


Changes for the Better

 **MITSUBISHI
ELECTRIC**
AIR CONDITIONERS

JS
Series



**STRONG ON COOLING
BIG ON SAVINGS**



MITSUBISHI ELECTRIC

Advanced ME Inverter Technology

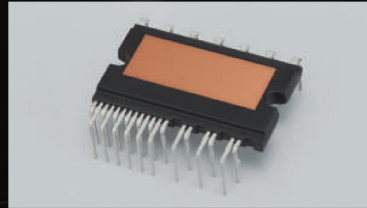
Mitsubishi Electric leverages its **cutting-edge production technologies** to manufacture world-class products in its **state-of-the-art assembly lines** ensuring complete peace of mind for its customers across the globe.

Capitalizing on our **century-old experience and expertise** in understanding customer needs, we manufacture our own key components like **Inverter Power Module, Compressors, Propeller Fan, DC Motors, etc.** Our **advanced inverter technologies** have enabled us to achieve powerful and desired cooling comfort without compromising on **energy efficiency**.



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 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.

MITSUBISHI ELECTRIC Propeller Fan and DC Fan Motor

| Propeller Fan

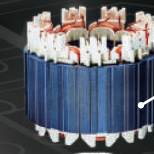


Newly designed propeller fan maximizes airflow efficiency. It delivers the most air volume with the least noise.

| 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.



| Poki-Poki Motor



Dramatically enhanced motor efficiency utilising original dense winding technology.



| Heat Caulking



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



Fast Cooling

Mitsubishi Electric, a global leader in air conditioning, understands its customer requirement better than anyone else.

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 Fast Cooling feature in our air conditioners provided just at the click of a button.



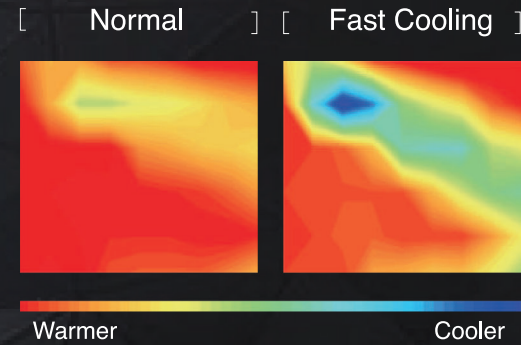
01 Fast Cooling button

Once activated, this mode continues for 15 minutes.



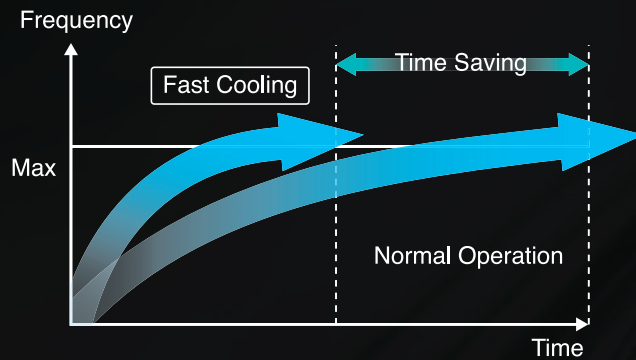
Fast Cooling mode starts immediately with the push of a button. According to preference, air direction can be changed freely.

02 Thermography



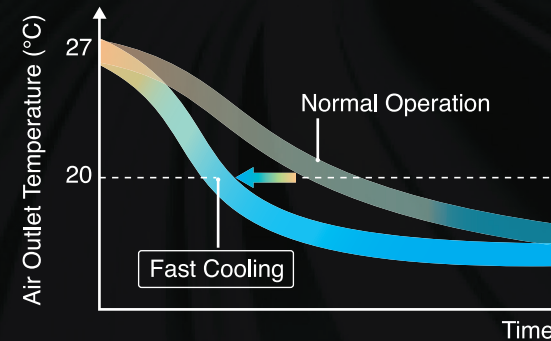
Quickly cools the room with the highest-volume and low-temperature airflow at 2 min. after operation

