



Our Motto
"Customer Satisfaction Index No.-1"



TECHNOLOGY
NEXT



for Green
Living **R410A**
ECO-FRIENDLY

TOWARDS
A BETTER
FUTURE
TOGETHER

PRECAUTIONS

Always get the Mitsubishi Heavy Ind. Airconditioners installed by Authorized Mitsubishi Heavy Ind. Sales & Service Channel Partners only. Do not try to install the AC either by yourself or any unauthorized dealer. Improper installation can result into non performance, low cooling, refrigerant leakage, electrical shocks.

Warranty of the product shall be null & void, if not installed by an authorized Mitsubishi Heavy Ind. Sales & Service Channel Partner. In no case it will be company's responsibility if the AC unit is installed by an unauthorized dealer, is unable to perform.

Warranty of the AC unit component shall be null & void if non specified/non genuine spares are used or repaired by an unauthorized dealer.

Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without notice. In case of any adverse area to be conditioned, if it is not verified by the company/dealer engineer and selection of the AC unit is made by the customer based on the specifications without taking any prior advice, then company will not be responsible for any variance in the performance of the AC unit installed.

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Our factories are ISO9001 and ISO14001 certified.

Certified ISO 9001

Certified ISO 14001



SHIWAJI PLANT
Mitsubishi Heavy Industries, Ltd.
Mumbai, Maharashtra, India

SHIWAJI PLANT
Mitsubishi Heavy Industries, Ltd.
Ahmedabad, Gujarat, India

MITSUBISHI HEAVY INDUSTRIES-
MAHAJAK AIR CONDITIONERS CO. LTD.
Bangkok, Thailand

MITSUBISHI HEAVY INDUSTRIES-
MAHAJAK AIR CONDITIONERS CO. LTD.
Bangkok, Thailand



CATALOGUE
2017

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Our Technologies, Your Tomorrow

Established Since - 1884

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ECO SMART HEAVY DUTY RANGE

Future and technology for air conditioning

Research and technological innovation have been the goals of Mitsubishi Heavy Industries for over a century and these have been translated into the excellent results in the air conditioning products.

The perfect harmony between energy, technology and innovation is manifested in the production of air conditioners designed to meet the engineering needs of the residential, commercial and industrial sectors. State of the art solutions applied to top quality to guarantee wellbeing, energy saving and quality life.

For a better tomorrow



Harmonizing People and technology on a global scale

As a global manufacturer, the fields in which Mitsubishi Heavy Industries work, know no limits, offering more than 700 products that fall in all sectors and meet different needs and lifestyles, with the aim of reconciling public needs and technological innovation.

With its eyes on the future, MHI will continue to traverse uncharted lands.

On the land and sea, in the sky and even in space, MHI's stage of operations is expanding limitlessly. We manufacture more than 700 different products which support various industrial and civil activities in both domestic and international markets.

Ships, steel structures, power systems, machinery for both industrial and general use, air-conditioners, pollution reduction and environmental control systems, aerospace systems – the MHI product lines which create rich and comfortable living environments, are as harmonious as an orchestra.

What creates this harmony is MHI's general technological expertise developed over more than a century of hard work. We are highly esteemed in the world for providing high

quality products through untiring technological research and development. From new energy development and environmental concerns to the exploration of space, with the advent of the 21st century MHI is confronting a variety of issues to ensure the realisation of a society in which there is harmony between mankind and technology.



- Ultra-High Steel Stacks
- Refuse Incineration Plants
- Night Soil Treatment Plants
- Electrostatic Precipitators
- Flue Gas Desulfurization System
- Fluidized Incinerators
- CFC Collecting Equipment



- Crude Oil Storage Barges
- LNG Tanks
- Boilers & Turbines
- Oil Production Plants
- Contra-Rotating Propellers
- Thermal Power Plants
- Combined Cycle Plants
- Fuel Cells
- Water Turbines
- Wind Turbines
- Geothermal Power Plants
- PWR Nuclear Power Plants
- Uranium Enrichment Equipment
- FBRs
- Co-Generation Systems

- Chemical Plants
- Wind Tunnel/Experiment Equipment
- Casting Machines
- Strip Mill
- Cement Plant
- Stepless Variable Speed Gears
- Industrial Robots
- Injection Moulding Machines
- Pulp & Paper Machinery
- Corrugation Machines
- Box Making Machines
- Machine Tools

- Ceiling Recess Packaged Air Conditioners
- Automotive Air Conditioners
- Residential Use Split Air Conditioners
- Refrigeration Units
- Dry Cleaning Machines
- Food Machinery
- Cruise Ships
- Multi-purpose Dome
- Stage Machinery Systems



- Cable Layer
- Printing Machinery

- Spillway Radial Gates
- Steel Bridges
- Penstocks
- Desalination Plants
- Physical Distribution Equipment
- Engines



- Unloader & Container Cranes
- Mechanical Parking Facilities
- Integrated Automated Storage Systems
- Rubber & Tyre Machinery
- Skyrails
- Monorail Cars
- New Transportation Systems
- Passenger Boarding Bridges

- Toll Collection Machine Systems
- Forklift Trucks
- Helicopters
- Aircraft
- Railway Maintenance Equipment
- LNG Carrier
- Container Ships



TRANSPORTATION

LOCAL DEVELOPMENT

ENVIRONMENT

RESOURCES/ENERGY

INDUSTRIAL

LEISURE/LIFESTYLE

INFORMATION SYSTEM

DEVELOPMENT

DEFENCE

- Submarines
- Naval Vessels
- Jet Fighters
- Helicopters
- Missiles
- Tanks & Infantry Fighting Vehicles

