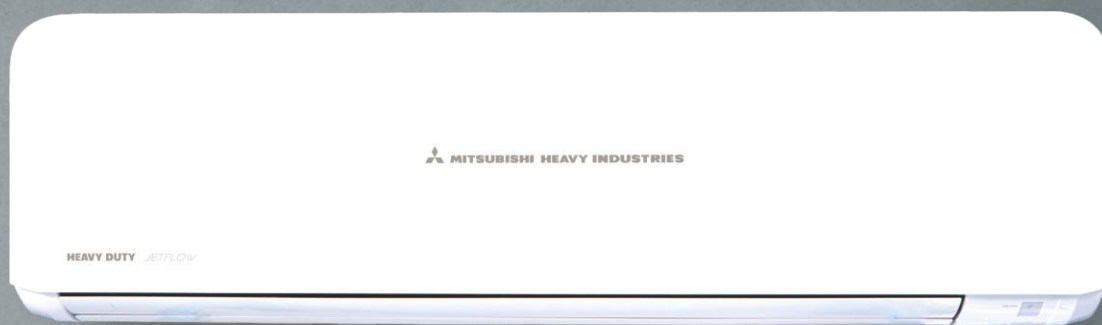




IAPL GROUP PVT. LTD.



日本品質



COOLING
HO TOH

HEAVY
DUTY

PRESENTING INDIA'S
FIRST **HEAVY DUTY**
HYBRID⁺
AIRCONDITIONER

Catalogue 2019



MITSUBISHI
HEAVY INDUSTRIES

AIR CONDITIONERS

HEAVY DUTY



Our Technologies, Your Tomorrow

Established Since - 1884

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 well being, energy saving and quality life.

For a better tomorrow

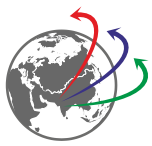
THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

Harmonizing People and technology on a global scale

As a global manufacturer, the fields in which Mitsubishi Heavy Industries work, knows 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.

TECHNOLOGY NEXT



IAPL GROUP PVT. LTD.

Vision for a Global Perspective

"Our determination to conduct business on a global scale is supported by, and reflected in, a fundamental philosophy: utilization of inherent business acumen & technological expertise accumulated over more than 40 years to assess changes that occur with the passage of time while continuously developing previously unexplored areas.



Shri. Jeevan Singh Chouhan
Chairman

Company Philosophy

We firmly believe that simple & direct method of operation brings about confidence in doing business more cohesively which strengthens our relation with our Dealers, our Channel partners in growth. Our increased involvement & deep collaboration with our Channel Partners makes the business simpler."



Shri. Aman Chouhan
Managing Director

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

IAPL Group 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.

Mitsubishi Heavy Industries Japan - Global Activity

135 years of technological innovations



Yataro Iwasaki,
founder of Mitsubishi



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

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



- 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



Our Technologies, Your Tomorrow

Established Since - 1884



- 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



- Oceanographic Research Ships
- Deep Submergence Research Vehicles
- Communications Satellite Rockets
- Space Transportation
- Rockets & Engines



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

INDUSTRIAL

LEISURE/LIFESTYLE

INFORMATION SYSTEM

DEVELOPMENT

DEFENCE

HYBRID AC gives 1.5 times bigger area coverage

compared to Conventional AC & still gives electricity saving upto 47%*



AREA COVERAGE TABLE

MODEL NO.	CAPACITY	AREA COVERAGE
SRK 05 CR-S	0.5 Ton	Upto* 6.96 sq.mtr.
SRK 10 CRS-S6	0.8 Ton	Upto* 13.00 sq.mtr.
SRK 12 / 13 CRS-S6	1.1 Ton	Upto* 15.97 sq.mtr.
SRK 15 CVV-W6	1.3 Ton	Upto* 17.18 sq.mtr.
SRK 18 CS-S6	1.5 Ton	Upto* 18.58 sq.mtr.
SRK 19 CVS-W6	1.6 Ton	Upto* 26.01 sq.mtr.
SRK 21 CNS-S6	1.5 Ton	Upto* 23.22 sq.mtr.
SRK 20 CSS-S6/A	1.6 Ton	Upto* 26.01 sq.mtr.
SRK 24 CW-S6	1.95 Ton	Upto* 32.5 sq.mtr.
SRK 24 CS-S6/A	2.0 Ton	Upto* 27.87 sq.mtr.
SRK 25 CWX-S6	1.95 Ton	Upto* 39.48 sq.mtr.
SRK 25 CSS-S6/A	2.2 Ton	Upto* 41.80 sq.mtr.

* Under Standard Installation & Lab Test Condition

As per BEE its 1.69 ton



HIGH CAPACITY MACHINES

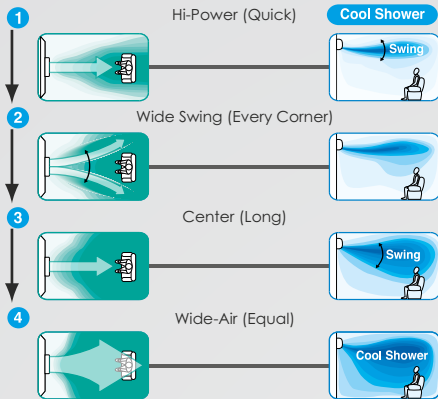
We have designed the machines using higher capacity compressor + Bigger condensor Unit for maximum heat rejection for better cooling & higher energy efficiency, there by we claim for Maximum Cooling Capacities.

CAPACITY	MAXIMUM COOLING CAPACITY
0.8 Ton	10500 BTU/hr.
1.1 Ton	13500 BTU/hr.
1.6 Ton	21000 BTU/hr.
2.2 Ton	26272 BTU/hr.



