MADE IN THA







HYBRID HYPER AIRCONDITIONER INVERTER





Established Since - 1884

MOVE THE WORLD FORW RD

At Mitsubishi Heavy Industries Group, we bring people, businesses and ideas as one, to pave the way to a future of shared success. Utilizing our proven, forward-thinking approach and deep industry knowledge, we offer world-class innovative and integrated solutions across a wide range of industries and technologies, from planning to execution. Passionately seeking new, simpler and sustainable ways, we work with our clients and partners around the globe to create a better future for everyone who shares our planet.



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.

Our Vision > Your Future

Vision for a Global Perspective

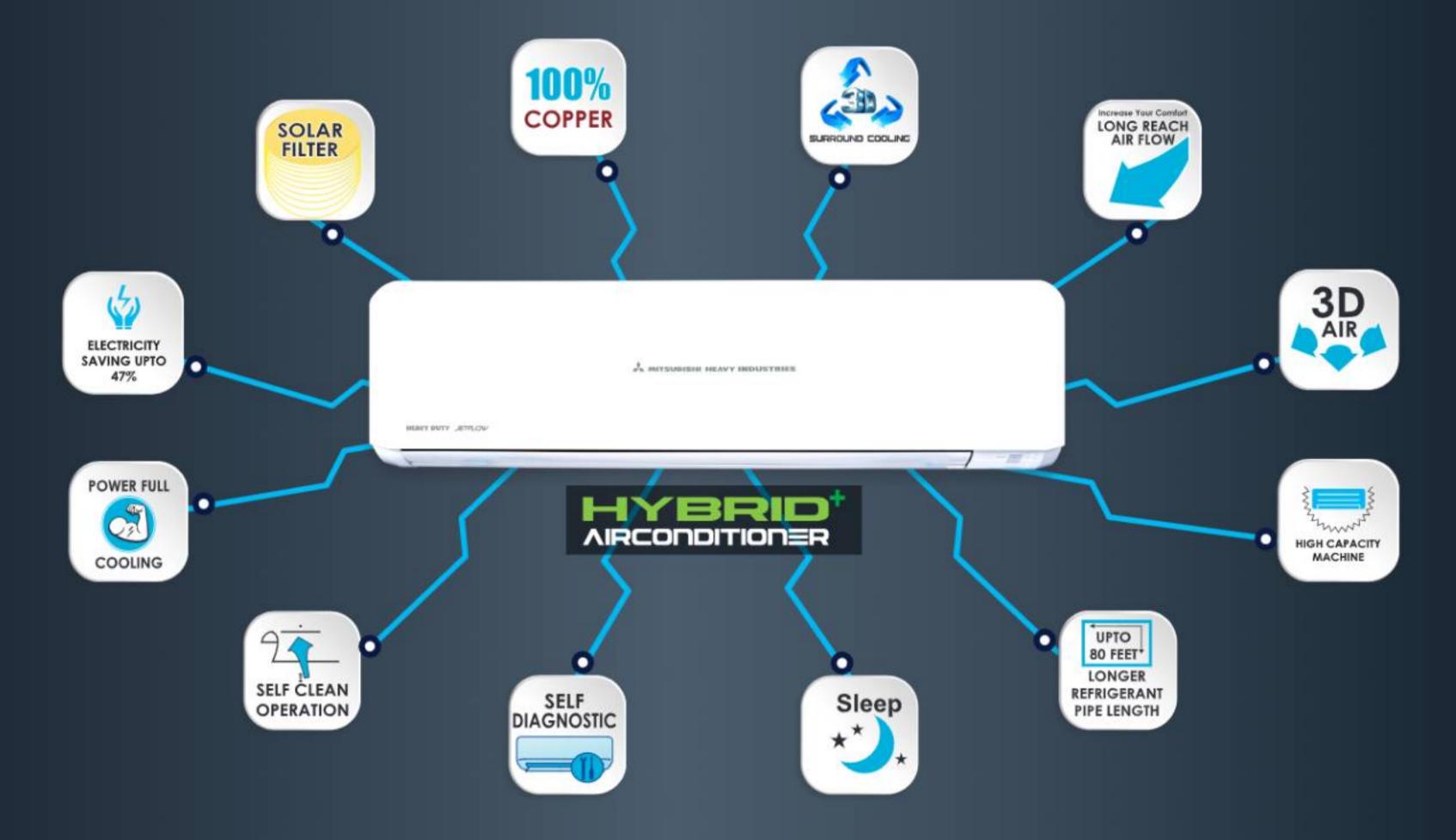
"Our determination to conduct business on a global scale is supported by, and reflected in, a fundamental philosophy: utilization of inherent business acumen & technological expertise accumulated over more than 40 years to assess changes that occur with the passage of time while continuously developing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

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."