Mitsubishi Heavy Industries Ltd. Japan

133 years of technological innovations



Yataro Iwasaki, founder of Mitsubishi



1884: the Nagasaki shipyards at the time the company was founded

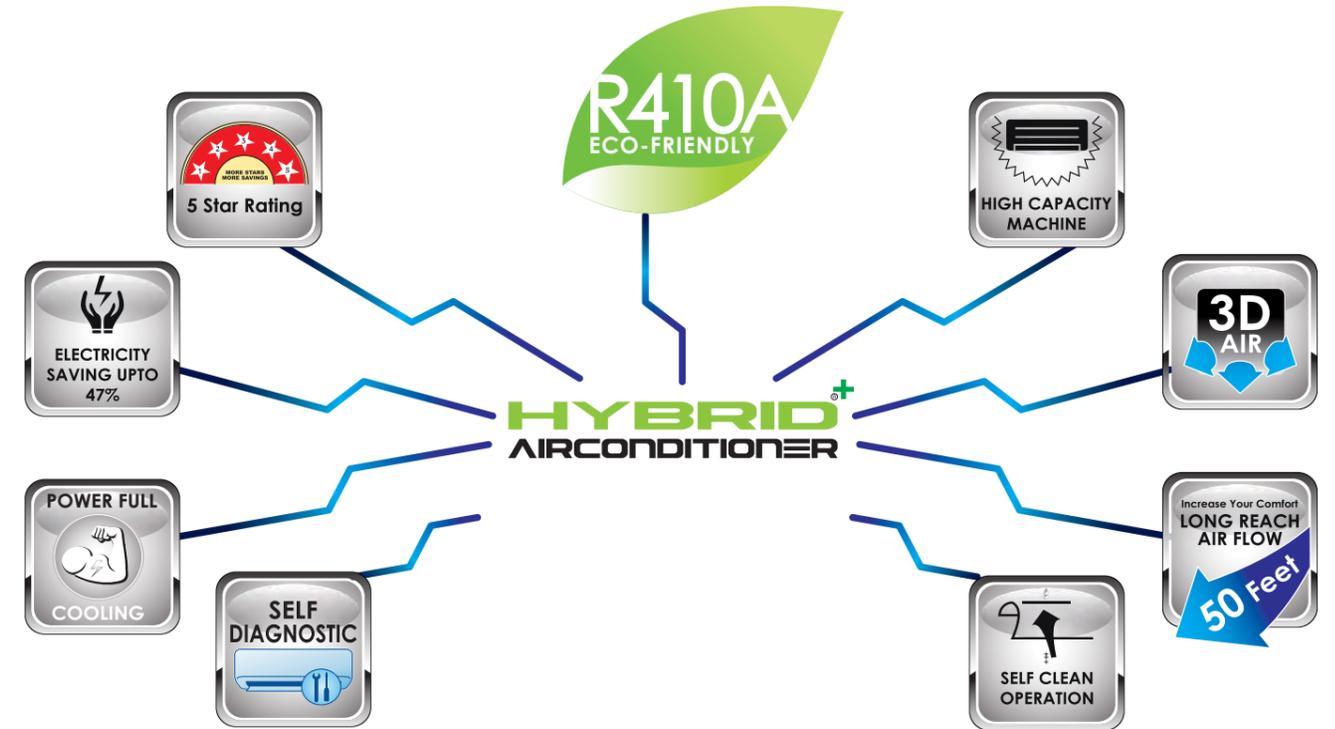
The origin of MHI can be all the way back to 1884. In that year, Yataro Iwasaki, the founder of Mitsubishi took a lease of Government- owned Nagasaki Shipyard. He named it Nagasaki Shipyard & Machinery Works, and started the shipbuilding business on a full scale. This shipbuilding business was later turned into Mitsubishi Shipbuilding Co.,Ltd., and was again launched as Mitsubishi Heavy- Industries, Ltd., in 1934, establishing its position as the largest private firm in Japan. Mitsubishi Heavy Industries is Japan's largest shipbuilding and machinery maker and is a mammoth company involved in an array of Industrial concerns. With nearly 150 subsidiaries, Mitsubishi Heavy Industries Ltd. (MHI) operates in 11 key sectors. Shipbuilding, Air- Conditioning and Refrigeration Systems, Nuclear Energy Systems, General Machinery and Components, Paper and Printing Machinery, Steel Structures and Construction, Machinery and Plants, Machine Tools, Power Systems, Aerospace System, Industrial Machinery, Infrastructure projects and produces everything from Airconditioners & System (Room AC, Semi-Commercial, Commercial, VRF, Centrifugal & Absorption Chillers), Jet engines, Passenger aircraft, Wind- Mills, Cruise ships and Oil tankers, to Construction Machinery, Newsprint Machines, Turbines, Nuclear Power Plants, Thermal Power Plants airplanes, gasoline engines, and gear cutting machines.



Mitsubishi Heavy Industries- International Aircon Pvt. Ltd. is a **Strategic alliance** of Mitsubishi Heavy Industries - Mahajak Airconditioners Co. Ltd. & International Aircon Pvt. Ltd., for sales, marketing & service of Mitsubishi Heavy Ind. Heavy Duty Room, Commercial Airconditioners & VRF Systems in India.

International Aircon Pvt. Ltd. with its nationwide network has supported a wide array of projects including residential & large commercial establishment, Offices, Business establishments, Hotels, Hospitals, Schools, Commercial Complexes, Industries, etc. We have participated in projects for large Air Conditioning Systems requiring SYSTEM INTEGRATION of imported air conditioning equipment as per the international standards lay down by our principal- M/s. Mitsubishi Heavy Industries Ltd. We ensure much superior quality of workmanship with advanced engineering skills. We have full- fledged team of qualified engineers and technical staff in the air-conditioning divisions to meet all kind of requirements. IAPL has consistently provided Channel Partners with timely and high value service, competitively priced products without sacrificing quality.

IAPL has its branch offices in all the major cities of India Including Delhi, Mumbai, Kolkatta, Bengaluru, Chennai, Kochi, Ahmedabad, Hyderabad, Jaipur, Chandigarh, Gurgaon, Karnal, Ludhiana, Lucknow, Noida, Nagpur, Indore, Patna, Bhubaneswar, Jammu & Dehradun. Company has Authorized Genuine Spares & Service Center Network at all major cities of India.



HYBRID AC given 1.5 times bigger area coverage compared to Conventional AC & still gives electricity savings upto **47%**

MODEL NO.	CAPACITY	AREA COVERAGE
SRK 05 CRS	0.5 Ton	Upto* 75 sq.ft.
SRK 10 CRS-S6	0.8 Ton	Upto* 140 sq.ft.
SRK 12 / 13 CRS-S6	1.1 Ton	Upto* 172 sq.ft.
SRK 18 CS-S6	1.5 Ton	Upto* 200 sq.ft.
SRK 20 CLS-6 / 21CNS-S6	1.5 Ton	Upto* 250 sq.ft.
SRK 20 CSS-S6	1.6 Ton	Upto* 280 sq.ft.
SRK 24 CS-S6	2.0 Ton	Upto* 300 sq.ft.
SRK 25 CKS-6	2.0 Ton	Upto* 390 sq.ft.
SRK 25 CSS-S6	2.2 Ton	Upto* 450 sq.ft.



HIGH CAPACITY MACHINES

We have designed the machines using higher capacity compressor + Bigger Condensor Unit for maximum heat rejection for better cooling & higher energy efficiency, thereby we claim for Maximum Cooling Capacities.