3D Air Flow

3D AIR VERTICAL + HORIZONTAL AIR SCROLL
3 MOTORS MAKE 3 INDEPENDENT CONTROLS



AUTO SETTING (3D AUTO)



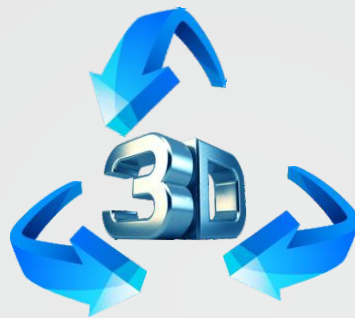
Thanks to automatic control of air flow volume and air flow direction, comfortable air conditioning of the entire room can be done effectively.

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.

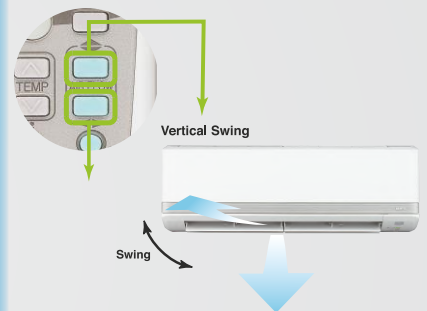
In heating operation warm air flows to the floor directly and spreads along the floor. Due to concentration of the warm air on the floor level, optimum comfort can be achieved.

MANUAL SETTING

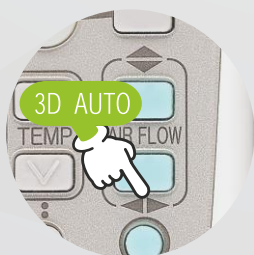
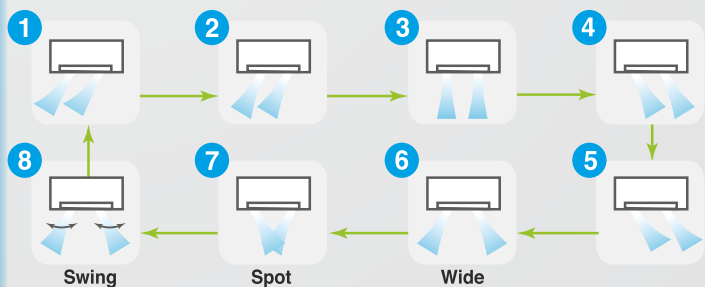
By individual control of right and left part of louver, air flow direction from the right part and the left part are controlled individually. Setting the most preferable air flow direction and determining whether direct air flow is required or not at the same time minimizing of energy loss and economical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



SURROUND COOLING



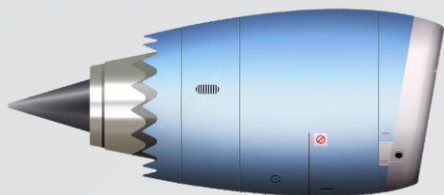
Horizontal Air Scroll 8 Direction Swing



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.

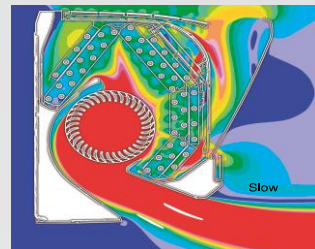
JET FLOW TECHNOLOGY

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.



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



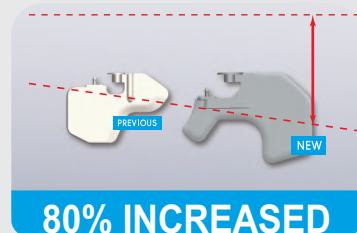
POSITIONING OF INSTALLATION

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.

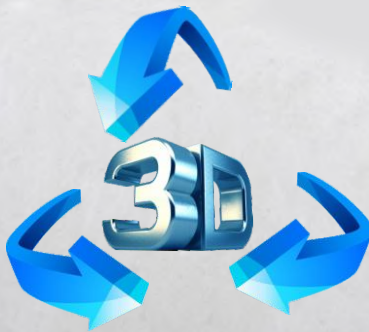
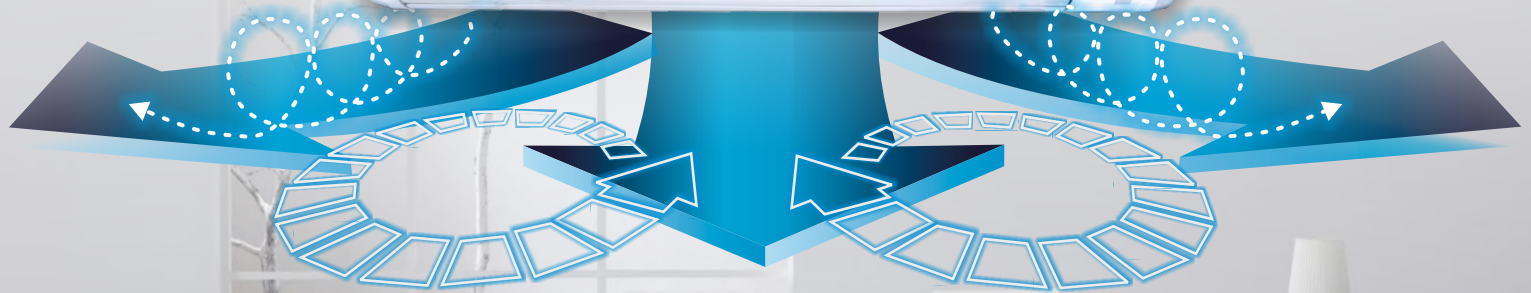