03 Compressor Frequency Image



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

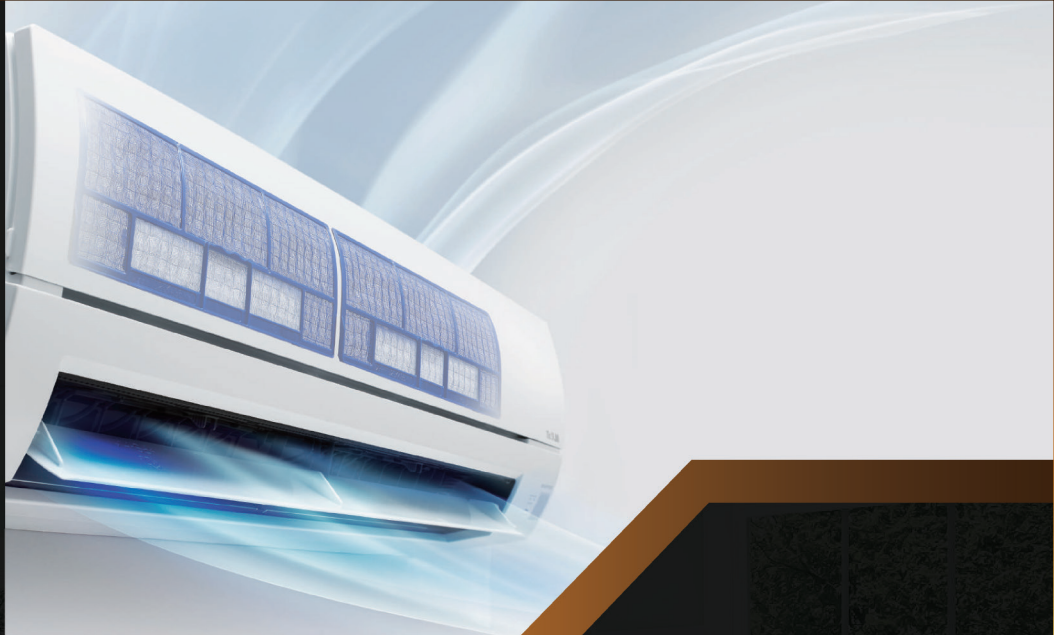
04 Air Outlet Temperature



Lowers the air outlet temperature faster than Inverter Normal Operation.

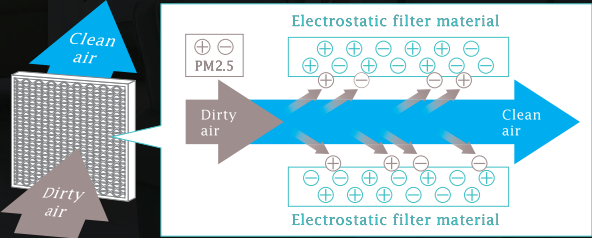
Micro Particle Catching Filter (PM 2.5) and High Density Filter

Effectively eliminates floating PM2.5 and smaller dust particles.



01 Micro Particle Catching Filter¹

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.

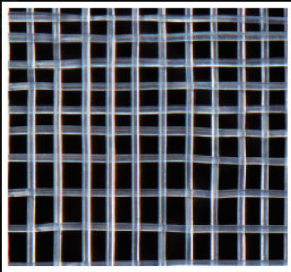


Model name:
MAC- EMF 515 FT-E

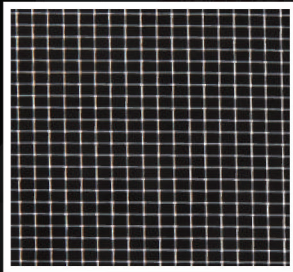
02 High Density Filter¹

High Density Filter can prevent smaller dust particles from entering inside air conditioners