IAPL Group 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-fl edged 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.

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 13 CRS-S6	1.1 Ton	Upto 15.97 sq.mtr.***
SRK 15 CXS-W6	1.3 Ton	Upto 17.18 sq.mtr.***
SRK 20CXS-W6	1.6 Ton	Upto 23.23 sq.mtr.***
SRK 20 CSS-S6/A	1.6* Ton # As per BEE its 1.69 ton	Upto 26.01 sq.mtr.***
SRK 24 CW-S6	1.95 Ton	Upto 32.5 sq.mtr.***
SRK 25 CWX-S6	1.95 Ton	Upto 37.17 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.

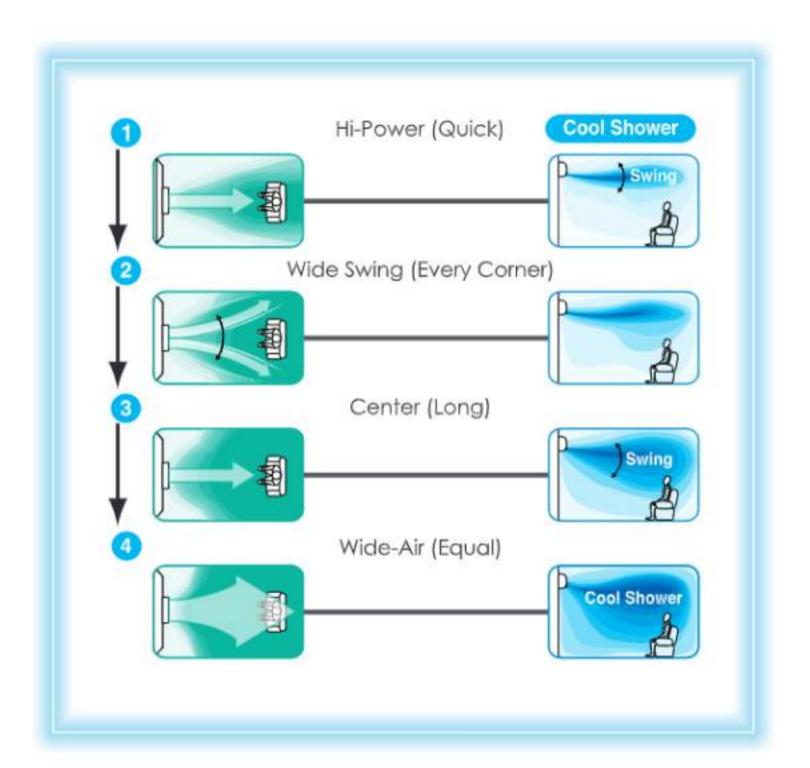
CAPACITY	MAXIMUM COOLING CAPACITY		
1.1 Ton	13500 BTU/hr.		
1.6 Ton	21000 BTU/hr.		
2.2 Ton	26272 BTU/hr.		



^{***} Customers need to seek guidance from the Authorized Dealer / Expert for the AC unit capacity selection before ordering any AC unit. Area coverage is subject to checking of the site conditions like - Terrace / Wall / Glass windows exposed to direct sunlight, of the area to be Air- conditioned & room temperature requirement & outdoor temperature conditions. Company will not be responsible if there will be cooling issues due to improper selection of capacity of the AC units.

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.

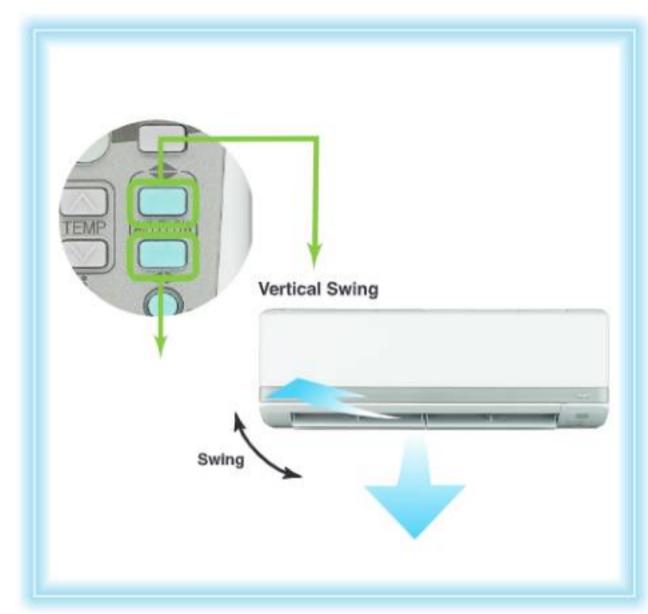
In cooling operation cooled air flows directly to the ceiling. The cooled air does not flow directly to the occupants of the room and the comfort cooled air flow comes from the ceiling like a soft shower.