CAPACITY	MAXIMUM COOLING CAPACITY
0.8 Ton	10500 BTU/hr.
1.1 Ton	13500 BTU/hr.
1.5 Ton	21000 BTU/hr.
2.0 Ton	26272 BTU/hr.



* Under Standard Installation & Lab Test Condition

JET FLOW POWERFUL SILENT AIR FLOW

JET ENGINE TECHNOLOGY

CFD (computational fluid dynamics), used in blade shape design of 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.



LONG REACH AIR FLOW

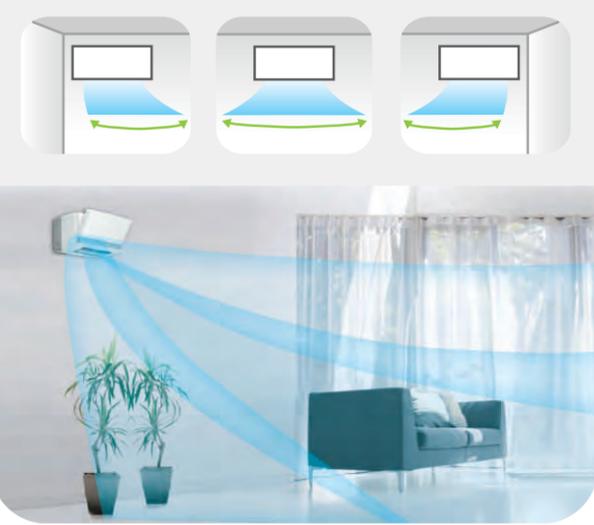
Powerful air flow is realized by Jet technology. Good for large living rooms and shops. Increase your comfort.



* Under Standard Installation & Lab Test Condition

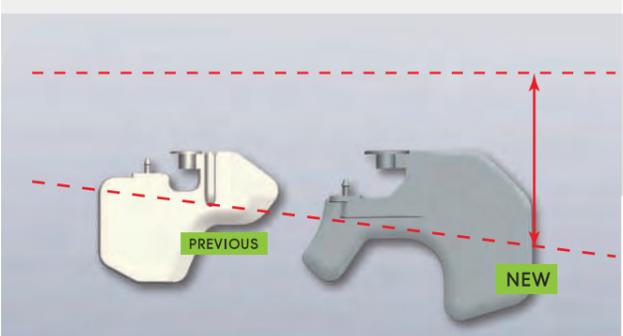
POSITIONING OF INSTALLATION

You can set the left-right air flow directions when you install the air conditioner near the side wall by remote controller operation.



NEW LOUVER

Due to redesigned size and shape, the new louver has been increased in surface area by 80%. In addition to increase of air flow volume, it has improved controllability of swinging to right and left.



80% INCREASED

3D AIR FLOW



3D AIR VERTICAL + HORIZONTAL AIR SCROLL



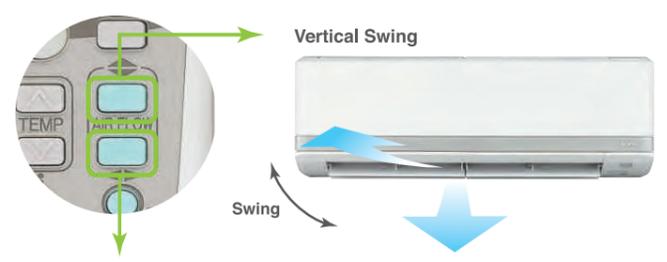
- | | | |
|-----------------------------|-------------|---------------|
| 1 Hi-Power (Quick) | Cool Shower | Floor Heating |
| 2 Wide Swing (Every Corner) | Swing | Swing |
| 3 Center (Long) | Swing | Swing |
| 4 Wide-Air (Equal) | Cool Shower | Floor |

AUTO SETTING (3D AUTO)

Thanks to automatic control of air flow volume and air flow direction, comfortable air conditioning of the entire room can be done effectively.

In cooling operation cooled air flows directly to the ceiling. The cooled air does not flow directly to the occupants of the room and the comfort cooled air flow comes from the ceiling like a soft shower.

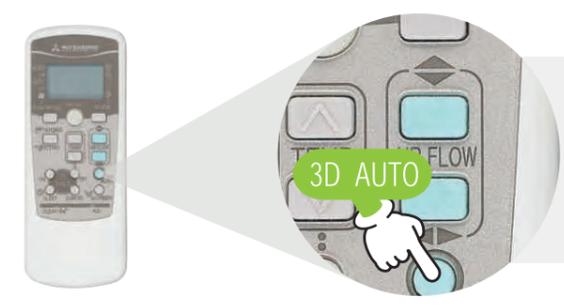
In heating operation warm air flows to the floor directly and spreads along the floor. Due to concentration of the warm air on the floor level, optimum comfort can be achieved.



MANUAL SETTING

By individual control of right and left part of louver, air flow direction from the right part and the left part are controlled individually. Setting the most preferable air flow direction and determining whether direct air flow is required or not at the same time minimizing of energy loss and economical operation has realized.

-
- Swing
 - Spot
 - Wide
 - Swing
 - Spot
 - Wide
 - Swing
 - Spot



3D AUTO is one touch programmed and three motors (one vertical working motor + two horizontal working motors) make three independent air flow controls. The air flow is uniform and quiet and reaches at long distance points from the blower.

CLEAN AIR



GENERATES THE SAME AMOUNT OF NEGATIVE IONS AS A FOREST ENVIRONMENT

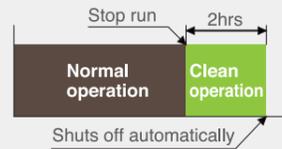
24-Hour ION

The air conditioner main body employs a tourmaline-coated sheet. The sheet generates negative ions around the clock. Even when the air conditioner is not running, it generates as many negative ions (2,500- 3,000/cc) as in a forest, stream or fall does, allowing you to experience them without incurring any electrical charges.



ALWAYS KEEPING THE INDOOR UNIT CLEAN
Self Clean Operation

"Self Clean Operation" is operated for 2 hours after the unit has stopped its normal operation. The indoor unit is dried up and the growth of mold is restrained. Users can select whether this mode is utilized or not.