Comparison of density of filters



Standard Filter



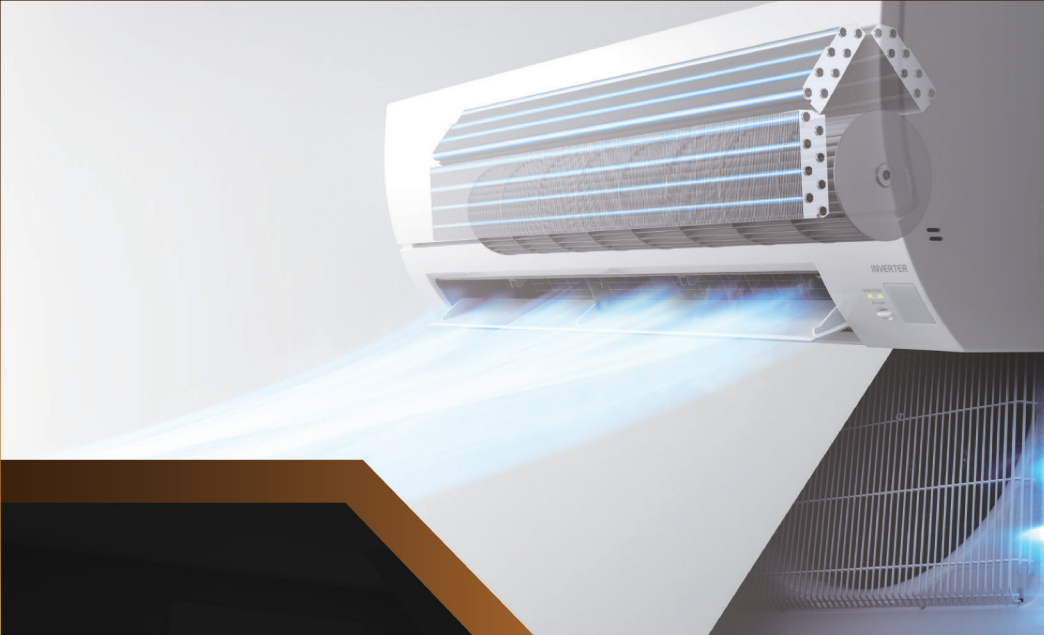
High Density Filter
(Optional parts)

Model name:
MAC- HDJ 519 FT-E | MAC- HDH 519 FT-E

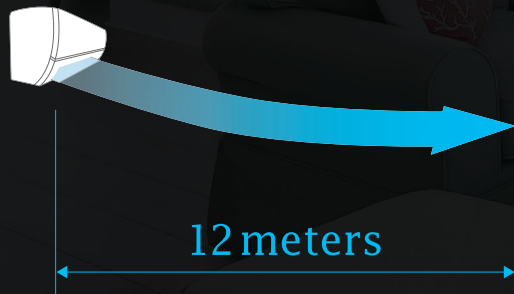
¹(Optional parts)

Long Airflow

Delivers substantial and comfortable airflow



Delivers Long and comfortable airflow upto 12m¹ suitable for living rooms



¹Available in MSY-JS18/22



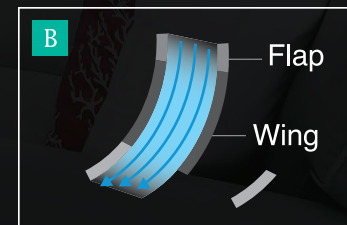
MITSUBISHI ELECTRIC launched the World's First* Room Air Conditioner equipped with Cross-Flow Fan in 1968.

