

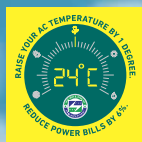


Changes for the Better

AIR CONDITIONERS

JZ Series

MITSUBISHI ELECTRIC
Air Conditioners
New Mr.Slim Inverter



All MITSUBISHI ELECTRIC Inverter Technology

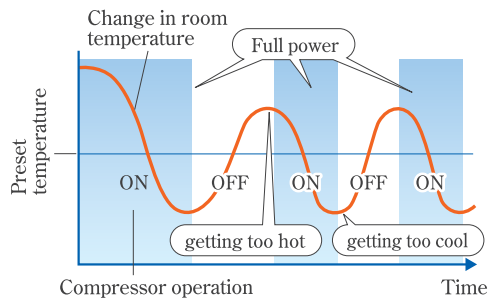
JZ Series features advanced inverters that utilize MITSUBISHI ELECTRIC's cutting edge technology, developed worldwide through many years of experience. We have achieved powerful cooling with high energy efficiency to bring you optimal comfort.



■ Inverter operation comparison

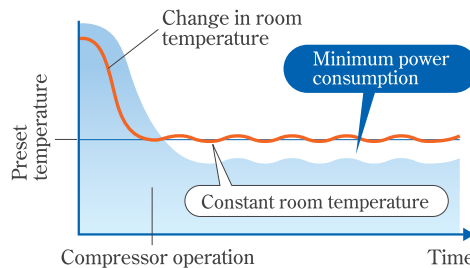
Non-inverter air conditioner

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.



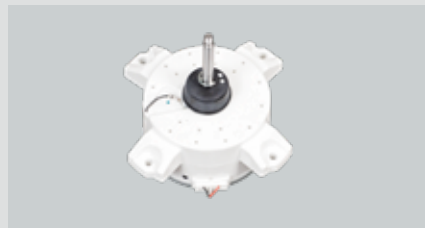
MITSUBISHI ELECTRIC Propeller Fan and DC Fan Motor

Propeller Fan



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

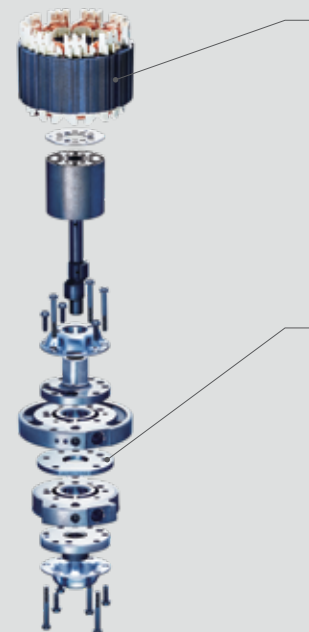
DC Fan Motor



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



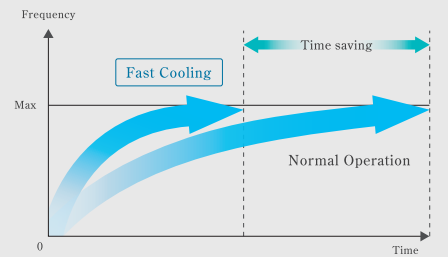
Original heat caulking method minimizes cylinder distortion for even greater efficiency.

— Fast Cooling

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

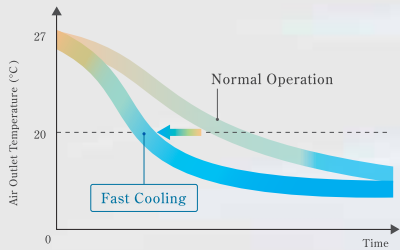


01 | Compressor Frequency image



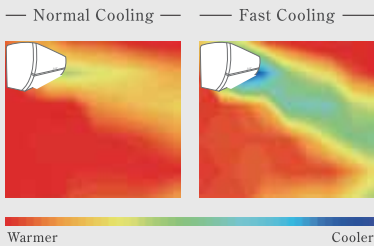
Pressing the Fast Cooling button makes the compressor reach its maximum frequency remarkably faster than in Normal Operation.