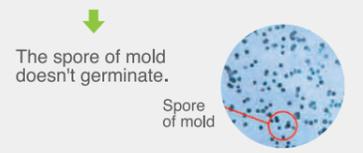


Situation of mold after one week

When you don't execute "Self Clean Operation"



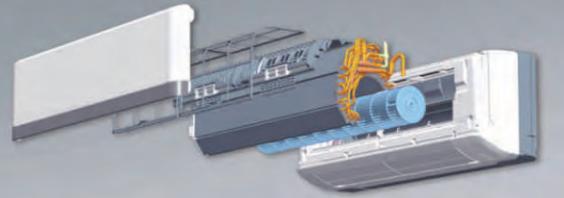
When you execute "Self Clean Operation"



ANTI-MICROBIAL SPECIFICATIONS AND DESIGN WILL DELIVER CLEANLINESS AND SAFETY

ANTI-MICROBIAL BLOWER FAN

The blower fan has undergone anti-microbial treatment to resist mold and germs, making the system clean and safe. Foul odors and molds, etc. which can occur when an air conditioning system is not in operation are prevented.



Comparison of growth of bacteria and mold on fan surfaces (microscopic image)



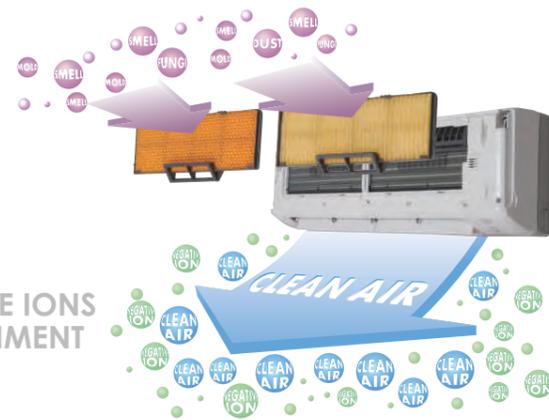
In tests conducted at the Mitsubishi Heavy Industries Nagoya Research Lab, 24 hrs after contact with bacteria, cultured on agar media.

- Intestinal bacteria (Escherichia coli IFO 3972)
 - Staphylococcus aureus subsp. aureus IFO 12732
- Testing Authority: Japan Food Analysis Center
Test Results Issued: 2004-4-7.
Test Report No.: 104034022-001

Tests were conducted with reference to the antimicrobial strength tests in JIS Z 2801 2000 "Antimicrobial Products-Antimicrobial Test Method" -5.2 Antimicrobial Effects: Test Methods for Plastic Products, etc.

- Aspergillus niger IFO 6341
- Testing Authority: Japan Food Analysis Center
Test Results Issued: 2004-4-23.
Test Report No.: 104034022-002

Tests were conducted with reference to the antimicrobial strength tests in JIS Z 2801 2000 "Antimicrobial Products-Antimicrobial Test Method" -5.2 Antimicrobial Effects: Test Methods for Plastic Products, etc.



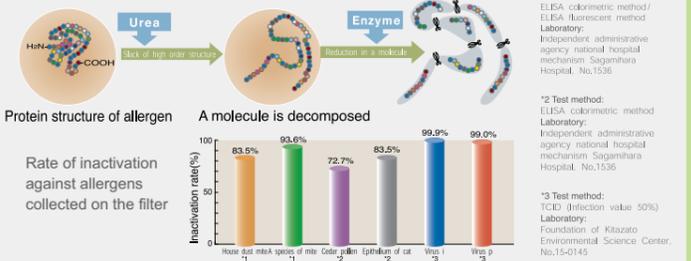
THIS IS THE ORIGINAL AND ONLY TECHNOLOGY TO CONTROL THE TEMPERATURE AND HUMIDITY FOR INACTIVATING ALLERGENS
Allergen Clear Filter

Enzyme + Urea deactivates allergens and kills bacteria.



The allergen clear filter breaks down the pollen, lice, and allergens that live on cat skins, etc. and deactivates them. The secret of deactivation is the Enzyme-Urea compound. It deactivates not only allergens but also all kinds of bacteria, molds and viruses. Even if allergens and bacteria, etc. fly off of the filter, they are deactivated, so the air in your room is kept fresh.

Sterilization Mechanism



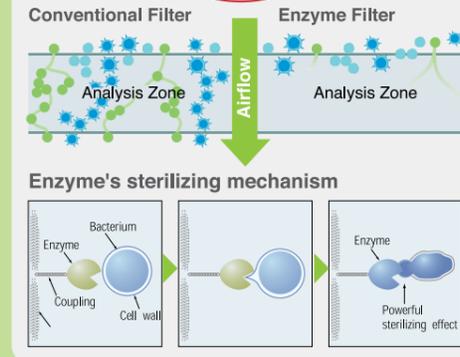
THE AIR IN YOUR ROOM IS KEPT FRESH

Allergen Clear System **First in the world**

"Allergen Clear System" is equipped to suppress the influence of the allergen caught by the filter by controlling the temperature and humidity.



First in the world



SURE TO DESTROY FUNGI AND BACTERIA, ALSO EFFECTIVE ON VIRUSES AND ALLERGENIC COMPOUNDS (CAT HAIR, DUST MITE, POLLEN ETC.)

Natural Enzyme Filter

The first release in this range of the enzyme-sterilizing filter



Enzymes used in these filters are naturally occurring lytic enzymes. The lytic enzymes attack cell walls of microorganisms trapped on a filter and destroy them and doing so, have a powerful sterilizing which will effectively decrease the number of molds and bacteria. Natural Enzyme Filter will clean and sanitize air passing through it to keep air in the room clean and safe.



THE DEODORIZING ABILITY OF THIS FILTER CAN BE EASILY RESTORED SIMPLY BY CLEANING AND EXPOSING TO THE SUNLIGHT

Natural Solar Filter

It will keep the air fresh by deodorizing the molecules causing odor. Its deodorizing power can be restored by washing with water and drying under the sun, as such it is capable of repeat use.



CUSTOMER FRIENDLY FUNCTIONS



HYBRID AC FOR ELECTRICITY SAVING UPTO 47%*



HIGH CAPACITY MACHINES

We have designed the machines using higher capacity compressor + Bigger Condenser Unit for maximum heat rejection for better cooling & higher energy efficiency, thereby we claim for Maximum Cooling Capacities.