*Based on Euromonitor International Research

Cross-Flow Fan Technology

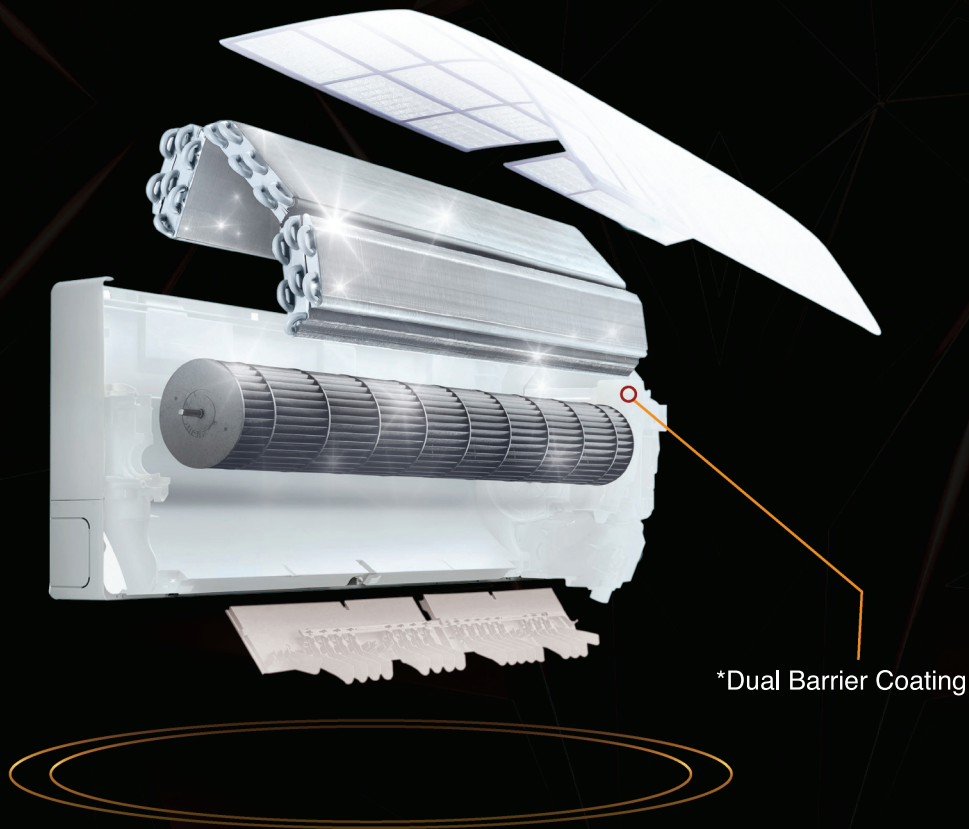


Our unique Cross-Flow Fan construction guides air smoothly along each rotating wing as it simultaneously intakes and expels air. This allows for highly efficient delivery of powerful and refreshing airflow.



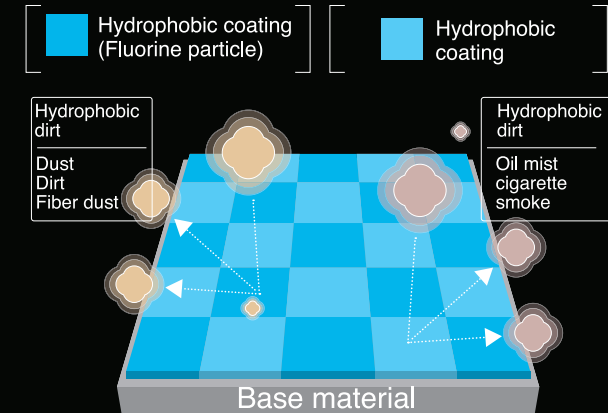
Dual Barrier Coating

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



State-of-the-art coating technology

Dual Barrier Coating both types of dirt



Comparison of Dirt on Fan

[Fan]



Image after 10 years | Dual Barrier Coating used

Dirt is generally classified into two groups. Dual Barrier Coating works as two-barrier coating with blended "fluorine particles" that prevent hydrophilic dirt penetration and "hydrophilic particles" that prevent hydrophobic dirt.

