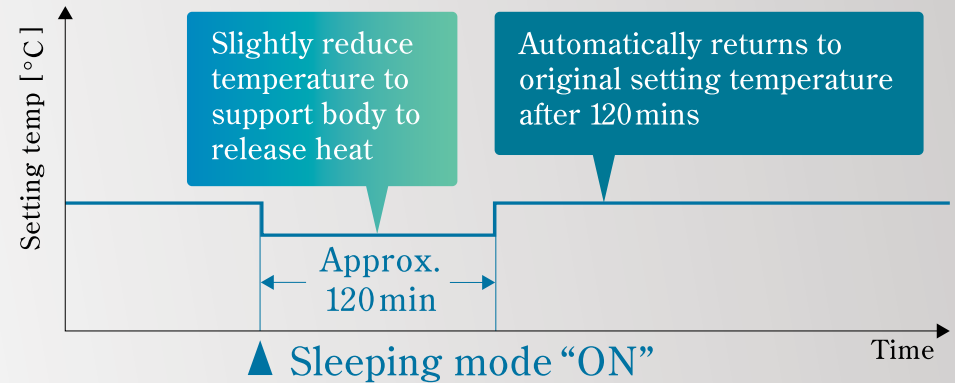
Blue Fin

Blue Fin technology features epoxy-coated coils that resist corrosion and humidity, enhancing durability in harsh environments. This hydrophilic coating minimizes water retention, preventing bacteria and improved cooling efficiency.



Sleep Mode

Sleep mode can support body to release heat by operating slightly lower temperature than set temperature for 2 hours.



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.



New simple & stylish design Remote Controller



Error code display



Error codes are displayed on the remote controller for trouble shooting.

* For the details, please refer to the Operating Instructions.

JZ Series Introduced Advanced Design & Easy Maintenance



JZ SERIES

Advanced Basic Structure

Grill / Panel structure



Combined structure makes easy to take grill / panel off.

Easy Installation
Easy Maintenance

Shorter space between indoor unit and ceiling (Left pipe)

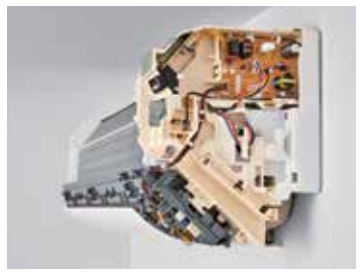
* For the details, please refer to the Installation Manual.



Indoor unit can be installed close (59mm) to ceiling when taking off combined grill / panel.

Easy Maintenance

Access to electronic circuit board



Combined structure realize easy access to electronic circuit board by small unit base and less process.

Easy Installation

Back plate with a hole



Center pipe installation can be worked smoothly by taking out the pipe from the back with original knockout hole.

Easy Installation

An earth wire connection



An earth wire can be connected by inserting the wire under the earth clamp and tightening the screw, without processing the end of the wire.

Easy Installation

Spacer



Corner of package can lift indoor unit and make space, which makes installation stable.

MSY-JZ SERIES

SPECIFICATIONS

Type		Inverter Cooling only			
Model name	Indoor unit	MSY-JZ13VF	MSY-JZ18VF	MSY-JZ22VF	
	Outdoor unit	MUY-JZ13VF	MUY-JZ18VF	MUY-JZ22VF	
Cooling Capacity*	Rated (Min-Max)	Watt	3600 (900-3800)	5200 (1500-5300)	6600 (1600-6600)
Star Rating			3-Star	3-Star	3-Star
Energy Efficiency	ISEER		4.30	4.30	4.30
Power Input	Rated (Min-Max)	Watt	1145 (300-1400)	1650 (400-2100)	2100 (400-2100)
Air Volume	Indoor unit (Quiet-Lo-Med-Hi-SHi)	CFM	167-242-324-371-414	282-373-458-566-676	278-405-501-532-778
Noise Level	Indoor unit (Quiet-Lo-Med-Hi-SHi)	dBA	22-28-36-40-43	26-33-40-44-49	27-37-41-45-53
Refrigerant				R32	
Power supply	Voltage	V	230V		
Power Input Range	Voltage	V	160-264V		
Operating Current	Rated (Min-Max)	A	5.4 (1.3-7.0)	7.6 (2.1-9.2)	9.2 (2.2-9.2)
Indoor unit	Net Dimensions (H x W x D)	mm	290x799x233	290x999x233	
	Net Weight	kg	9.0	10.40	11.0
Outdoor unit	Net Dimensions (H x W x D)	mm	538x699x249	545x780x294	
	Net Weight	kg	21.0	28.0	28.0
Pipe Size	Diameter Liquid	mm (inches)		6.35 (1/4)	
	Diameter Gas	mm (inches)	9.52 (3/8)	12.7 (1/2)	
	Additional Refrigerant	gm per meter	10 gm per meter		
	Max.Length	m	20	20	30
	Max.Elevation	m	12	12	12
Ambient Operating Range		°C	21°-52°		
Control wiring (Copper)	ODU to IDU	Core No. x Sq.mm	4 Core x 1sq.mm		
Power cable (Copper)	ODU	Core No. x Sq.mm	3 Core x 1sq.mm	3 Core x 1sq.mm	3 Core x 2.0sq.mm
ODU Breaker Size		A	10	10	16