80% INCREASED

LONG REACH AIR FLOW



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



SURROUND COOLING

18.2 METERS*

SRK25CS-S6/A → 18.2 mtr / SRK20CS-S6/A → 17 mtr / SRK18CS-S6/A → 12 mtr
(2.2 Ton) (1.6 Ton) (1.5 Ton)

CLEAN AIR



24-Hour ION



AMOUNT OF NEGATIVE IONS AS A FOREST ENVIRONMENT

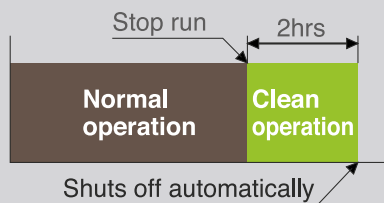
The air conditioner main body employs a tourmaline-coated sheet. The sheet generates negative ions around the clock. Even when the air conditioner is not running, it generates as many negative ion (2,500- 3,000/cc) as in a forest, stream or fall does, allowing you to experience them without incurring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



SELF CLEAN OPERATION

Always Keeping Indoor Unit Clean

"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"

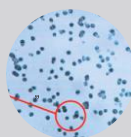
Fungal mycelia expand.



When you execute "Self Clean Operation"

The spore of mold doesn't germinate.

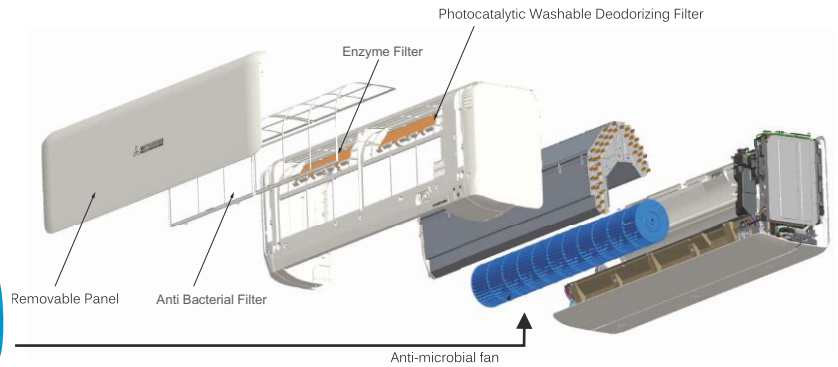
Spore of mold





FOR GERM FREE AIR
ANTI - MOULD
ANTI - BACTERIAL

ANTI-MICROBIAL 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.

- 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

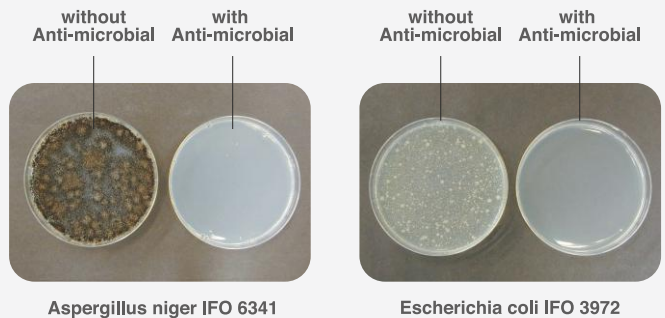
Testing Authority: Japan Food Analysis Center

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.

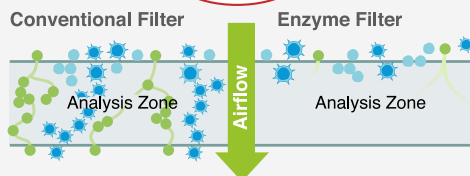
Comparison of growth of bacteria and mold on fan surfaces (microscopic image)



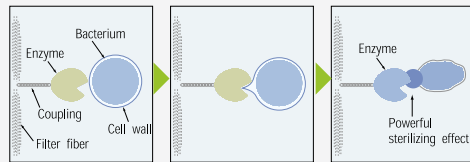
In tests conducted at the Mitsubishi Heavy Industries Nagoya Research Lab, 24 hrs after contact with bacteria, cultured on agar media.



First in the world



Enzyme's sterilizing mechanism



NATURAL ENZYME FILTER



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

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.



DEODORIZING SOLAR FILTER

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.



FEATURES GUIDE

FAN SPEED button

Each time the button is pushed, the indicator is switched over in turn.

HI POWER/ECONO button

This button changes the HIGH POWER/ ECONOMY mode.

TEMPERATURE button

This button sets the room temperature. (This button changes the present time and TIMER time.)

ON TIMER button


This button selects ON TIMER operation.

SLEEP button

This button changes to SLEEP operation.

CLEAN switch

This switch changes the CLEAN mode.



• The above illustration shows all controls, but in practice only the relevant parts are shown.

OPERATION MODE select button

Each time the button pushed, the indicator is switched over in turn.

ON/OFF (luminous) button

Press for starting operation, press again for stopping.

AIR FLOW (UP/DOWN) button

This button changes the air flow (up/down) mode.

AIR FLOW (LEFT/RIGHT) button

This button changes the air flow (left/right) mode.

3D AUTO button

This button sets 3D AUTO operation.

OFF TIMER button

This button selects OFF TIMER operation.

ACL switch

Switch for resetting microcomputer and setting time.

CANCEL button

This button cancels the ON timer, OFF timer, and SLEEP operation.



Electricity Saving

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.



Long Reach Air Flow

Jet air flow technology gives long reach airflow upto 15 mtr. 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.

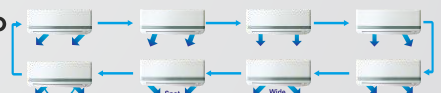


3D Air

3D Auto For Air Distribution in 108 Direction.