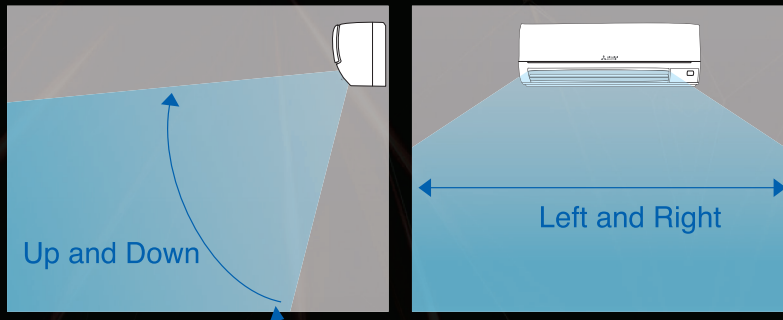
Auto Vane Control*

Up and Down / Left and Right

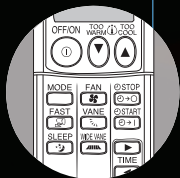
Auto vanes can be moved left and right, and up and down using the remote controller.

*Only for JS18/22VF

Horizontal Airflow/Auto Vane Control

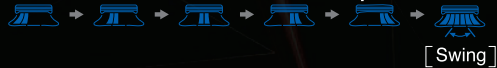


Auto Vane Control Button



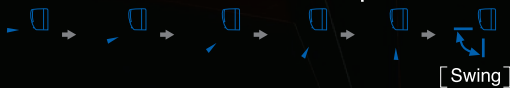
Left and Right

Auto vanes can be set at 5 position and swing.



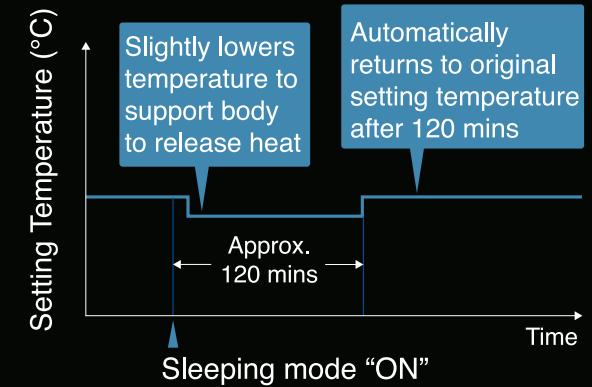
Up and Down

Auto vanes can be set at 5 position and swing.

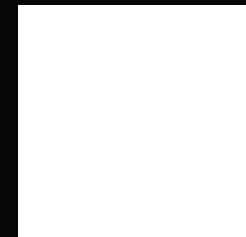


Useful functions

Sleep mode



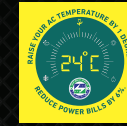
Error code display



Error codes are displayed on the remote controller for troubleshooting

*For details, please refer to the operating instructions

Functions & Features



Joint Lap DC Motor	Horizontal vane swing
Magnetic Flux Vector Sine Wave Drive	Auto Vane Control Left & Right (*Only for MSY-JS18/22VF)
Reluctant DC Rotary Compressor	
Heat Caulking Fixing Method	Auto Fan Speed Mode
Vector Wave Eco Inverter	Long Airflow (*Only for MSY-JS18/22VF)
PAM (Basic)	Fast Cooling Mode
Grooved Piping	24-Hour On/Off Programmable timer (*Only for MSY-JS18/22VF)
Anti-Mold Filter	12-Hour On/Off Timer (*Only for MSY JS13/15VF)
High Density Filter (Optional part)	Auto Restart
Micro Particle Catching Filter (Optional part)	Sleep Mode
Electrostatic Anti-allergy Enzyme Filter (Optional part)	Error Code display on Remote Controller
DUAL BARRIER COATING (Fan)	Luminous Button
Single Coating	Blue Fin for Outdoor Condenser (Corrosion toughness)

Product Specifications



- Rating Conditions Cooling - Indoor: 27°C (80°F) DB, 19°F (66°F) WB, Outdoor: 35°C (95°F)
- Refrigerant piping length (one-way): 5m (16.4ft)
- Total input based on the indicated voltage (Indoor/Outdoor): 1 phase 230V 50Hz.