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.

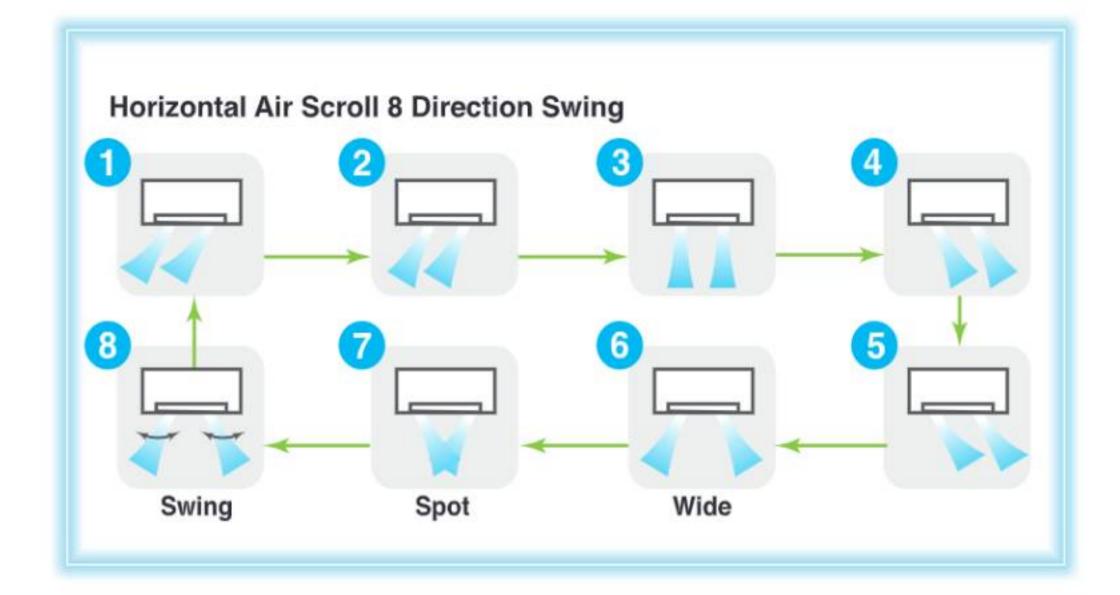
MANUAL SETTING

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.









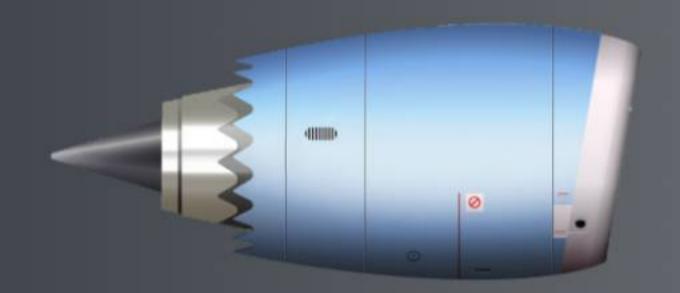




3D AUTO is one touch programmed and three motors (one vertical working motor + two horizontal working motors) make three independent air flow controls. The air flow is uniform and quiet and reaches at long distance points from the blower.

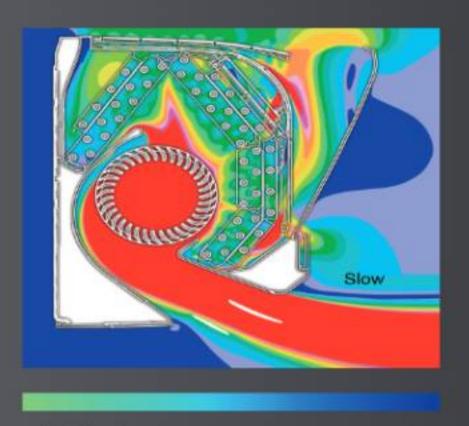
JET FLOW TECHNOLOGY

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 ← 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.

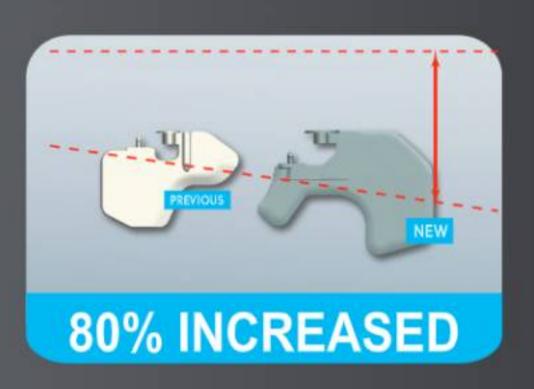






NEW LOUVER

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.