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 air conditioned.



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.



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 an Recyclable deodorizing filter usable repeatedly.



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.



Anti Micro Bial Fan

The blower fan has undergone anti- microbial treatment of 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.



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.



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.

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.

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.

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.



Compressor Overload Protection



Outdoor Abnormal Protection



Frost Protection



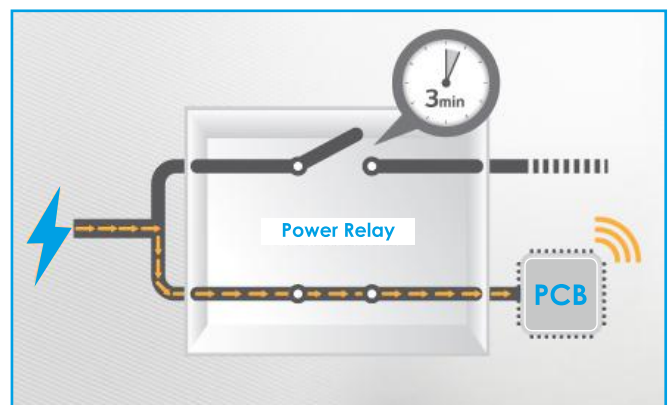
Fan Motor Protection



100% Copper

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

AUTO RESTART TIMER DELAY PROTECTION AGAINST VOLTAGE SURGE



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

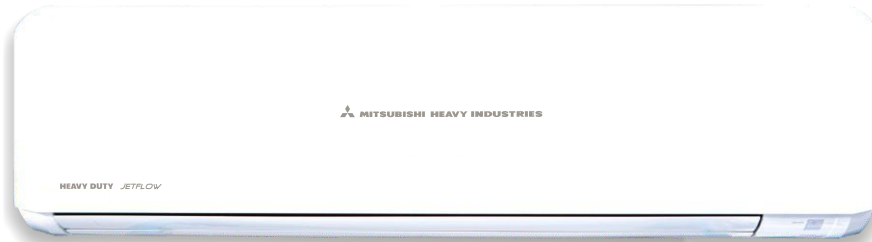


HYBRID⁺ AIRCONDITIONER

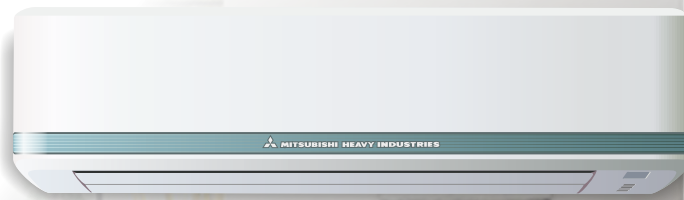
R410A
ECO-FRIENDLY

TURBOJET
ターボジェット

← 1.19 mtr →



SRK20CSS-S6/A (1.6[#] Ton) / SRK25CSS-S6/A (2.2 Ton)



SRK21CNS-S6 (1.5 Ton)



SURROUND COOLING

Features

Comfortable Air Flow Functions



Comfortable Function



Convenient & Economy Functions



Maintenance



Clean Air



Others



LONG REACH AIR FLOW

18.2 METERS*



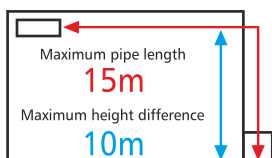
SRK25CS-S6/A → 18.2 mtr / SRK20CS-S6/A → 17 mtr
(2.2 Ton) (1.6 Ton)

SPECIFICATIONS

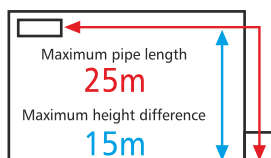


HYBRID* HEAVY DUTY AC (R410A)					
MODEL	Unit		SRK20CSS-S6/A	SRK21CNS-S6	SRK25CSS-S6/A
	Indoor Unit		SRK20CSS-S6/A	SRK21CNS-S6	SRK25CSS-S6/A
	Outdoor Unit		SRC20CSS-S6/A	SRC21CNS-S6	SRC25CSS-S6/A
Tonnage	Ton		1.6*	1.5	2.2
BEE - Star Rating -2019			3 Star	3 Star	3 Star
Refrigerant Control & Expansion			Dual Capillary Expansion		
Fixed Speed Compressor Type			Super Tropical - Return Cooled Rotary		
Power Source			1 Phase, 230 V, 50 Hz		
Maximum Cooling Capacity*		BTU/hr	20997	20997	26272
Rated Cooling Capacity at	100% Load		20216	18084	26017
Rated Cooling Capacity at	50% Load		Not Applicable for Fixed Speed AC		
Maximum Cooling Capacity*		Watts	6154	6154	7700
Rated Cooling Capacity at	100% Load		5925	5300	7625
Rated Cooling Capacity at	50% Load		Not Applicable for Fixed Speed AC		
Rated Power Consumption at	100% Load	watts	1485	1460	2050
Rated Power Consumption at	50% Load		Not Applicable for Fixed Speed AC		
Rated EER / COP at	100% Load	W/w	3.99	3.63	3.72
Rated EER / COP at	50% Load		Not Applicable for Fixed Speed AC		
BEE Rated Indian Seasonal Energy Efficiency Ratio	ISEER		3.99	3.63	3.72
Input Power ** (Minimum ~ Maximum)		Watts	1250 ~ 1485	1220 ~ 1460	1800 ~ 2050
Current (minimum ~ maximum) **		A	5.6 ~ 6.6	5.5 ~ 6.5	8.0 ~ 9.2
Dimension (H x W x D)	Indoor Unit	mm	339 x 1197 x 262	309 x 890 x 251	339 x 1197 x 262
	Outdoor Unit	mm	640 x 850 (+65) x 290	640 x 850 (+65) x 290	750 x 880 (+88) x 340
Weight	Indoor Unit	Kgs	17	15	17
	Outdoor Unit	Kgs	44	43	60
Air Flow (CMH)	Indoor Unit	m3/hr	1350	1100	1450
Long Reach AirFlow Upto	Indoor Unit	Meter	17.06	13.71	18.28
Sound Level (H/M/L)	Indoor Unit	dB	43 / 40 / 37	44 / 41 / 38	46 / 42 / 39
Louver Swing	Indoor Unit		3D + 3D AUTO		
Special Filter	Indoor Unit		Enzyme + Photocatalytic Deodorizing Filter + Anti Bacterial		
Blower Fan	Indoor Unit		Anti - Micro Bial		
DC Fan Motor Speed	Indoor Unit		Auto / Powerful / High / Med / Low/ Dry		
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 mm2 x 3 cores (including earthing cable)		
Connecting wiring between	IDU & ODU		2.5 mm2 x 4 cores (including earthing cable)		
Area Coverage ***	Sq. Meter		15.97 ~ 26.01	15.97 ~ 18.58	27.87 ~ 41.80