Type			Cooling only			
	Indoor Unit		MSY-JS13VF	MSY-JS15VF	MSY-JS18VF	MSY-JS22VF
	Outdoor Unit		MUY-JS13VF	MUY-JS15VF	MUY-JS18VF	MUY-JS22VF
			R32			
Power Supply	Source		Single phase 230V, 50Hz			
			Outdoor power supply			
Capacity	Rated (Min-Max)	kW	3.6 (0.9-3.7)	4.2(1.2-4.2)	5.2 (1.5-5.7)	6.6 (1.6-6.7)
	TR	TR	1.00	1.25	1.50	1.9
Total Input	Rated (Min-Max)	kW	1.27(0.30-1.35)	1.44(0.35-1.59)	1.68(0.35-2.04)	2.01(0.34-2.20)
ISEER			4.15	4.23	4.23	4.22
SPL	Indoor Unit Quiet-Lo-Med-Hi-SHi	db(A)	22-28-36-40-43	26-31-37-42-46	26-33-40-44-49	27-37-41-45-51
Air Volume	Indoor Unit Quiet-Lo-Med-Hi-SHi	CFM	190-247-331-397-452	197-274-352-419-471	230-297-392-459-569	300-399-487-576-660
Operating Current	Rated	A	6	6.7	7.5	9.1
Indoor Unit	Dimensions (H x W x D)	mm	280 x 838 x 228	280 x 838 x 228	305 x 923 x 262	305 x 923 x 262
	Weight	kg	8.5	8.5	11.5	12.5
Outdoor Unit	Dimensions (H x W x D)	mm (inches)	538 x 699 x 249	538 x 699 x 249	550 x 800 x 285	714 x 800 x 285
	Weight	kg	21	24.5	31.5	37.0
Ext. Piping	Diameter Liquid	mm (inches)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Diameter Gas	mm (inches)	9.52(3/8)	9.52(3/8)	12.7(1/2)	12.7(1/2)
	Max. Length Out-In	m	20	20	20	30
	Max. Height Out-In	m	12	12	12	15
Star Rating (2018-2021)			3 Star	3 Star	3 Star	3 Star

Pre Filter			ANTI-MOLD/HIGH DENSITY FILTER (Optional)			
Air Cleaning Filter			ELECTROSTATIC ANTI-ALLERGY ENZYME FILTER (Optional), MICROPARTICLE CATCHING FILTER (Optional)			
Timer			12h	12h	24h	24h
Vertical Swing	Auto		-	-	O	O
	Manual		O	O	-	-
Control Wiring (Copper)	ODU to IDU	Core No. x Sq.mm	4C x 1.0	4C x 1.0	4C x 1.0	4C x 1.0
Power Cable (Copper)	To ODU	Core No. x Sq.mm	3Cx1.0	3C x 1.0	3C x 1.0	3C x 1.0
ODU Breaker Size	To ODU	A	10	10	10	16
Outdoor Guaranteed Operating Range (Min-Max)		°C	21-46	21-46	21-46	21-46

10
YEARS

Adding more years to a comfortable lifestyle

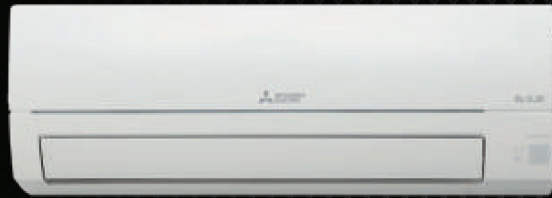
The entire range of Mitsubishi Electric Room Air conditioners
now comes with

WARRANTY UP TO 10 YEARS with NO HIDDEN CHARGES



MSY- JS Series

Indoor Unit



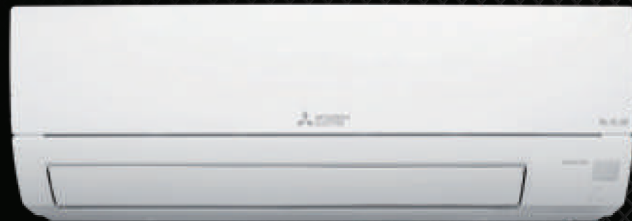
| MSY-JS 13/15VF

H280 x W838 x D228 (mm)