INTELLIGENT AIRFLOW CONTROLS



JET AIR FLOW

Aircraft technology was used in the design of the air conditioner's airflow system

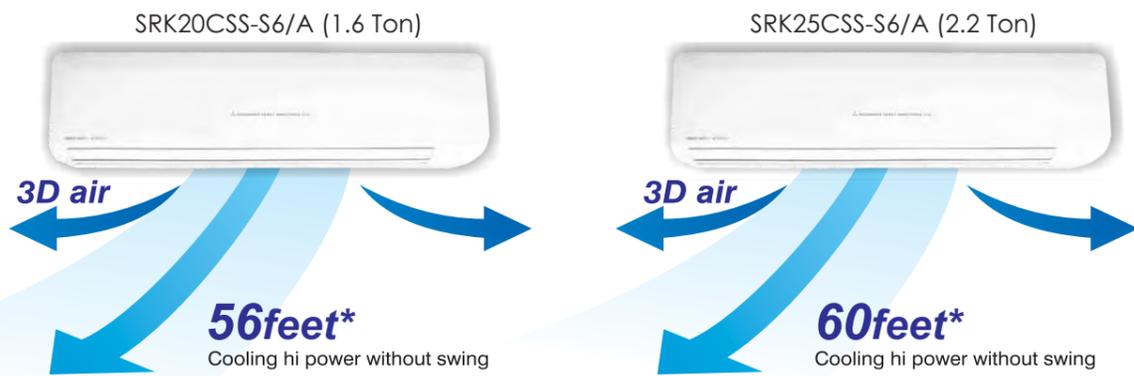
We used the same aerodynamic analysis technology as used in developing jet engines.

CFD (computational fluid dynamics), used in designing of the blades of jet engines has been applied to the design of the louver blades of the centrifugal blower and air delivery path, to develop the ideal air channel system to deliver higher airflow at a lesser noise level.



LONG REACH AIR FLOW

Jet air flow technology gives long reach airflow upto 50 ft. for 1.5 times bigger coverage compared to conventional AC.



UP/ DOWN SWING:

The UP/DOWN flap can be adjusted to the preferred operations angle, ranging from horizontal to perpendicular.



LATERAL SWING:

It sends a pleasant breeze to a wide range in the room by swinging the louver to right and left automatically. Louver angle can be fixed at any desired position.

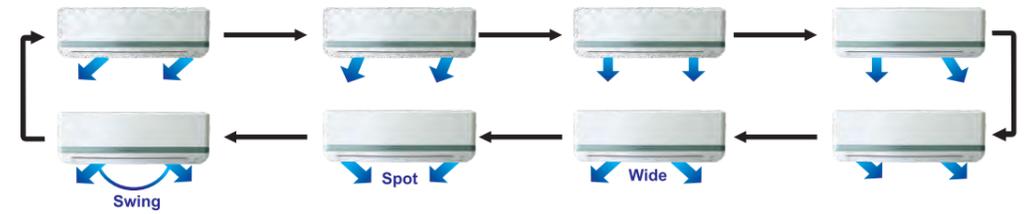
* Under Standard Installation & Lab Test Condition



3D AIR 3D AUTO FOR AIR DISTRIBUTION IN 108 DIRECTIONS.



3D AUTO



POSITION OF INSTALLATION:

You can set the vertical louver movement at the time of installation to avoid the short cycling of cool air when AC indoor unit is installed in extreme right or left of the area to be airconditioned.



New Louver:

Due to redesigned size and shape, the new louver has been increased in surface area by 80%. In addition to increase of air flow volume, it has improved controllability of swinging to right and left.

CLEAN AIR



Self Clean Operation:

"Self Clean Operation" is initiated after 2 hours of the unit stopping operation. Users can select whether this mode is utilized or not.



Anti Micro Bial Fan:

The blower fan has undergone anti-microbial treatment to resist mold and germs, making the system clean and state. Foul odors and molds, etc. which can occur when an air conditioning system is not in operation are prevented.



24- Hours ION:

The air conditioner main body employs a tourmaline-coated sheet. The sheet generates negative ions around the clock. Even when the air conditioner is not running, it generates as many negative ions (2,500- 3,000/cc) as a forest, stream or fall does, allowing you to experience them without incurring any electricity charges.



Natural Enzyme Filter:

Highest disease disinfection efficiency Natural Enzyme Filter with a working mechanism of MHI Air Conditioner to suck up the disease contained air to pass into the Natural Enzyme Filter. The function of the Natural Enzyme filter will then do its duty to destroy the Cell Walls, and when the Cell Walls have been destroyed, all diseases will then die from the natural mechanism, resulting in sending out the safe and pure air from the MHI Air Conditioner.



Solar Filter:

Recyclable filter because of its repeatedly restorable deodorizing power. It can keep air fresh by deodorizing at molecules causing odors plentiful in the room. As its deodorizing power can be restored only by washing with water and dry under the sun, it is a Recyclable deodorizing filter usable repeatedly.



Allergen Filter:

The filter breaks down the pollen, lice and all allergens that live on cat skins, etc and deactivates them.



Anti Bacterial Filter :

Anti Bacterial Filter is a washable nylon wire mesh filter used for filtering the room air, having dust & common bacteria of 40-50 microns. There by making room air clean & free of bacteria.

COMFORTABLE FUNCTION:



Automatic:

The air conditioner automatically selects from among heating, cooling and dry operations.



Hi Power Cooling:

The unit can operate continuously in "HI POWER" mode for 15 minutes. This mode is convenient to reach the desired temperature quickly.



Fuzzy Auto Mode:

Automatically, the unit determines its operating mode and temperature setting based on a fuzzy calculation, and adjusts the inverter frequency.



Auto Flap Mode:

Whatever the operating mode is, the unit automatically selects the optimal angle.



Memory Flap:

While the flap is swinging, it can be stopped at any angle desired. The flap returns to the position that it was in when operation last stopped.

CONVENIENT & ECONOMY FUNCTION



Auto Restart:

Power blackout auto restart function is a function that records the operational status of the air-conditioner immediately prior to it being switched off by a power cut and then automatically resumes operations at that point after the power has been restored.



Economy:

The unit realized effective energy saving operation, while still keeping a comfortable cooling and heating.



Dry Operation:

The unit dehumidifies the room by intermittent cooling operation.



MC (Microcomputer- Operated Defrosting):

This mode automatically eliminates frost, and helps minimize excessive operation in other modes.



Backup Switch:

On the main unit, there is a backup on/off switch, which is useful when you can't use remote control or batteries are.



Longer Refrigerant Pipe Length:

Long Distance piping flexibility allows the outdoor unit to be placed far from the indoor unit. This adds to convenience and facilitates easy installation of the ACs.



Luminous Button:

"Luminous button" in remote controls even "glows in the dark". It is possible to operate all desired functions of the unit with the click of a button.



Sleep Mode:

The room temperature is automatically controlled during the set sleep mode period, ensuring that room temperature will not get too cold or too hot.

MAINTENANCE & PREVENTION



Self Diagnostic:

In the Case, when air conditioner malfunction, an internal Micro-Computer Automatically runs Self Diagnosis function displays the flashing LED on the indoor unit and the User is able to identify the problem by referring the user's manual troubleshooting table and inform the problem.



Detachable:

The air inlet panel on the indoor unit opens and closes easily, making filter cleaning simple. The suction panel can also be removed.