LONG REACH AIR FLOW

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



Silent Operation Indoor Unit (Hyper Inverter Series)









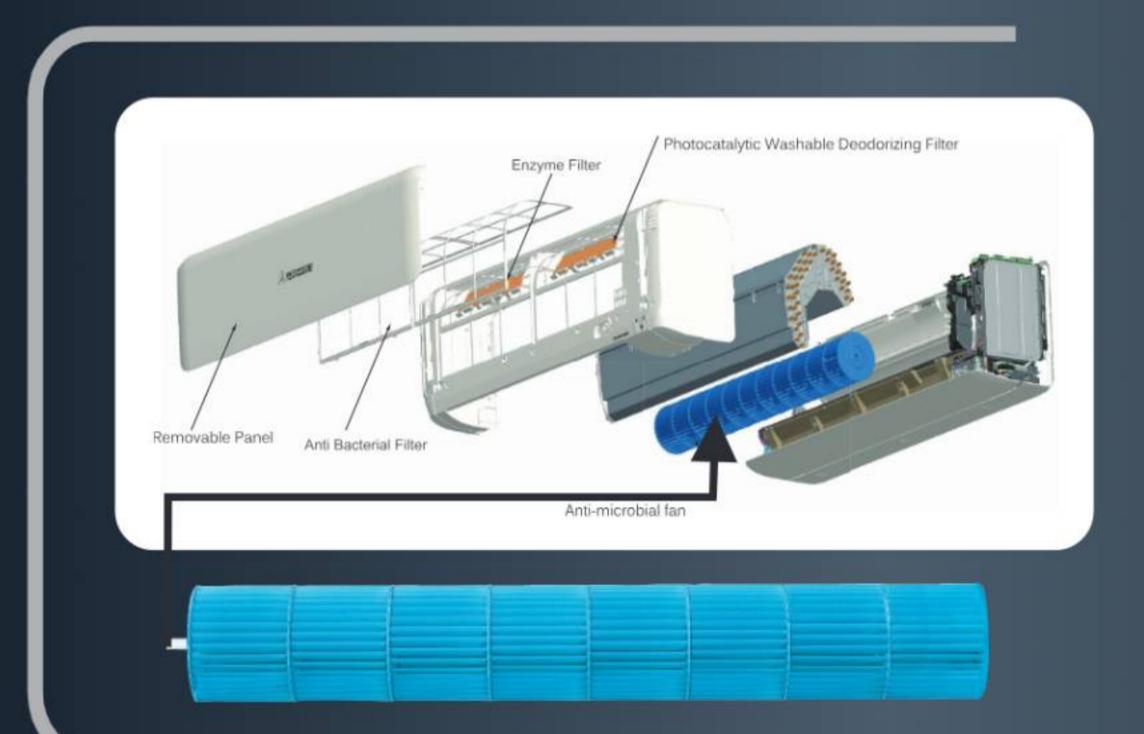
High Power Operation

In a cooling operation

This operation mode delivers powerful cool air to cool the room quickly. It blows powerful cool air when you want to be cooled down after bathing or returning home on a hot summer day so that you can enjoy a cool sensation immediately. The air conditioner automatically returns to the previous operation mode in 15 minutes to prevent the room from being cooled excessively.

SRK24YVS-W6 (2.2 Ton) -> 18.28 Meter**







FOR CERM FREE AIR ANTI - MOULD ANTI - BACTERIAL

CLEAR OPERATION

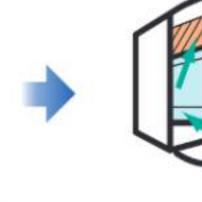
(Available only in: SRK13YXS-W6, SRK13YYM-W6 SRK24YYM-W6)

This can be activated by pressing the "allergen" button on the remote control and lasts 90 minutes before stopping automatically. It neutralizes all the bacteria collected on the surface of the anti-allergenic filter thanks to its sophisticated interaction between temperature and humidity controls.