Remote Controller



Luminous buttons



| MSY-JS 18/22VF

H305 x W923 x D262 (mm)



Luminous buttons



Outdoor Unit



| MUY-JS 13/15VF

H538 x W699 x D249 (mm)



| MUY-JS 18VF

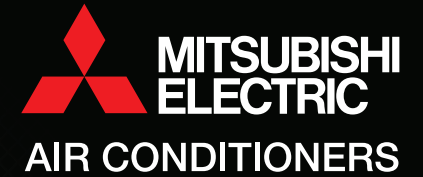
H550 x W800 x D285 (mm)



| MUY-JS 22VF

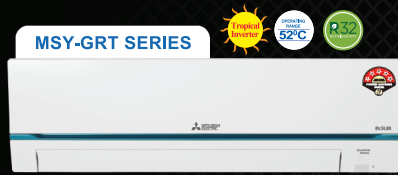
H714 x W800 x D285 (mm)

The Perfect Comfort Range



INVERTER RANGE

FIXED SPEED RANGE



- Fast Cooling Mode
- Dual Barrier Coating
- LED Backlit Remote
- PM 2.5 Filter



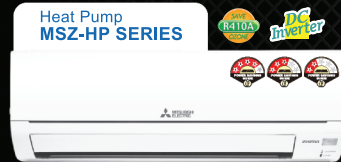
- Fast Cooling Mode
- Dual Barrier Coating
- High CFM*
- PM 2.5 Filter (optional)



- Dual Barrier Coating
- IDU Anti-Corrosion Coating
- Blue fin (Anti-corrosion)
- Wide & Long Air Flow*



- Econo Cool Smart Save
- Electronic Metal Housing Box
- Nano Platinum Filter
- Wide & Long Air Flow



- Heating and Cooling
- Silver-ionized Air Filter (optional)
- IDU Anti-corrosion Coating
- Long Airflow



- High CFM
- Single Phase
- Auto Vane Control
- Long Airflow



- Fast Cooling Mode
- Dual Barrier Coating
- Long Airflow
- Auto Vane Control



- Powerful Cool
- Electronic Metal Housing Box
- Nano Platinum Filter
- 50°C Operating Range



- Powerful Cool
- Dual Barrier Coating
- IDU Anti-Corrosion Coating
- Long Airflow*

The ME Edge :

Anti Mold | Nano Platinum Filter | Wide and Long Airflow | Auto Vertical/Horizontal Vane
Power Saving | 100% Imported | Unmatched Service | R32 Refrigerant | Blue Fin Condenser

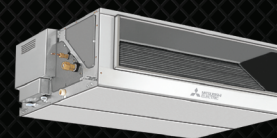
*Available in specific models



Air Curtain



Cassette Air Conditioner



Ducted Air Conditioner



Jet Towel

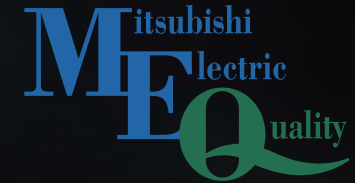


City Multi VRF



Floor Standing

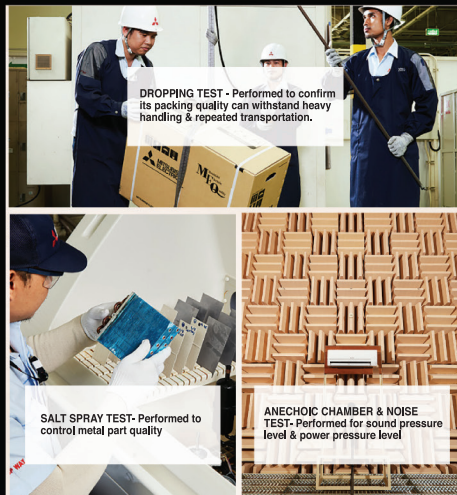
Mitsubishi Electric Quality



What is MITSUBISHI ELECTRIC Quality? MEQ represents our dedication to excellence in developing and 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 across the world – we at MITSUBISHI ELECTRIC have established uniquely strict quality control standards and various QC tests and Certifications for our entire product range.