REFRIGERANT PIPE LENGTH



SRK20CSS-S6/A / SRK21CNS-S6



SRK25CSS-S6/A



SRC20CSS-S6/A / SRC21CNS-S6



SRC25CSS-S6/A

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

** Under Standard Installation & Lab Test Condition

As per BEE its 1.69 ton

*** 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

HYBRID⁺ AIRCONDITIONER

R410A
ECO-FRIENDLY



SRK10CRS-S6 (0.8 Ton) / SRK13CRS-S6 (1.1 Ton)



SRK05CRS (0.5 Ton)

Features

Comfortable Air Flow Functions



Clean Air



Maintenance



Others



Comfortable Function



Convenient & Economy Functions



Comfortable Air Flow Functions



Others



Comfortable Function



Maintenance



Convenient & Economy Functions

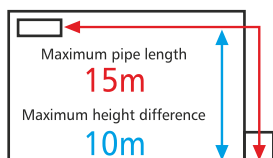


SPECIFICATIONS

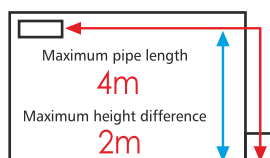


ECO SMART - HEAVY DUTY AC (R410A)				
MODEL	Unit		SRK05CR-S	SRK10CRS-S6
	Indoor Unit		SRK05CR-S	SRK10CRS-S6
	Outdoor Unit		SRC05CR-S	SRC10CRS-S6
Tonnage	Ton		0.5	1.1
BEE - Star Rating -2019			Not applicable	3 Star
Refrigerant Control & Expansion			Dual Capillary Expansion	
Fixed Speed Compressor Type			Super Tropical - Return Cooled Rotary	
Power Source			1 Phase, 230 V, 50 Hz	
Maximum Cooling Capacity*			5998	13501
Rated Cooling Capacity at	100% Load	BTU/hr	5000	12283
Rated Cooling Capacity at	50% Load		Not Applicable for Fixed Speed AC	
Maximum Cooling Capacity*			1758	3957
Rated Cooling Capacity at	100% Load	Watts	1465	3600
Rated Cooling Capacity at	50% Load		Not Applicable for Fixed Speed AC	
Rated Power Consumption at	100% Load	watts	375	1000
Rated Power Consumption at	50% Load		Not Applicable for Fixed Speed AC	
Rated EER / COP at	100% Load	W/w	3.91	3.60
Rated EER / COP at	50% Load		Not Applicable for Fixed Speed AC	
BEE Rated Indian Seasonal Energy Efficiency Ratio	ISEER		Not applicable	3.60
Input Power ** (Minimum ~ Maximum)		Watts	300 ~ 375	700 ~ 1000
Current (minimum ~ maximum) **		A	1.5 ~ 1.8	4.0 ~ 4.7
Dimension (H x W x D)	Indoor Unit	mm	262 x 615 x 210	268 x 790 x 213
	Outdoor Unit	mm	435x645(+50)x275	540 x 780 x 290
Weight	Indoor Unit	Kgs	6	9.5
	Outdoor Unit	Kgs	20	34
Air Flow (CMH)	Indoor Unit	m3/hr	510	750
Long Reach AirFlow Upto	Indoor Unit	Meter	2.43	6.09
Sound Level (H/M/L)	Indoor Unit	dB	38 / 34 / 26	38 / 34 / 31
Louver Swing	Indoor Unit		2D	3D + 3D AUTO
Special Filter	Indoor Unit		Anti - Bacterial	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 Injection in Coil	Indoor Unit		2 Point - Multi Port	4 Point - Multi Port
Refrigerant Piping	Liquid Line	mm	6.35 (1/4")	6.35 (1/4")
	Gas Line	mm	9.52 (3/8")	12.7 (1/2")
Main Power Supply to	Indoor Unit		2.5 mm2 x 3 cores (earthing cable)	
Connecting wiring between	B/w IDU &		2.5 mm2 x 4 cores (earthing cable)	
Area Coverage ***	Sq. Meter		4.64 ~ 6.96	11.98 ~ 15.97

