

DESIGNED FOR EVERY SPACE

赤菱  
AKABISHI™

FOR  
MODERN LIVING

ADVANCED COMFORT.  
BEAUTIFULLY DESIGNED.



FOR  
SMART SPACES

POWERFULL PERFORMANCE.  
COMPACT CONVENIENCE.



DC FAN  
MOTOR



BLUE FIN  
(anti corrosion)



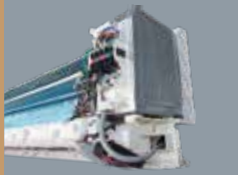
ENERGY  
SAVER



LED BACK  
LIGHT

# Design-

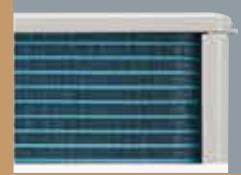
To ease our customers' minds, we invest great care when designing. So that they may use our products with the reassurance that comes through high-quality parts manufacturing and impeccable assembly.



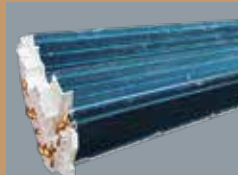
Metal Box ensures its reliable operation and preventing fire accident in case of short circuit in IDU (Indoor Unit).



Special Coating prevents any damages from humidity and insects.



A special coating is applied to the ODU (Outdoor Unit) heat exchanger to increase corrosion toughness.



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



Sheet Metal ensures its reliable operation and preventing fire accident in case of short circuit in ODU.



New stylish and compact remote controller features easy-read big display and simple button position with fundamental functions.

## Akabishi Features



### Fast Cooling Mode

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



### Auto Restart

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



### LED Back Light

Backlight button is pressed, the setting can be easily checked in the dark.



### PM 2.5 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.



### Grooved Piping

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



### DC Fan Motor

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



### Blue Fin (anti corrosion)

This AC has a blue epoxy coating on the evaporator fins of the indoor unit. This restricts the accumulation of condensed water and dust particles which significantly improves the cooling performance of this AC.



\*Model available in RAY-UE22VG & RAM-SE22VG



# Split Air Conditioners - Inverter Specifications



Type	Inverter Cooling only				
Model name	Indoor unit		RAY-HE13VG	RAY-HE18VG	RAY-HE22VG
	Outdoor unit		RBY-HE13VG	RBY-HE18VG	RBY-HE22VG
Cooling Capacity	Rated (Min-Max)	Watt	3400 (1660-3570)	5150 (2520-5400)	6250 (3060-6450)
Tonnage		TR	1 Ton	1.5 Ton	1.8 Ton
Star Rating			3 Star		
Energy Efficiency	ISEER		4.43		
Power Input	Rated (Min-Max)	Watt	954 (345-1005)	1527 (500-1610)	1983 (560-2085)
Air Volume	Indoor unit (Turbo)	CFM	232-251-266-296-374	289-306-338-459-593	578-601-655-845-910
Noise Level	Indoor unit (SLo-Lo-Med-Hi-SHi)	dBA	35/36/37/42/48	38/40/41/44/49	40/42/43/46/50
Refrigerant			R32		
Power supply	Voltage	V	230V		
Power Input Range	Voltage	V	145-285V		160-265V
Operating Current	Rated (Min-Max)	A	4.4 (2.8-9.6)	7 (3.9-14)	9.05 (4.3-16)
Indoor unit	Net Dimensions (H x W x D)	mm	285x775x215	295x935x230	330x1095x250
	Net Weight	kg	8.5	9.5	12.5
Outdoor unit	Net Dimensions (H x W x D)	mm	557x780x241	557x780x281	
	Net Weight	kg	21	22	25.5
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	15		20
	Max.Length	m	15		20
	Max.Elevation	m	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
ODU Breaker Size		A	16	20	25

# Experience Refreshing Coolness

## With Akabishi Air Conditioners

4-Speed Cooling

LED Back Light

Warranty on Compressor

Auto Swing



Programmable Timer

Slide-Out Chassis

Blue fin (anti corrosion)

Blue Fin

Sleep

Power Saver Compressor

Removable Filter

Energy Saver

100% Copper

4-Way Air Distributor



# Window Air Conditioners - Non-Inverter Specifications



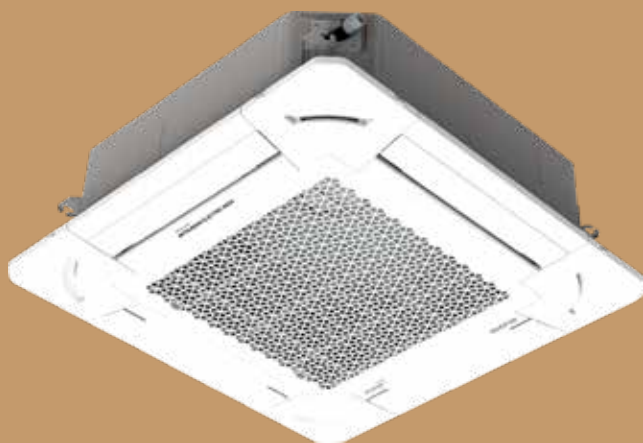
Type			Non-Inverter Cooling only			
Model name	Indoor Unit		RWM-HE13SG	RWM-DE18SG	RWM-HJE18SG	RWM-HE22SG
Cooling Capacity	Rated	Watt	3400	4850	5000	6100
Tonnage		TR	1 Ton	1.5 Ton	1.5 Ton	1.8 Ton
Star Rating			3 Star	2 Star	3 Star	3 Star
Energy Efficiency	ISEER		3.40	3.15	3.37	3.37
Power Input	Rated (Min-Max)	Watt	1000	1540	1484	1812
Air Volume	Indoor Unit (Lo-Med-Hi)	CFM	446-456-466	444-458-474	414-423-436	468-494-533
Noise Level	Indoor Unit (Lo-Med-Hi)	dBA	51-53-54	51-52-53	53-54-55	52-54-56
Refrigerant			R32	R32	R32	R32
Power supply	Voltage	V	230V	230V	230V	230V
Power Input Range	Voltage	V	207-253V	207-253V	207-253V	207-253V
Operating Current	Rated	A	4.56	6.70	6.80	8.27
Indoor unit	Net Dimensions (Hx W x D)	mm	430x660x660	430x660x660	430x660x660	430x660x773
	Net Weight	kg	47.1	49.8	53	58
Evaporator	Row		3	2	3	3
	Tube Diameter	mm	7mm	7mm	7mm	7mm
Condensor	Row		2	2	2	3
	Tube Diameter	mm	5mm	5mm	5mm	5mm
Ambient Operating Range		°C	48°C	48°C	48°C	48°C
Power cable (Copper)		Core No. x Sq.mm	3x1	3x1.5	3x1.5	3x2.5
ODU Breaker Size		A	16A	20A	20A	25A

\*Rating conditions Cooling - Indoor: 27°C(80°F)DB, 19°C(66°F)WB, Outdoor: 35°C(95°F)DB

# Unveiling the Advanced Technology

## Inside Our Window Air Conditioner





**Cassette  
Air Conditioner**



**High Static Ductable  
Air conditioner**



**Medium Static Ductable  
Air conditioner**



**Floor Standing  
Air Conditioner**



**Split Air Conditioner**



**Window Air Conditioner**



**MITSUBISHI ELECTRIC INDIA PVT. LTD.**

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 Chennai: 044-49232222, Delhi: 011-66057900,  
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**Customer Care (Toll Free)**  
**1800 102 2626**

For service support



For more details



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