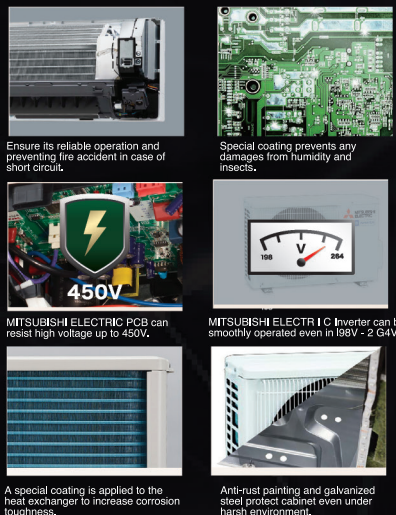
DROPPING TEST - Performed to confirm its packing quality can withstand heavy handling & repeated transportation.

SALT SPRAY TEST - Performed to control metal part quality

ANECHOIC CHAMBER & NOISE TEST - Performed for sound pressure level & power pressure level

Design

To ease our customers' minds we invest great care when designing. So that they may use our products with the reassurance that comes through high-quality parts manufacturing and impeccable assembly.



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

Special coating prevents any damages from humidity and insects.

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

MITSUBISHI ELECTRIC Inverter can be smoothly operated even in 198V ~ 254V.

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

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

Production

MITSUBISHI ELECTRIC makes full use of its advanced production technology to efficiently produce top-quality products. All our products are subjected to stringent tests conducted by experienced QC professionals.





- Head Office**
- Branch Offices**
- Satellite Offices**
- Technical Centres**
- Sales Offices**

*Map for reference purpose only.

MITSUBISHI ELECTRIC INDIA PVT. LTD.

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Website: www.MitsubishiElectric.in

Email: customersupport@asia.meap.com

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Bhubaneswar: 09073949597; **Bengaluru:** 080-40201600;
Coimbatore: 0422-4385606; **Chandigarh:** 0172-4601645;
Chennai: 044-49232222; **Delhi:** 011-66057900;
Ghaziabad: 011-66057900; **Hyderabad:** 040-43438888;
Indore: 0731-4098991; **Jaipur:** 0141-4011109;
Kolkata: 033-40858800/16-88; **Kochi:** 0484-4862093;
Lucknow: 0522-4002607; **Ludhiana:** 0161-4061654;
Mumbai: 022-66116200; **Nagpur:** 09921442323;
Pune: 09922441773; **Rajkot:** 09586605009; **Surat:** 0261-4003111;
Vadodara: 0265-2314699; **Vijaywada:** 08498894567

SATELLITE OFFICES: **Agra:** 09536900140; **Amritsar:** 09780021037;
Aurangabad: 09552572820; **Bhopal:** 08448398010;
Dehradun: 08800878763; **Goa:** 09167113443; **Hubli:** 08448398010;
Kanpur: 07755007767; **Patna:** 09073949596; **Raipur:** 08448397997;
Ranchi: 0973949598; **Tirupati:** 09319591931; **Trichy:** 09205599022;
Varanasi: 09336311110; **Vizag:** 09205987308

Customer Care Toll Free No.: 1800 102 2626
TECHNICAL CENTRES:

Ahmedabad: 079-67777874; **Bengaluru:** 080-40201600;

Chennai: 044-49232222; **Delhi:** 011-66057900; **Mumbai:** 022-66116200



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) and / or Toll free number 1800 102 2626.

*Specifications subject to change without prior notice.