REFRIGERANT PIPE LENGTH



SRK10CRS-S6 / SRK13CRS-S6



SRK05CRS



SRC05CR-S



SRC10CRS-S6 / SRC13CRS-S6

* 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

HEAVY DUTY AIRCONDITIONER

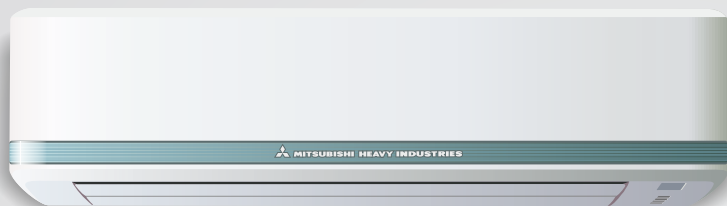
R410A
ECO-FRIENDLY

TURBOJET
ターボジェット

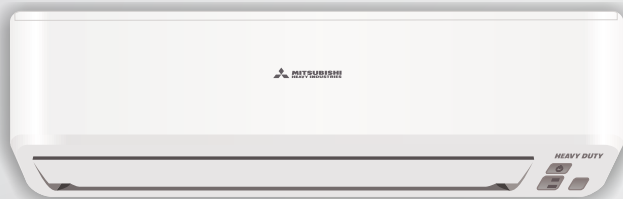
← 1.19 mtr →



SRK24CS-S6/A (2.0 Ton)



SRK18CS-S6 (1.5 Ton)



SRK12CR-S6 (1.0 Ton)

Features

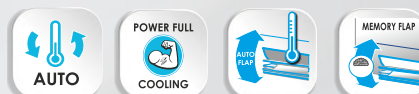
Comfortable Air Flow Functions



Convenient & Economy Functions



Comfortable Function



Others



Maintenance

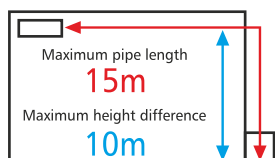


SPECIFICATIONS

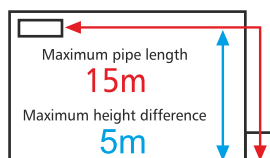


ECO SMART - HEAVY DUTY AC (R410A)					
MODEL	Unit		SRK12CR-S6	SRK18CS-S6	SRK24CS-S6/A
	Indoor Unit		SRK12CR-S6	SRK18CS-S6	SRK24CS-S6/A
	Outdoor Unit		SRC12CR-S6	SRC18CS-S6	SRC24CS-S6/A
Tonnage	Ton		1.0	1.5	2.0
BEE - Star Rating -2019			1 Star	1 Star	2 Star
Refrigerant Control & Expansion			Dual Capillary Expansion		
Fixed Speed Compressor Type			Super Tropical - Return Cooled Rotary		
Power Source			1 Phase, 230 V, 50 Hz		
Maximum Cooling Capacity*		BTU/hr	13000	19001	25249
Rated Cooling Capacity at	100% Load		12000	18015	24908
Rated Cooling Capacity at	50% Load		Not Applicable for Fixed Speed AC		
Maximum Cooling Capacity*		Watts	3810	5569	7400
Rated Cooling Capacity at	100% Load		3500	5280	7300
Rated Cooling Capacity at	50% Load		Not Applicable for Fixed Speed AC		
Rated Power Consumption at	100% Load	watts	1065	1615	2180
Rated Power Consumption at	50% Load		Not Applicable for Fixed Speed AC		
Rated EER / COP at	100% Load	W/w	3.29	3.27	3.35
Rated EER / COP at	50% Load		Not Applicable for Fixed Speed AC		
BEE Rated Indian Seasonal Energy Efficiency Ratio	ISEER		3.29	3.27	3.35
Input Power ** (Minimum ~ Maximum)		Watts	850 ~ 1065	1400 ~ 1615	1880 ~ 2180
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	339 x 1197 x 262
	Outdoor Unit	mm	595 x 780(+ 62)x 290	640 x 850 (+ 65) x 290	640 x 850 (+ 65) x 290
Weight	Indoor Unit	Kgs	8.5	14	17
	Outdoor Unit	Kgs	31	40	47
Air Flow (CMH)	Indoor Unit	m3/hr	700	1050	1300
Long Reach AirFlow Upto	Indoor Unit	Meter	4.57	12.19	17.06
Sound Level (H/M/L)	Indoor Unit	dB	36 / 32 / 29	45 / 43 / 41	46 / 42 / 39
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 Injection in Coil	Indoor Unit		5 Point - Multi Port		
Refrigerant Piping	Liquid Line	mm	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
	Gas Line	mm	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")
Main Power Supply to	Outdoor Unit		2.5 mm2 x 3 cores (including earthing)		
Connecting wiring between	IDU & ODU		2.5 mm2 x 4 cores (including earthing)		
Area Coverage ***	Sq. Meter		11.98 ~ 15.97	15.97 ~ 20.90	18.58 ~ 27.87

REFRIGERANT PIPE LENGTH



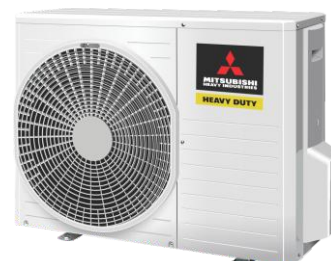
SRK18CS-S6 / SRK24CS-S6/A



SRK12CR-S6



SRK12CR-S6



SRC18CS-S6 / SRC24CS-S6/A

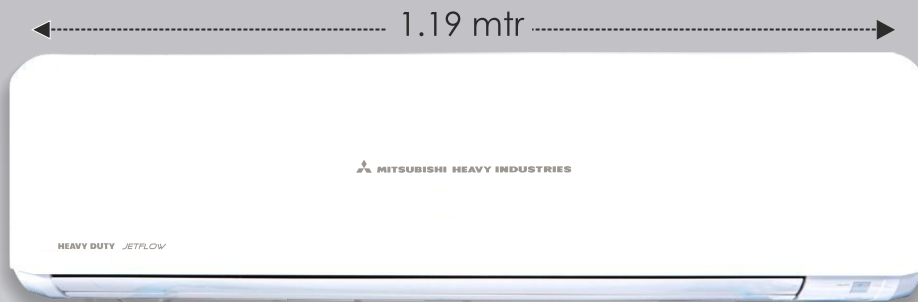
* Cooling Capacity is derived Maximum during evening & night when the temperature is less than 31°C

