

COOLING
HO TOH

**HEAVY
DUTY**



**MITSUBISHI
HEAVY INDUSTRIES**

AIR CONDITIONERS

HEAVY DUTY

HYBRID⁺
WINDOW AC
CATALOGUE 2019



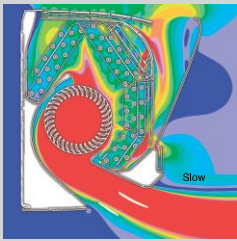
Rotary Compressor

HYBRID⁺ WINDOW AC

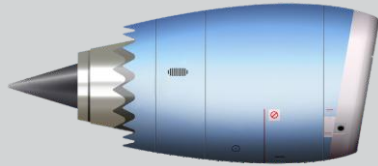


TURBOJET AIR FLOW ターボジェット

Turbo Jet Air Flow Technology Quiet Air Flow & Long Reach



Fast ← → Slow
Colors in the figure show the air speed.



TURBOJET
ターボジェット

CFD (computational fluid dynamics), used in blade shape design of turbo jet engines, has been applied to the design of air channels in air conditioners to develop the ideal air channel system (air circulation). The air flow of the jets created in this system enable a large volume of air to be blown with minimum power consumption, yet the air flow is uniform, quiet and reaches points a long distance from the blower.

CUSTOMER FRIENDLY FUNCTIONS



Hi Power Cooling



Long Reach Air Flow



Slinger Ring fan



3 Row Cooling & Condenser Coil



3M Filter



Dry Operation



High Capacity Machine



Blue Fin Coating



Eco-Friendly



Auto Flow System



On/Off Timer



Sleep Mode



Wireless Remote Control



Vertical Louver Swing



Anti Bacterial Filter



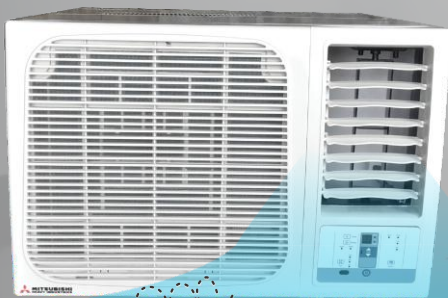
4 Way Air Flow



Detachable Grill



100% Copper

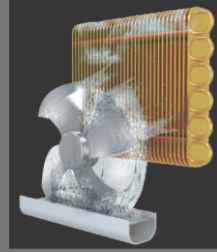


Wide Area Coverage





Large Blue Fin Condenser Coil

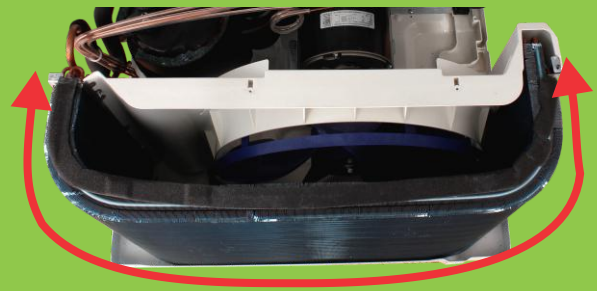


Sub Cooling Slinger Ring Fan Design

The slinger ring fan design gives water splashing of condensate water from evaporator coil on to condenser coil for giving sub cooling for increased cooling & energy efficiency.



4 Row Blue Fin Evaporative Coil



U-Bend Coil[#]

3 Row Condenser Coil

Available only in model WRK24MA1-6

SPECIFICATIONS		HYBRID+ HEAVY DUTY WINDOW AC (R410A)		
MODEL	Unit	WRK12MA1-6	WRK18MA1-6	WRK24MA1-6
Maximum Tonnage**	Ton	1.1	1.6	2.1
BEE - Star Rating -2019		3 Star	3 Star	3 Star
Refrigerant Control & Expansion		Dual Capillary Expansion		
Fixed Speed Compressor Type		Super Tropical - Return Cooled Rotary		
Power Source		1 Phase, 230 V, 50 Hz		
Maximum Cooling Capacity *		12771	19152	25007
Rated Cooling Capacity at	100% Load	12000	17998	23498
Rated Cooling Capacity at	50% Load	Not Applicable for Fixed Speed AC		
Maximum Cooling Capacity *		3743	5613	7329
Rated Cooling Capacity at	100% Load	3517	5275	6887
Rated Cooling Capacity at	50% Load	Not Applicable for Fixed Speed AC		
Rated Power Consumption at	100% Load	1172	1760	2295
Rated Power Consumption at	50% Load	Not Applicable for Fixed Speed AC		
Rated EER / COP at	100% Load	3.00	3.00	3.00
Rated EER / COP at	50% Load	Not Applicable for Fixed Speed AC		
BEE Rated Indian Seasonal Energy Efficiency Ratio	ISEER	3.00	3.00	3.00
Input Power ** (Minimum ~ Maximum)	Watts	975 ~ 1172	1550 ~ 1760	2050 ~ 2295
Current (minimum ~ maximum) **	A	4.0 ~ 5.2	7.0 ~ 8.0	10.0 ~ 11.0
Dimension (H x W x D)	mm	380 x 560 x 600	428 x 660 x 680	428 x 660 x 780
Weight	Kgs	42	63	70
Air Flow (CMH)	m3/hr	600	900	1150
Long Reach AirFlow Upto	Meter	7.6	10.6	12.1
Sound Level (H/M/L)	dB	47 / 44 / 38	49 / 46 / 40	56 / 52 / 46
Louver Swing		Vertical		
Special Filter		PM 2.5 - 3M Filter + Anti Bacterial		
Slinger Ring - Water Splashing Sub Cooling	Condenser Coil	Slinger Ring Fan Blade		
DC Fan Motor Speed		Auto / High / Med / Low/ Dry		
Refrigerant Injection in Coil		4 Point - Multi Port		
Main Power Supply to		2.5 mm ² x 3 cores (including earthing cable)		
Area Coverage ***	Sq.Meter	11.6 ~13.9	15.9 ~ 20.9	20.9 ~ 27.8

* Cooling Capacity is derived Maximum during evening & night when the temperature is less than 31°C,

** Under Standard Installation & Lab Test Condition

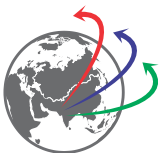
*** Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned. Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without any prior notice

ISEER = INDIAN SEASONAL ENERGY EFFICIENCY RATIO



Our Motto
" Customer Satisfaction
Index No.-1"

Towards A Better Future Together



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