02 | Air Outlet Temperature



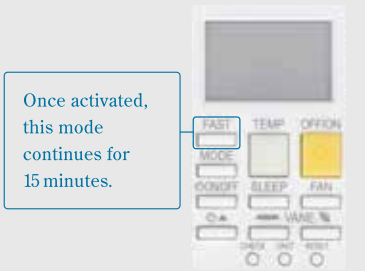
Lowens the air outlet temperature faster than Inverter Normal Operation.

03 | Thermography



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

04 | Fast Cooling button



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

Easy Filter Removal Towards
the Front for Quick cleaning without
opening the Front Flap

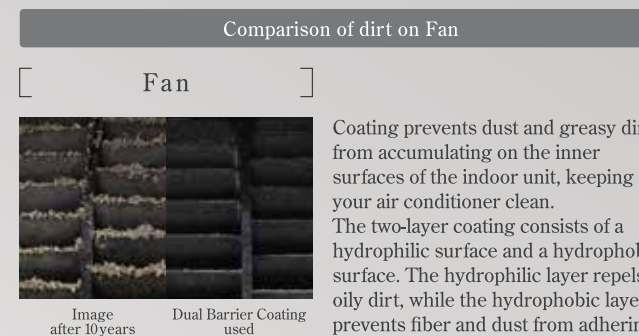
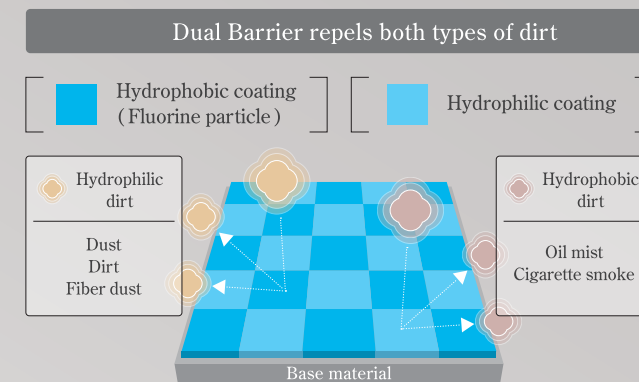
— Dual Barrier Coating*

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

* Only for Fan

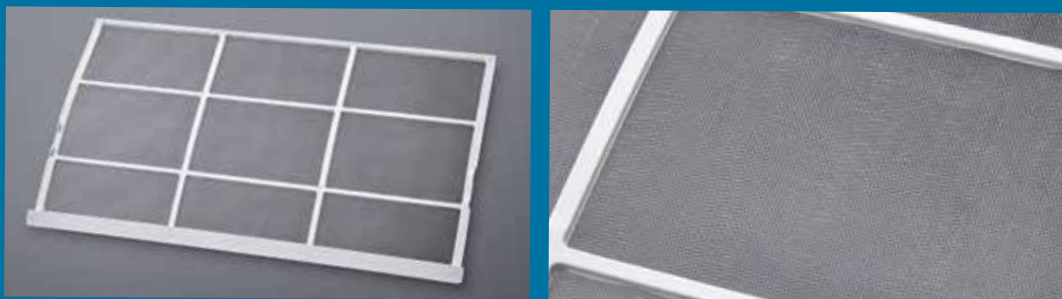


State-of-the-art coating technology



— 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: Neutralised 99% of SARS-CoV-2 in 2 hours