100% Copper:

All the Models uses 100% copper pipe in Condensor coil and the Evaporator coil for maintenance free durable life and for better heat transfer.

TIMER



On Timer:

This facility enables the operation to start a little earlier, so that the room approaches optimum temperature at ON time when the operation is started by ON-TIMER. Thus it will try to be of the temperature you want, When you



Off Timer:

The unit stops automatically during the set sleep mode period. Ensuring that room temperature will not get too cold or too hot.



On/Off Timer:

By combining a start timer with a stop timer, you can register two of the day repeatedly.



CONTROL Cordless Remote Control



MADE IN THAILAND

ECO SMART HYBRID+ AIRCONDITIONER

Presenting India's Highest Energy Saving 1.5 Ton Eco Smart Hybrid+ AC with R410A Refrigerant & with Maximum 5.04* EER.



SRK20CSS-S6/A / SRK25CSS-S6/A

NEW

R410A
ECO-FRIENDLY



High Air Flow



SRK21CNS-S6

Compact



HYBRID AIRCONDITIONER



SRK20CLS-6 / SRK25CKS-6



R22



Comfortable Air Flow Functions



Clean Air



Maintenance

Comfortable Function



Others



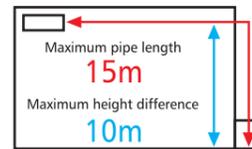
Convenient & Economy Functions



SRK20CSS-S6/A / SRC21CNS-S6

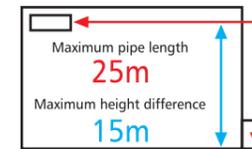
SRC25CSS-S6/A

Refrigerant Pipe Length



SRK20CLS-6 / SRK20CSS-S6/A

SRK21CNS-S6



SRK25CKS-6 / SRK25CSS-S6/A



SRC20CLS-6



SRC25CKS-6

SPECIFICATIONS	Unit	HYBRID+ HEAVY DUTY AC (R410A)			HYBRID HEAVY DUTY AC (R22)		
		SRK20CSS-S6/A	SRK21CNS-S6	SRK25CSS-S6/A	SRK20CLS-6	SRK25CKS-6	
MODEL	Indoor Unit	SRK20CSS-S6/A	SRK21CNS-S6	SRK25CSS-S6/A	SRK20CLS-6	SRK25CKS-6	
	Outdoor Unit	SRK20CSS-S6/A	SRC21CNS-S6	SRK25CSS-S6/A	SRC20CLS-6	SRC25CKS-6	
BEE Star Rating		5 STAR	5 STAR	5 STAR	5 STAR	4 STAR	
Compressor Type		Super Tropical - Return Cooled Rotary					
Power Source		1 Phase, 220 / 230 V, 50 Hz					
Maximum Cooling Capacity *	Ton	1.6	1.6	2.2	1.5	2.0	
	Watts	6154	6154	7700	5715	7532	
	BTU/h	21000	21000	26272	19500	25700	
Maximum EER / COP *	W/w	4.92	5.04	4.28	4.68	4.00	
BEE Rated Cooling Capacity	Ton	1.6	1.5	2.0	1.5	2.0	
	W	5950	5300	7625	5300	7200	
	BTU/h	20301	18083	26017	18083	24566	
Input Power ** (Minimum ~ Maximum)	watts	1250 ~ 1485	1220 ~ 1460	1800 ~ 2050	1220 ~ 1475	1880 ~ 2160	
BEE Rated EER / COP	W/w	4.0	3.63	3.72	3.59	3.33	
Current (minimum ~ maximum) **	A	5.6 ~ 6.6	5.5 ~ 6.5	8.0 ~ 9.2	5.5 ~ 6.8	8.5 ~ 10.0	
Dimension (H x W x D)	Indoor Unit	mm	339 x 1197 x 262	309 x 890 x 251	339 x 1197 x 262	318 x 1098 x 248	
	Outdoor Unit	mm	640 x 850 (+65) x 290	640 x 850 (+65) x 290	750 x 880 (+88) x 340	640 x 850(+71) x 290	750 x 880 (+88) x 340
Weight	Indoor Unit	Kgs	17	15	17	17	
	Outdoor Unit	Kgs	44	43	57	46	62
Air Flow (CMH)	Indoor Unit	m ³ /hr	1350	1100	1450	1150	1224
Long Reach AirFlow Upto	Indoor Unit	Feet	56	45	60	50	56
Self Diagnosis Function	Indoor Unit		Yes				
Sound Level (H/M/L)	Indoor Unit	dB	43 / 40 / 37	44 / 41 / 38	46 / 42 / 39	46 / 44 / 42	48 / 46 / 41
Louver Swing	Indoor Unit		3D + 3D AUTO			3D + 3D AUTO	
Special Filter	Indoor Unit		Enzyme + Photocatalytic Deodorizing Filter + Anti Bacterial			Enzyme + Solar + Anti Bacterial	
Blower Fan	Indoor Unit		Anti - Micro Bial			Anti - Micro Bial	
DC Fan Motor Speed	Indoor Unit		Auto / Powerful / High / Med / Low / Dry			Auto / Powerful / High / Med / Low / Dry	
Refrigerant			R410A			R22	
Refrigerant Injection in Coil	Indoor Unit		5 Point - Multi Port				
Refrigerant Piping	Liquid Line	mm	6.35 (1/4")				
	Gas Line	mm	15.88 (5/8")				
Main Power Supply to	Outdoor Unit		2.5 mm ² x 3 cores (including earthing cable)				
Connecting wiring	B/w IDU & ODU		1.5 mm ² x 4 cores (including earthing cable)				
Area Coverage ***		Sq.Feet	172 ~ 280	172 ~ 200	300 ~ 450	172 ~ 250	250 ~ 387

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** Under Standard Installation & Lab Test Condition

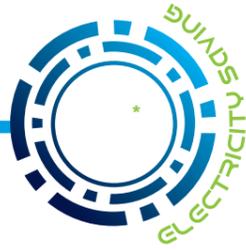
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ECO SMART HEAVY DUTY AIR CONDITIONER

Presenting India's Highest Energy Saving
1.1 Ton Eco Smart Heavy Duty AC with R410A
Refrigerant & with Maximum 3.96* EER.