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

MSY-JZ SERIES (MR.SLIM)

MSY-JZ 13VF



H290 x W799 x D233 (mm)



H538 x W699 x D249 (mm)



Remote Controller

MSY-JZ 18/22VF



H290 x W999 x D233 (mm)



H545 x W780 x D294 (mm)



Remote Controller

FUNCTIONS & FEATURES



Magnetic Flux Vector Sine Wave Drive



Joint Lap DC Motor



Vector Wave Eco Inverter



Heat Caulking Fixing Method



Reluctant DC Rotary Compressor



Micro Particle Catching Filter (Optional part)



V-Air Filter



I Feel Model



Dual Barrier Coating Fan



Electrostatic Anti-allergy Enzyme Filter (Optional)



Ambient temperature range (Up to 52°C)



Auto Restart



Voltage Range (160-264V)



New IDU Design



12-Hours On/Off Programmable timer



Fast Cooling Mode



Auto Fan Speed Mode



Long Airflow



Horizontal vane swing



Vane Control Left & Right



Error Code display on Remote Controller



New Remote Controller



Luminous Button



Sleep Mode



Blue Fin (Condenser ODU)



THE PERFECT COMFORT RANGE

HIGH-WALL INVERTER SERIES

MSY-GZ



5/4-Star Cooling Only

MSY-GR(T)



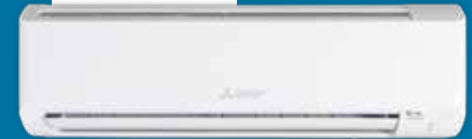
4-Star Cooling Only

MSZ-HZ



3-Star Hot & Cold

MSY-RJZ



3-Star Cooling Only

MSY-JZ



3-Star Cooling Only

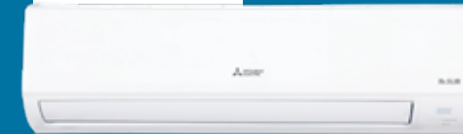
MSY-AMZ



3-Star Cooling Only

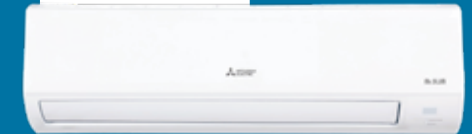
HIGH-WALL NON-INVERTER SERIES

MS-AGZ



2-Star Cooling Only

MS-AJZ



1-Star Cooling Only

Available In



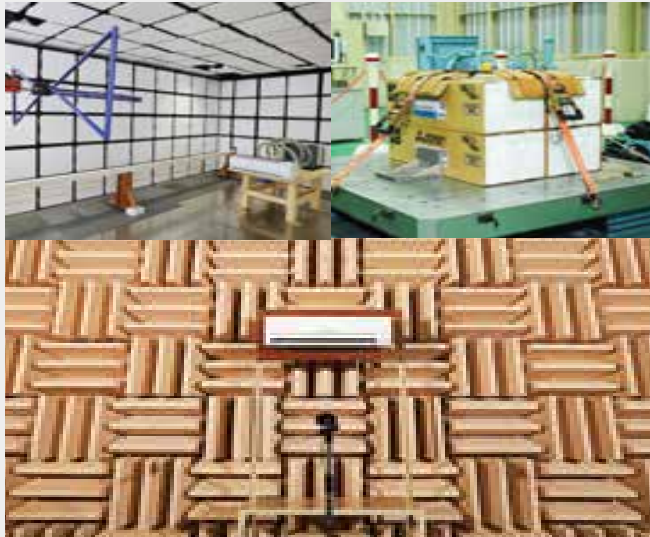
Mitsubishi MElectric Quality

What is MITSUBISHI ELECTRIC Quality?

MEQ represents our dedication to excellence in developing & manufacturing exceptional, eco-friendly home appliances, amazing industrial products, reliable public infrastructure systems and inspiring space technologies which are truly out of this world and there's so much more. When you see the MEQ logo, you know something good is being created.

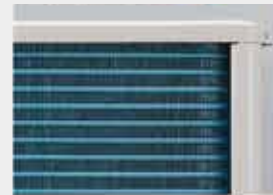
Development

Taking into account the various harsh environments around the world, at MITSUBISHI ELECTRIC we have established uniquely strict quality control standards & various quality evaluation tests for our products.



Designs

In order to ensure our customers can use our products with peace of mind and for a long time, we select high-quality durable parts and invest great care when designing and assembling our products.



A special coating is applied to the heat exchanger to increase corrosion toughness.



Ensure its reliable operation and preventing fire accident in case of short circuit.



Special coating prevents any damages from humidity and insects.



Anti-rust painting & galvanized steel protect cabinet even under harsh environment.



MITSUBISHI ELECTRIC PCB can resist high voltage up to 450V.



MITSUBISHI ELECTRIC Inverter can be smoothly operated even in 160V - 264V.



Changes for the Better
AIR CONDITIONERS



Series
MSY-JZ

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: 080-40201600,
 Chennai: 044-49232222, Delhi: 011-66057900,
 Mumbai: 022-66116200

For service support



Customer Care (Toll Free)
1800 102 2626



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

*Map for reference purpose only.

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: 08065301600
 Coimbatore: 0422-4385606, Hyderabad: 040-43438888
 Kochi: 0484-4862093, Vijaywada: 08498894567

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.