** Under Standard Installation & Lab Test Condition

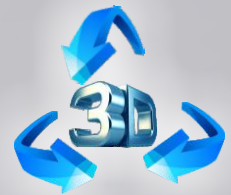
*** Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned. Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without any prior notice

ISEER = INDIAN SEASONAL ENERGY EFFICIENCY RATIO

TURBOJET
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SRK24CW-S6 (1.95 Ton) / SRK25CWX-S6 (1.95 Ton)



SURROUND COOLING



Features

Comfortable Air Flow Functions



Comfortable Function



Others



Clean Air



Convenient & Economy Functions



Maintenance



Protection



LONG REACH AIR FLOW

18.2 METERS*

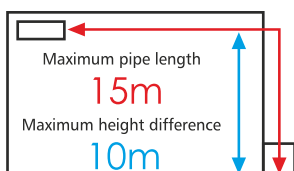


SPECIFICATIONS

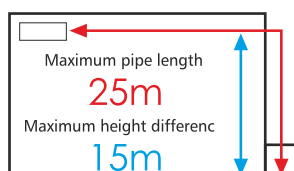


SPECIFICATIONS	HYBRID+ HEAVY DUTY AC (R410A)					
MODEL	Unit		SRK24CW-S6		SRK25CWX-S6	
	Indoor Unit		SRK24CW-S6		SRK25CWX-S6	
	Outdoor Unit		SRC24CW-S6		SRC25CWX-S6	
Tonnage	Ton		1.95		1.95	
BEE - Star Rating - 2019			3 Star		4 Star	
Refrigerant Control & Expansion			Dual Capillary Expansion			
Fixed Speed Compressor Type			Super Tropical - Return Cooled Rotary			
Power Source			1 Phase, 230 V, 50 Hz			
Rated Cooling Capacity at	100% Load	BTU/hr	23406		23458	
Rated Cooling Capacity at	50% Load		Not Applicable for Fixed Speed AC			
Rated Cooling Capacity at	100% Load	Watts	6860		6875	
Rated Cooling Capacity at	50% Load		Not Applicable for Fixed Speed AC			
Rated Power Consumption at	100% Load	watts	1820		1635	
Rated Power Consumption at	50% Load		Not Applicable for Fixed Speed AC			
Rated EER / COP at	100% Load	W/w	3.77		4.20	
Rated EER / COP at	50% Load		Not Applicable for Fixed Speed AC			
BEE Rated Indian Seasonal Energy Efficiency Ratio	ISEER		3.77		4.20	
Input Power ** (Minimum ~ Maximum)		Watts	1570 ~ 1820		1385 ~ 1635	
Current (minimum ~ maximum) **		A	7.0 ~ 8.1		6.2 ~ 7.3	
Dimension (H x W x D)	Indoor Unit	mm	339 x 1197 x 262		339 x 1197 x 262	
	Outdoor Unit	mm	640 x 800 (+71) x 290		750 x 880 (+88) x 340	
Weight	Indoor Unit	Kgs	17		17	
	Outdoor Unit	Kgs	47		63.5	
Air Flow (CMH)	Indoor Unit	m3/hr	1300		1400	
Long Reach AirFlow Upto	Indoor Unit	Meter	17.06		18.29	
Sound Level (H/M/L)	Indoor Unit	dB	46 / 42 / 39		47 / 43 / 40	
Louver Swing	Indoor Unit		2D		3D + 3D AUTO	
Special Filter	Indoor Unit		Natural Enzyme + Photocatalytic Deodorizing Filter + Anti Bacterial			
Blower Fan	Indoor Unit		Anti - Micro Bial			
DC Fan Motor Speed	Indoor Unit		Auto / Powerful / High / Med / Low/ Dry			
Refrigerant			R410A			
Refrigerant Piping	Liquid Line	mm	6.35 (1/4")		6.35 (1/4")	
	Gas Line	mm	15.88 (5/8")		15.88 (5/8")	
Main Power Supply to	Outdoor Unit		2.5 mm 2 x 3 cores (including earthing cable)			
Connecting wiring between	IDU & ODU		2.5 mm 2 x 4 cores (including earthing cable)			
Area Coverage ***	Sq. Meter		23.22 ~ 32.5		27.88 ~ 37.17	

REFRIGERANT PIPE LENGTH



SRK24CW-S6



SRK25CWX-S6



SRK24CW-S6



SRK25CWX-S6

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

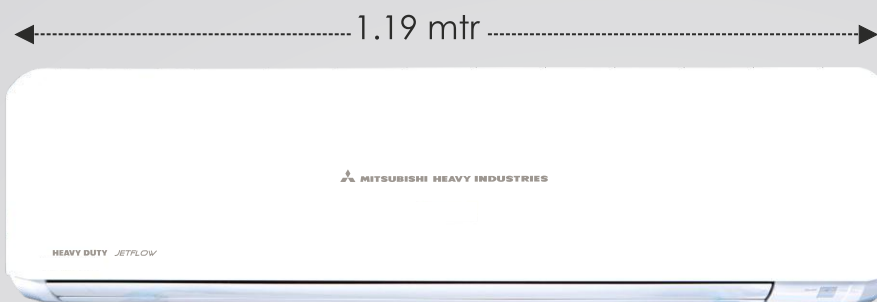
** Under Standard Installation & Lab Test Condition