SRK10CRS-S6 / SRK13CRS-S6

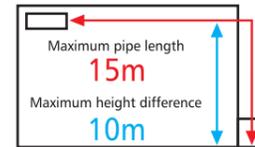


SRC05CR-S

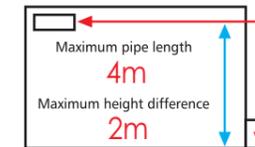


SRC10CRS-S6 / SRC13CRS-S6

Refrigerant Pipe Length



SRK10CRS-S6 / SRK13CRS-S6



SRK05CRS

Comfortable Air Flow Functions



Clean Air



Maintenance

Comfortable Function



Others



Convenient & Economy Functions



SRK05CRS

Comfortable Air Flow Functions



Others



Comfortable Function



Maintenance

Convenient & Economy Functions



SPECIFICATIONS		ECO SMART - HEAVY DUTY AC (R410A)		
	Unit	SRK05CR-S	SRK10CRS-S6	SRK13CRS-S6
MODEL	Indoor Unit	SRK05CR-S	SRK10CRS-S6	SRK13CRS-S6
	Outdoor Unit	SRC05CR-S	SRC10CRS-S6	SRC13CRS-S6
BEE Star Rating			5 STAR	5 STAR
Refrigerant Control & Expansion		Dual Capillary Expansion		
Compressor Type		Super Tropical - Return Cooled Rotary		
Power Source		1 Phase, 220 / 230 V, 50 Hz		
Maximum Cooling Capacity *	Ton	0.5	0.9	1.12
	Watts	1758	3077	3957
	BTU/h	6000	10500	13500
Maximum EER / COP *	W/w	4.68	4.15	3.96
BEE Rated Cooling Capacity	Ton	0.5	0.8	1.1
	W	1465	2700	3600
	BTU/h	5000	9212	12283
Input Power **	watts	300 ~ 375	550 ~ 740	700 ~ 1000
BEE Rated EER / COP	W/w	3.90	3.65	3.60
Current (minimum ~ maximum) **	A	1.5 ~ 1.8	3.0 ~ 3.3	4.0 ~ 4.7
Dimension (H x W x D)	Indoor Unit	mm	262 x 615 x 210	
	Outdoor Unit	mm	435x645(+50)x275	540 x 780 x 290 / 595 x 780 x 290
Weight	Indoor Unit	Kgs	6	9.5 / 9.5
	Outdoor Unit	Kgs	20	30 / 34
Air Flow (CMH)	Indoor Unit	m ³ /hr	510	650 / 750
Long Reach AirFlow Upto	Indoor Unit	Feet	8	15 / 20
Self Diagnosis Function	Indoor Unit		Yes	
Sound Level (H/M/L)	Indoor Unit	dB	38 / 34 / 31 / 38 / 34 / 31	
Louver Swing	Indoor Unit		2D	3D + 3D AUTO
Special Filter	Indoor Unit		Enzyme + Solar + Anti - Bacterial Filter	
Blower Fan	Indoor Unit		Anti - Micro Bial	
DC Fan Motor Speed	Indoor Unit		Auto / Powerful / High / Med / Low / Dry	
Refrigerant			R410	R410A
Refrigerant Injection in Coil	Indoor Unit		2 Point - Multi Port	4 Point - Multi Port
Refrigerant Piping	Liquid Line	mm	6.35 (1/4")	
	Gas Line	mm	9.52 (3/8")	9.52 (3/8") / 12.7 (1/2")
Main Power Supply to	Indoor Unit		Indoor Unit - 1.5mm ² X 3 cores	2.5 mm ² x 3 cores (earthing cable)
Connecting wiring	B/w IDU & ODU		1.5 mm ² x 3 cores (earthing cable)	
Area Coverage ***		Sq.Feet	50 ~ 75	100 ~ 140 / 129 ~ 172

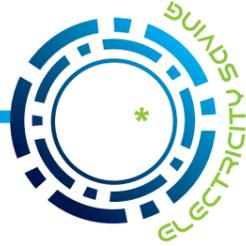
* Cooling Capacity is derived Maximum during evening & night when the temperature is less than 35°C

** Under Standard Installation & Lab Test Condition

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ECO SMART HEAVY DUTY AIR CONDITIONER

Presenting India's Highest Energy Saving
1.5 Ton Eco Smart Heavy Duty AC with R410A
Refrigerant & with Maximum 3.41* EER.



SRK24CS-S6/A



SRK18CS-S6



SRK12CR-S6

Comfortable Air Flow Functions



Maintenance



Others



Comfortable Function



Convenient & Economy Functions



SRC12CR-S6

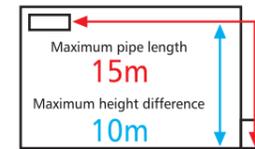


SRC18CS-S6

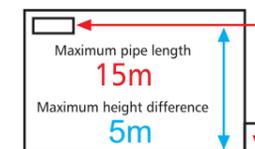


SRC24CS-S6/A

Refrigerant Pipe Length



SRK18CS-S6 /
SRK24CS-S6/A



SRK12CR-S6

SPECIFICATIONS		ECO SMART - HEAVY DUTY AC (R410A)		
Unit		SRK12CR-S6	SRK18CS-S6	SRK24CS-S6/A
MODEL	Indoor Unit	SRK12CR-S6	SRK18CS-S6	SRK24CS-S6/A
	Outdoor Unit	SRC12CR-S6	SRC18CS-S6	SRC24CS-S6/A
BEE Star Rating		3 STAR	3 STAR	4 STAR
Refrigerant Control & Expansion		Dual Capillary Expansion		
Compressor Type		Super Tropical - Return Cooled Rotary		
Power Source		1 Phase, 220 / 230 V, 50 Hz		
Maximum Cooling Capacity *	Ton	1.0	1.5	2.0
	Watts	3810	5569	7400
	BTU/h	13000	19000	25248
Maximum EER / COP *	W/w	3.38	3.41	3.94
BEE Rated Cooling Capacity	Ton	1.0	1.5	2.0
	W	3500	5280	7300
	BTU/h	12000	18015	24907
Input Power **	watts	850 ~ 1065	1400 ~ 1615	1880 ~ 2180
BEE Rated EER / COP	W/w	3.29	3.27	3.35
Current (minimum ~ maximum) **	A	4.0 ~ 5.0	6.5 ~ 7.1	8.5 ~ 9.5
Dimension (H x W x D)	Indoor Unit	mm	262 x 769 x 210	309 x 890 x 251
	Outdoor Unit	mm	595 x 780(+ 62)x 290	640 x 850 (+ 65) x 290
Weight	Indoor Unit	Kgs	8.5	14
	Outdoor Unit	Kgs	31	40
Air Flow (CMH)	Indoor Unit	m ³ /hr	700	1050
Long Reach AirFlow Upto	Indoor Unit	Feet	15	40
Self Diagnosis Function	Indoor Unit		Yes	
Sound Level (H/M/L)	Indoor Unit	dB	36 / 32 / 29	45 / 43 / 41
Louver Swing	Indoor Unit		2D	
Special Filter	Indoor Unit		Anti Bacterial	
Blower Fan	Indoor Unit		Non Anti - Micro Bial	
DC Fan Motor Speed	Indoor Unit		Auto / Powerful / High / Med / Low	
Refrigerant			R410A	
Refrigerant Injection in Coil	Indoor Unit		5 Point - Multi Port	
Refrigerant Piping	Liquid Line	mm	6.35 (1/4")	6.35 (1/4")
	Gas Line	mm	12.7 (1/2")	15.88 (5/8")
Main Power Supply to	Outdoor Unit		2.5 mm ² x 3 cores (including earthing)	
Connecting wiring	B/w IDU & ODU		1.5 mm ² x 4 cores (including earthing)	
Area Coverage ***		Sq.Feet	129 ~ 172	172 ~ 225
			200 ~ 300	