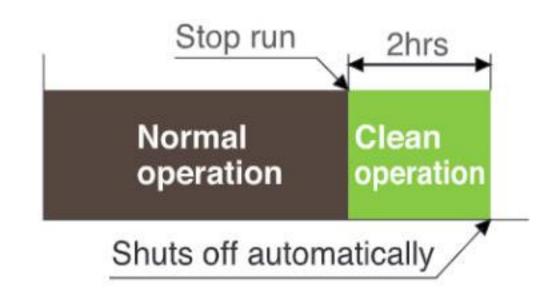
Push ALLERGEN Mode

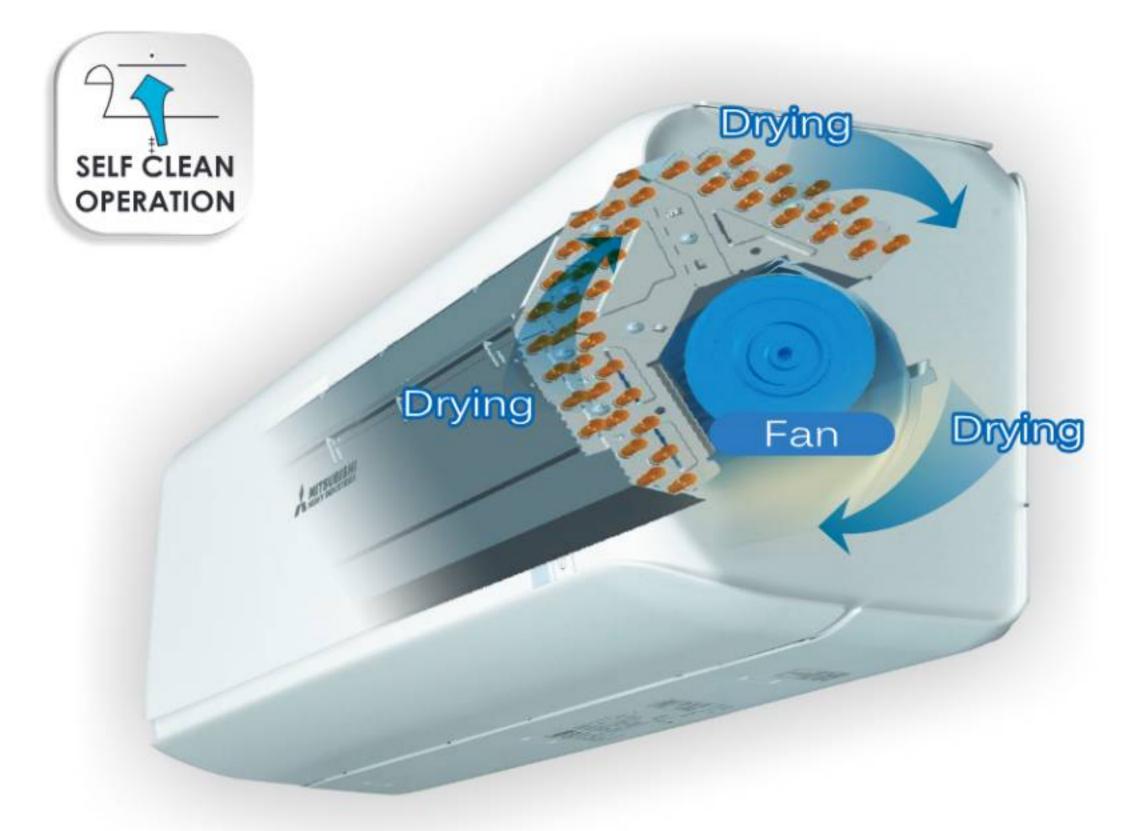
Heating Operation To give moisture to the Filter to inactivate allergen To make condensing water.

Self-Clean Operation To dry up the indoor unit

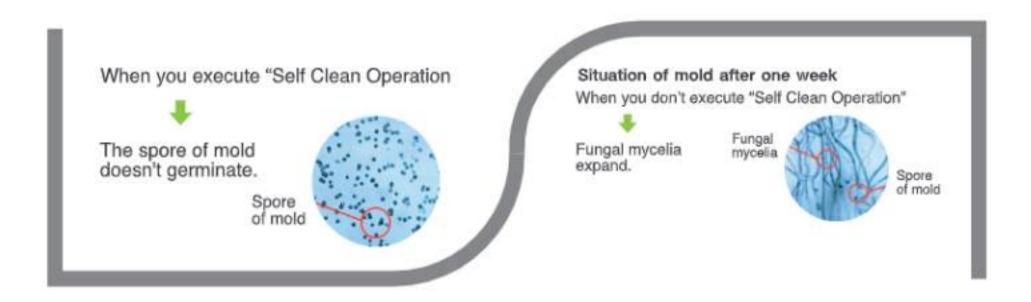
SELF CLEAN OPERATION

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.