Model SRK24CW-S6 with 2D Air flow only

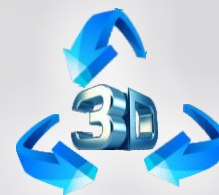
Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without any prior notice

*** Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned.

TURBOJET
ターボジェット



SRK19CVS-W6 (1.6 Ton)



SURROUND COOLING



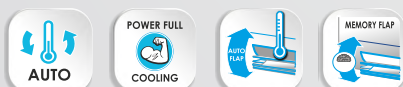
SRK15CVV-W6 (1.3 Ton)

Features

Comfortable Air Flow Functions



Comfortable Function



Others



Clean Air



Convenient & Economy Functions



Maintenance



Protection



LONG REACH AIR FLOW

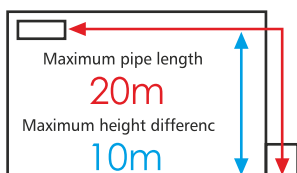
17 METERS*



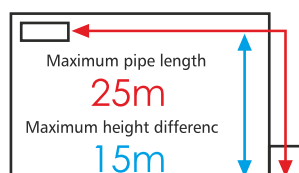
SPECIFICATIONS

SPECIFICATIONS			HYBRID+ HEAVY DUTY AC (R32)	
MODEL	Unit		SRK15CVV-W6	SRK19CVS-W6
	Indoor Unit		SRK15CVV-W6	SRK19CVS-W6
	Outdoor Unit		SRC15CVV-W6	SRC19CVS-W6
Tonnage	Ton		1.3	1.6
BEE - Star Rating - 2019			3 Star	4 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*			15637	20339
Rated Cooling Capacity at	100% Load	BTU/hr	14695	19114
Rated Cooling Capacity at	50% Load		Not Applicable for Fixed Speed AC	
Maximum Cooling Capacity*			4583	5961
Rated Cooling Capacity at	100% Load	Watts	4307	5602
Rated Cooling Capacity at	50% Load		Not Applicable for Fixed Speed AC	
Rated Power Consumption at	100% Load	watts	1150	1317
Rated Power Consumption at	50% Load		Not Applicable for Fixed Speed AC	
Rated EER / COP at	100% Load	W/w	3.75	4.25
Rated EER / COP at	50% Load		Not Applicable for Fixed Speed AC	
BEE Rated Indian Seasonal Energy Efficiency Ratio		ISEER	3.75	4.25
Input Power ** (Minimum ~ Maximum)		Watts	850 ~ 1150	1100 ~ 1317
Current (minimum ~ maximum) **		A	4.3 ~ 6.2	5.0 ~ 6.0
Dimension (H x W x D)	Indoor Unit	mm	290 x 870 x 230	339 x 1197 x 262
	Outdoor Unit	mm	595 x 780 (+62) x 290	640 x 800 (+71) x 290
Weight	Indoor Unit	Kgs	11	17
	Outdoor Unit	Kgs	34	46
Air Flow (CMH)	Indoor Unit	m3/hr	850	1300
Long Reach AirFlow Upto	Indoor Unit	Meter	6.09	17.06
Sound Level (H/M/L)	Indoor Unit	dB	41 / 36 / 29	40 / 37 / 34
Louver Swing	Indoor Unit		2D	3D + 3D AUTO
Special Filter	Indoor Unit		Natural Enzyme + Photocatalytic Deodorizing Filter + Anti Bacterial	
Blower Fan	Indoor Unit		Anti - Micro Bial	
DC Fan Motor Speed	Indoor Unit		Auto / Powerful / High / Med / Low / Dry	
Refrigerant			R32	
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 cable)	
Connecting wiring between	IDU & ODU		2.5 mm 2 x 4 cores (including earthing cable)	
Area Coverage ***	Sq. Meter		12.54 ~ 17.18	15.97 ~ 26.01

REFRIGERANT PIPE LENGTH



SRK15CVV-W6



SRK19CVS-W6



SRK15CVS-W6



SRK19CVS-W6

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

** Under Standard Installation & Lab Test Condition # Model SRK15CVV-W6 with 2D Airflow only.

*** 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

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Our Motto
"Customer Satisfaction Index No.-1"



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.

Mitsubishi Heavy Industries- Mahajak Air Conditioners Co.Ltd. Lat krabang Industries Estate, Phase 3, 200 Moo 4, Chalongkrung Road, Lamplatiew, Lat krabang, Bangkok Thailand 10520

Sales, Service & Marketing Headquarter (India)



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Tel.: 011-47230000-99, Toll Free No.: 1800 102 0055
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Sales, Service Office in India

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Our factories are ISO9001 and ISO14001 certified.

Certified ISO 9001

Certified ISO 14001



SHALUBA PLANT
Mitsubishi Heavy Industries, Ltd.
Air conditioning & Refrigeration Systems Division
Certificate number: J24-018

SHALUBA PLANT
Mitsubishi Heavy Industries, Ltd.
Air conditioning & Refrigeration Systems Division
Certificate number: J24-018

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MAHAK AIR CONDITIONERS CO., LTD.
Certificate Number: 011011881805

MITSUBISHI HEAVY INDUSTRIES
MAHAK AIR CONDITIONERS CO., LTD.
Certificate Number: 011011881812