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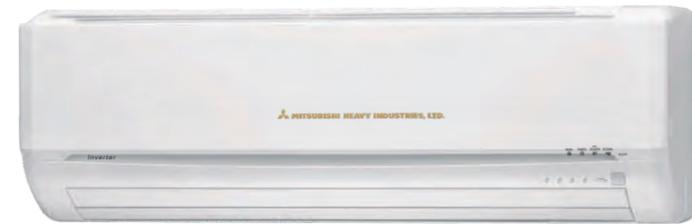
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ECO SMART HYPER INVERTER [COOLING ONLY]

SUPER HIGH EFFICIENCY
EXCELLENT ENERGY SAVING

Presenting India's Highest Energy Efficient 1.5 Ton
Eco Smart Hyper Inverter AC with R410A
Refrigerant & with 5.90** EER



SRK10YL-S / SRK13YL-S / SRK18YL-S



SRK24YRV-S1



**SUPER SILENT IN
LOW FAN**



Comfortable Air Flow Functions



Clean Air



Maintenance



Comfortable Function

Others



Convenient & Economy Functions

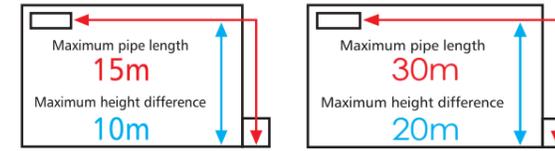


New Inverter Vector Control

New Inverter Control has applied new advanced technology of Vector control and has realized high efficiency.

- Smooth operation from low speed to high speed
- Energy efficiency is further improved in low speed range.
- Smooth Sine Voltage Wave form are attained

Refrigerant Pipe Length



SRK10YL-S / SRK13YL-S

SRK24YRV-S1



SRC10YL-S / SRC13YL-S



SRC18YL-S

SPECIFICATIONS		ECO SMART - HYPER INVERTER (R410A) - COOLING ONLY			
Unit		SRK10YL-S	SRK13YL-S	SRK18YL-S	SRK24YRV-S1
MODEL	Indoor Unit	SRK10YL-S	SRK13YL-S	SRK18YL-S	SRK24YRV-S1
	Outdoor Unit	SRC10YL-S	SRC13YL-S	SRC18YL-S	SRK24YRV-S1
Maximum Tonnage*		0.80	1.2	1.6	2.2
Compressor Type		Super Tropical - DC PAM Inverter - Return Cooled - Rotary			Twin Rotary
VFD - Variable Frequency Drive		Inverter Vector Control Technology for Higher Efficiency			
Minimum Compressor RPM		7 RPM - Using Vector Control Technology			
Refrigerant Volume Control Using		Motorized Electronic Expansion Valve for Variable Refrigerant Flow			
LCD Remote Control (iPM Controller)		iPM (Intelligent Power Module)			
Power Source		1 Phase, 220 / 230 V, 50 Hz			
Maximum Cooling Capacity*	BTU/hr	10200	14200	19100	26400
Minimum Cooling Capacity		3000	3000	4000	7847
Rated Cooling Capacity		9600	13200	18015	24225
Maximum Cooling Capacity*	Watts	2989	4161	5598	7750
Minimum Cooling Capacity		880	880	1172	2300
Rated Cooling Capacity		2814	3869	5280	7100
Maximum Power Consumption **	watts	670	1010	1650	2700
Minimum Power Consumption **		120	150	200	350
Rated Power Consumption **		500	800	1250	1850
EER / COP** at Maximum Cooling Capacity*		4.5	4.1	3.4	2.9
EER / COP** at Minimum Cooling Capacity		7.3	5.9	5.9	6.6
EER / COP** at Rated Cooling Capacity		5.6	4.8	4.2	3.84
Current (Minimum ~ Maximum) **	A	0.5 ~ 3.0	0.65 ~ 4.3	0.87 ~ 7.0	1.52 ~ 9.0
Dimension (H x W x D)	Indoor Unit	mm	268 x 790 x 213		339 x 1197 x 262
	Outdoor Unit	mm	540 x 780(+62) x 290	540 x 780(+62) x 290	595 x 780(+62) x 290
Weight	Indoor Unit	Kgs	9.0	9.0	10.0
	Outdoor Unit	Kgs	29	32	35
Cooling Coil Row	Indoor Unit	No.s	2	3	3
Air Flow (CMH)	Indoor Unit	m ³ /hr	600	790	1000
Long Reach Air Flow Upto	Indoor Unit	Feet	15	15	17
Self Diagnosis Function	Indoor Unit		Yes	Yes	Yes
Sound Level (H/M/L)	Indoor Unit	dB	39 / 30 / 22	39 / 30 / 22	45 / 38 / 26
Louver Swing	Indoor Unit		3D + 3D AUTO		
Special Filter	Indoor Unit		Enzyme + Solar + Anti Bacterial		
Fan	Indoor Unit		Anti - Micro Bial Fan		
DC Fan Motor Speed	Indoor Unit		Auto / Powerful / High / Medium / Low / Dry/ (Ultra Low-in-silent mode in SRK24YRV-S1)		
Refrigerant			R410A		
Refrigerant Injection in Coil			4 Point - Multi Port		
Refrigerant Piping Thickness:19Gauge(1mm)	Liquid Line	mm	6.35 (1/4")		
	Gas Line	mm	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")
Main Power Supply to	Outdoor Unit		2.5 mm ² x 3 cores (including earthing)		
Connecting wiring	B/w IDU & ODU		1.5 mm ² x 4 cores (including Earthing)		
Area Coverage ***		Sq.Feet	80 ~ 140	130 ~ 170	150 ~ 200

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**MITSUBISHI
HEAVY INDUSTRIES**

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