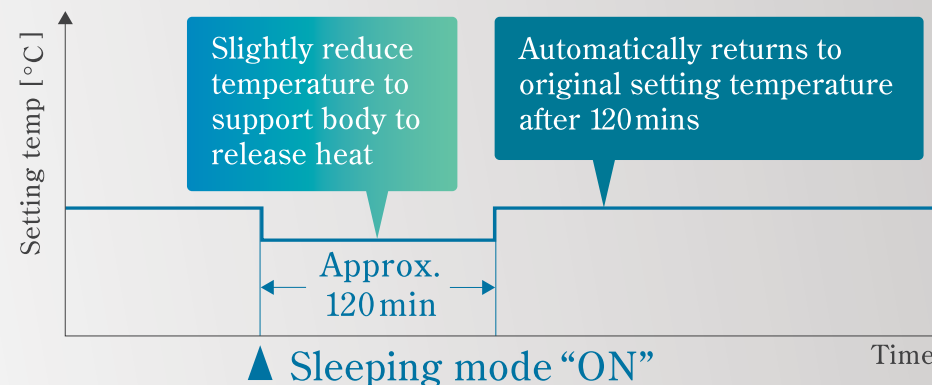
Blue Fin

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 2hours.



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 only by insert
wire under the earth clamp and tightening
a screw without process the end of 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	Watt	3600	5200	6600
Tonnage		TR	1 Ton	1.5 Ton	1.9 Ton
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	10g/m		
	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 1sq.		
Power cable (Copper)	ODU	Core No. x Sq.mm	3 Core 1sq.	3 Core 1sq.	3 Core 2.0sq.
ODU Breaker Size		A	10	10	16

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.

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°)



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



Auto 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

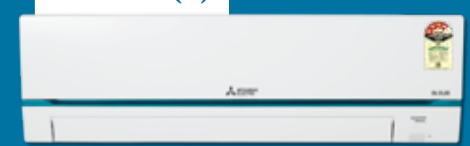
HIGH-WALL INVERTER SERIES

MSY-GZ



5/4-Star Cooling Only

MSY-GR(T)



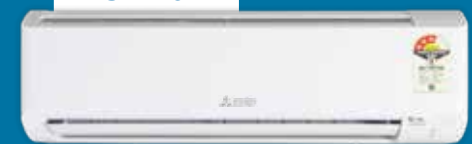
4-Star Cooling Only

MSZ-HZ



3-Star Hot & Cold

MSY-RJZ



3-Star Cooling Only

MSY-JZ



3-Star Cooling Only

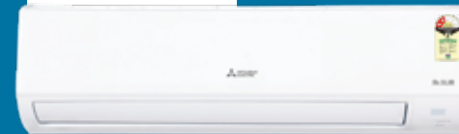
MSY-AMZ



3-Star Cooling Only

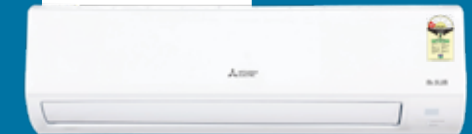
HIGH-WALL NON-INVERTER SERIES

MS-AGZ



2-Star Cooling Only

MS-AJZ



1-Star Cooling Only



Series
MSY-JZ

MITSUBISHI ELECTRIC INDIA PVT. LTD.

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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



The E-waste Collection & Disposal process: Customer can get complete details of company process on collection, disposal of e-waste products from Mitsubishi Electric India 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.



- 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: 079-67777868
Indore: 0731-4098991, Nagpur: 712-2284020
Pune: 020-41555000, Rajkot: 0281-2585525
Vadodra: 0265-2314699, Surat: 0261-4003111

East Zone

Kolkata: 07086087007, Bhubaneswar: 099073949597
Patna: 07739857587, Raipur: 08817938264

South Zone

Chennai: 044-49232222, Bangalore: 08311768727
Coimbatore: 0422-4365606, Hyderabad: 040-43438688
Kochi: 0984-4862093, Vijayawada: 08498894567

SATELLITE OFFICES

North Zone

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

West Zone

Aurangabad: 07387777132, Bhopal: 09907135346
Goa: 09769627630

East Zone

Ranchi: 07677063848, Guwahati: 07096087007

South Zone

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

For more details