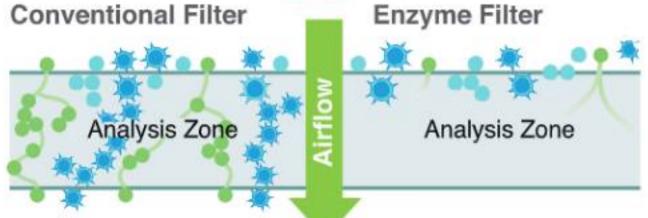
Always Keeping Indoor Unit Clean



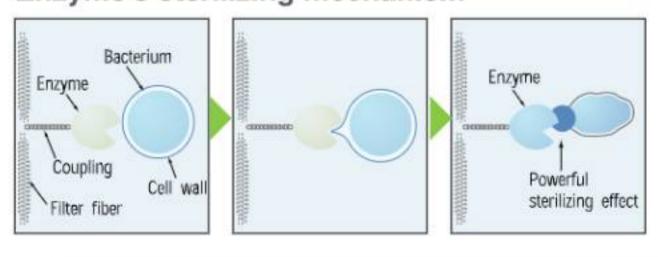
ENZYME

FILTER





Enzyme's sterilizing mechanism



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 FILTED

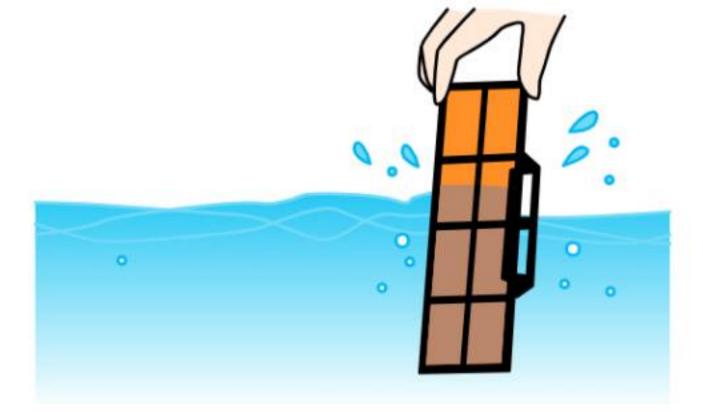
Natural Solar Filter

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.

