



**MITSUBISHI
ELECTRIC**

AIR CONDITIONERS

Changes for the Better

JP
Series

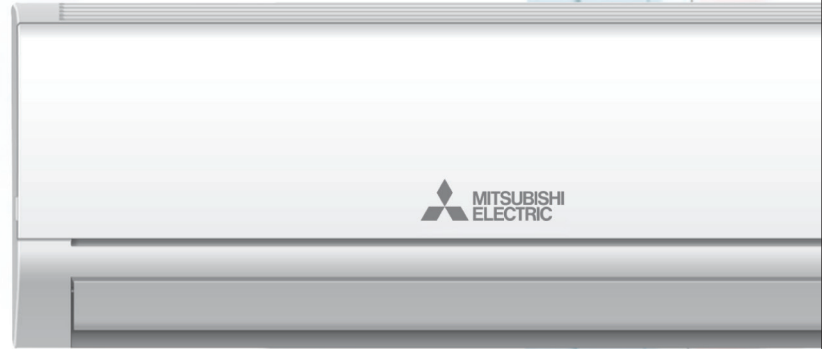


Mr. SLIM

New Range of Split Air Conditioner

Guaranteed Operating Range

Up to **50° C**



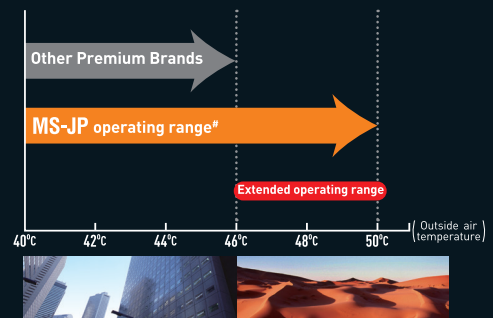


Guaranteed Operating Range Up to 50°C

Tropical Technology

Mitsubishi Electric introduces the new Tropical Specification series.

New technologies used in the compressor has made it possible for units to operate at outside air temperatures as high as 50°C. The new Tropical Specification series is perfect for cooling homes in tropical regions.

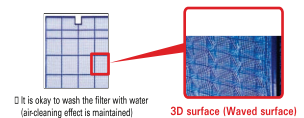


*Available in MS-JP 13/18/24BF



NANO Platinum Filter

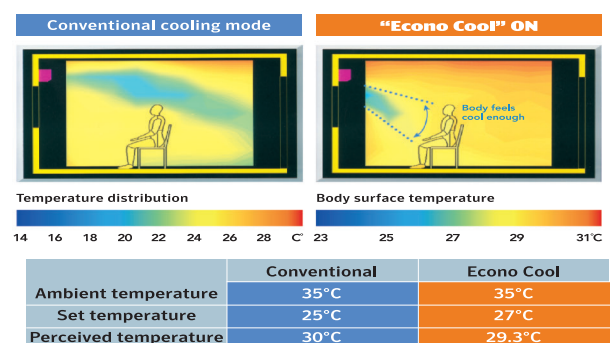
The filter has a large capture area and incorporates nanometre-sized platinum – ceramic particles that work to kill bacteria and deodorise the circulating air. Better dust collection than conventional filters is also ensured.



Econo Cool – Smart Save

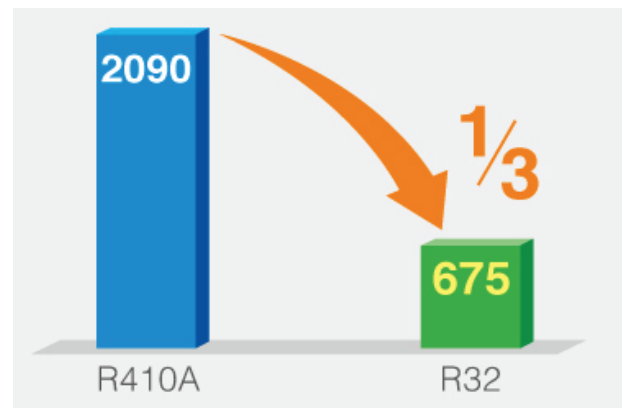
The Econo Cool one touch operation automatically adjusts the direction of airflow based on the temperature at the air outlet. The set temperature can therefore be 2°C above conventional temperature settings without loss of comfort and with a 20% increase in energy efficiency.

Ensures greater comfort even when the temperature setting is 2°C above conventional settings.



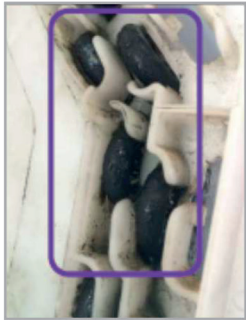
Comparison of Global Warming Potential

New R32 refrigerant has a global warming potential approximately 1/3 that of our current refrigerant, R410 A: thereby dramatically reducing the negative impact more than ever, actively introducing the new R32 refrigerant to suppress global warming. MITSUBISHI ELECTRIC continues to promote manufacturing while considering the environment.

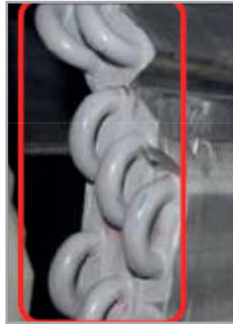


Global warming potential approx.

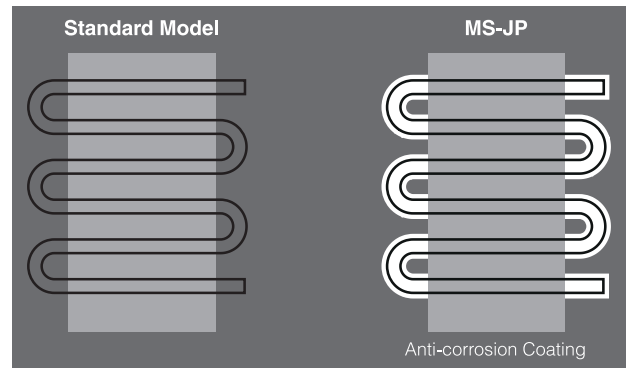
IDU Anti-corrosion Coating



Before Coating



After Coating



'Anti-corrosion Coating' is done to prevent gas leakage from AC coil bend which is very frequent in Indian market conditions



Anti Rust

All outdoor cabinets have been treated with special anti-rust painting.



Grooved Piping

High-performance grooved piping is used in heat exchangers to increase the heat exchange area.



Computerized Dehumidification

Eliminate dampness without lowering the temperature for healthier, more comfortable air conditioning, while enjoying great year-round economy.



100% Copper Heat Exchanger



LCD Remote Control



Electrostatic Anti-allergy Enzyme Filter

The filter is charged with static electricity, enables it to trap allergens such as molds and bacteria and decompose them using enzymes retained in the filter.

*Optional



Fuzzy Logic "I Feel"

Is the room too hot or cold, too dry or humid? On auto mode selection, the fuzzy logic control system adjusts conditions to suit you. Your selected temperature setting is stored in the memory system and reproduced automatically each time you operate your air conditioning.



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.



24 Hour Timer

On/Off operation can be set simultaneously in 10 minute increment for a 24 hour period.



Powerful Cool

The automatic, one-touch powerful cool system ensures faster cooling. It produces 10% more airflow than the "high fan" speed, cooling the room in less than 15 minutes, then automatically returning to the regular setting.



12 Hour On and Off Timer



Auto Restart

This function permits automatic return to previous operation conditions after a sudden power blackout.



Self-diagnostic Function

In the unlikely event of a malfunction, the LED on the indoor unit flashes to indicate the exact spot to be checked.



Auto Horizontal Vane

The air outlet vane swings up and down so that the airflow is spread evenly throughout the room.



Anti Mold

Nano platinum air purifying filter suppresses fungal growth to keep the air fresh and free of mold at all time.



DC Fan Motor

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

MS-JP SERIES



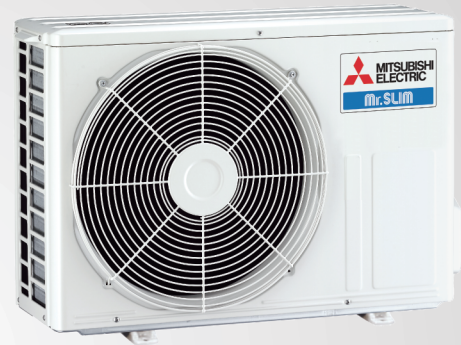
MS-JP18/24VF



MU-JP24VF







MS-JP10/13VF



MU-JP10/13/18VF

Specification Table

Type	Cooling only					
Model name	Indoor unit		MS-JP10VF	MS-JP13VF	MS-JP18VF	MS-JP24VF
	Outdoor unit		MU-JP10VF	MU-JP13VF	MU-JP18VF	MU-JP24VF
Refrigerant	R32					
Power supply	Source	Single phase, 230V, 50Hz				
		Outdoor power supply				
Capacity	Rated	kW	2.65	3.60	5.35	6.60
	Max	kW	2.65	3.60	5.35	6.60
Total Input	Rated	kW	0.77	1.06	1.59	1.96
ISEER			3.44	3.40	3.36	3.37
SPL	Indoor unit (Lo-Med-Hi-SHi)	dB(A)	26-33-40-47	29-37-42-47	34-39-44-49	35-41-46-51
Air Volume	Indoor unit (Lo-Med-Hi-SHi)	CFM	162-212-311-422	217-270-340-408	427-507-585-699	427-490-585-764
Operating Current	Rated	A	3.4	4.7	7.1	8.9
Indoor unit	Dimensions (H x W x D)	mm	290x799x232		325x1100x238	
	Weight	kg	9		15	
Outdoor unit	Dimensions (H x W x D)	mm	525x718x255			880x840x330
	Weight	kg	24.5	31.5	32.5	50.5
Ext.Piping	Breaker Size (MCB required)	A	10	10	15	20
	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)	15.88(5/8)
	Max.Length Out-In	m	20	20	20	30
	Max.Height Out-In	m	10	10	10	10
Star Rating						






Pre filter	ANTI-MOLD					
Air cleaning filter	ELECTROSTATIC ANTI-ALLERGY ENZYME FILTER (Option)					
Timer			12h	12h	12h	12h
Control wiring (Copper)	ODU to IDU	Core No.xSq.mm	4C x 1.0	4C x 1.0	4C x 1.0	4C x 1.0
Power cable (Copper)	To ODU	Core No.xSq.mm	3C x 1.0	3C x 1.0	3C x 2.5	3C x 2.5
ODU Breaker Size	To ODU	A	10	10	15	20



Entire range of Mitsubishi Electric Room Air Conditioners now comes with **WARRANTY UP TO 10 YEARS** with **NO HIDDEN CHARGES***





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

*Map for reference purpose only.

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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



AIR CONDITIONERS

*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) and incentive / exchange scheme for returning of e-waste on **Company website (www.MitsubishiElectric.in)** or by calling on **Toll free number 1800 102 2626**.

Specifications subject to change without notice.