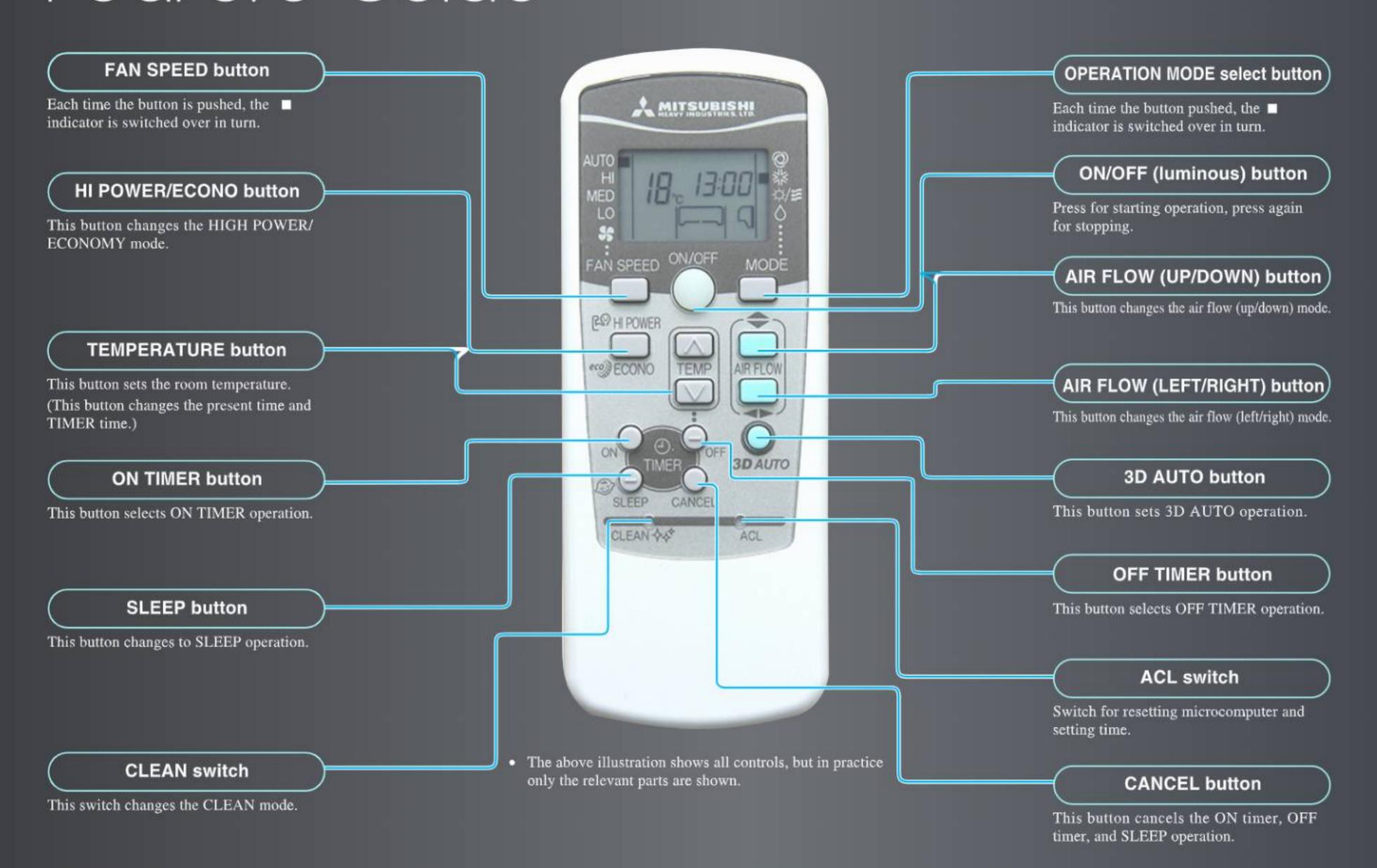


The deodorizing ability of this filter can be easily restored simply by cleaning and exposing to the sunlight





Feature Guide





Electricity Saving

Hybrid AC For Electricity Saving Upto 47%*





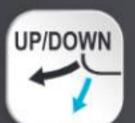
Jet Air Flow

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.





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.



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.



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.



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, ets. 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.

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.

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.

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.



Backup Switch

On the main unit, these 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.



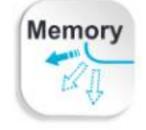
Sleep Mode

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



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.



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.



24h Timer

o ff

On/Off Timer

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



Control

Cordless Remote Control



FROST PREVENTION FOR HEAT EXCHANGER

INDOOR FAN MOTOR PROTECTION

ABNORMALITY OF OUTDOOR UNIT

OVER CURRENT PROTECTION

COMPRESSOR OVERHEAT PROTECTION

SIGNAL TRANSMISSION ERROR PROTECTION



SENSOR DISCONNECTION PROTECTION

ROOM TEMPERATURE SENSOR

INDOOR HEAT EXCHANGER TEMPERATURE SENSOR

OUTDOOR HEAT EXCHANGER TEMPERATURE SENSOR

DISCHARGE PIPE TEMPERATURE SENSOR

OUTDOOR AIR TEMPERATURE SENSOR

HYBRID+ AIRCONDITIONER





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



A MITSUBISHI HEAVY INDUSTRIES

SRK20CXS-W6 (1.6Ton) R32

HEAVY DUTY JETFLOW



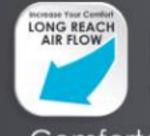
A MITRUBISHI

SRK 15CXS-W6 (1.3 Ton) (R32)



eatures

Comfortable Air Flow Functions



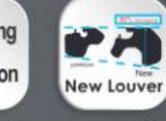














Comfortable Function













SOLAR

FILTER





ANTI MICRO BIAL FAN



SELF CLEAN

OPERATION

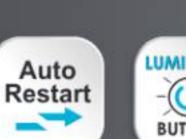


Maintenance



BACK-UP SWITCH







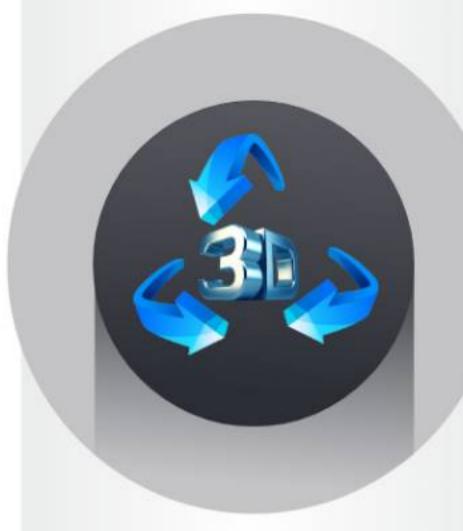
100%

COPPER



FILTER





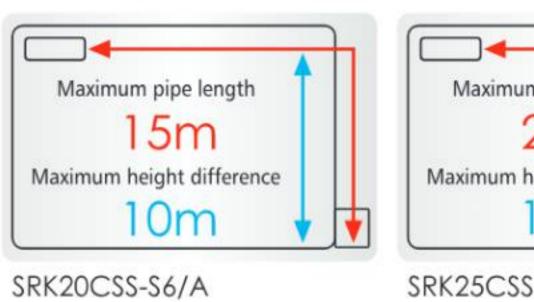
SRK25CSS-S6/A (2.2Ton)→

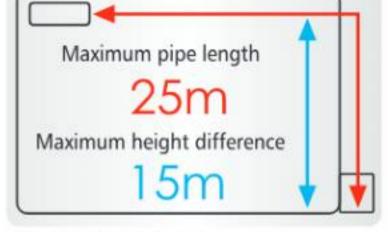
SRK20CSS-S6/A (1.6#Ton) ___ SRK20CXS-W6 (1.6Ton)

18.2 Meters** 17.0 Meters**

Specifications			HYBRID+ HEAVY	DUTY AC (R410A)	HYBRID+ HEAVY	DUTY AC (R32)	
MODEL	Unit		SRK20CSS-S6/A	SRK25CSS-S6/A	SRK15CXS-W6	SRK20CXS-W6	
	Indoor Unit		SRK20CSS-S6/A	SRK25CSS-S6/A	SRK15CXS-W6	SRK20CXS-W6	
	Outdoor Unit		SRC20CSS-S6/A	SRC25CSS-S6/A	SRC15CXS-W6	SRC20CXS-W6	
Ton			1.6#	2.2	1.3	1.6	
BEE - Star Rating -2025			3 Star	2 Star	2 Star	3 Star	
Refrigerant Control & Expansion					llary Expansion		
Fixed Speed Compressor Type			Super Tropical - Return Cooled Rotary				
Power Source			1 Phase, 230 V, 50 Hz				
Maximum Cooling Capacity**		BTU/hr	20997	26272	15252	20301	
Rated Cooling Capacity at	100% Load		20216	26017	14330	19329	
Rated Cooling Capacity at	50% Load		Not Applicable for Fixed Speed AC				
Maximum Cooling Capacity**		Watts	6154	7700	4470	5950	
Rated Cooling Capacity at	100% Load		5925	7625	4200	5665	
Rated Cooling Capacity at	50% Load			Not Applicable	for Fixed Speed AC		
Rated Power Consumption at	100% Load	-11	1485	2050	1140	1420	
Rated Power Consumption at	50% Load	watts		Not Applicable	for Fixed Speed AC		
Rated EER / COP at	100% Load		3.99	3.72	3.68	3.99	
Rated EER / COP at	50% Load	W/w	Not Applicable for Fixed Speed AC				
BEE Rated Indian Seasonal Energy Efficiency Ratio	ISEER		3.99	3.72	3.68	3.99	
Input Power ** (Minimum ~ Maximum)		Watts	1250 ~ 1485	1800 ~ 2050	900 ~ 1140	1200 ~ 1420	
Current (minimum ~ maximum) **		Α	5.6 ~ 6.6	8.0 ~ 9.2	4.1 ~ 5.1	5.0 ~ 6.1	
5: " " " " " " " " " " " " " " " " " " "	Indoor Unit	mm	339 x 1 197 x 262	339 x 1197 x 262	290 x 870 x 230	339 x 1197 x 262	
Dimension (H x W x D)	Outdoor Unit	mm	640 x 850 (+65) x 290	750 x 880 (+88) x 340	595 X 780 (+62) X 290	595 x 780 (+62) x 29	
Net Weight	Indoor Unit	Kgs	16	16	10	16	
iver vveigin	Outdoor Unit	Kgs	41	57	32	36	
Air Flow (CMH)	Indoor Unit	m3/hr	1350	1450	850	1300	
Long Reach AirFlow Upto	Indoor Unit	Meter	17.06	18.28	6.1	17	
Sound Level (H/M/L)	Indoor Unit	dB	43 / 40 / 37	46 / 42 / 39	41 / 34 / 27	48 / 40 / 32	
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		Hi - Power / Auto / High / Med / low				
Refrigerant Injection in Coil	Indoor Unit		5 Point - Multi Port				
Refrigerant			R410A R32				
Refrigerant Piping	Liquid Line	mm	6.35 (1/4")		6.35 (1/4")	6.35 (1/4")	
	Gas Line	mm	15.88 (5/8")		12.7 (1/2")	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 ***				27.87 ~ 41.80	12.54 ~ 17.18		

Refrigerant Pipe Length

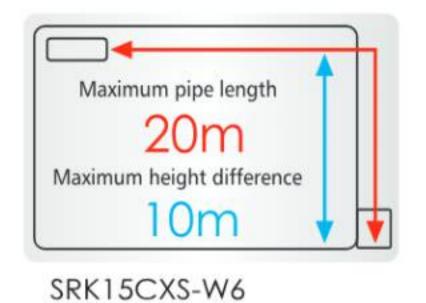
















SRK15CXS-W6, SRK20CXS-W6

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

^{**} Under Standard Installation & Lab Test Condition

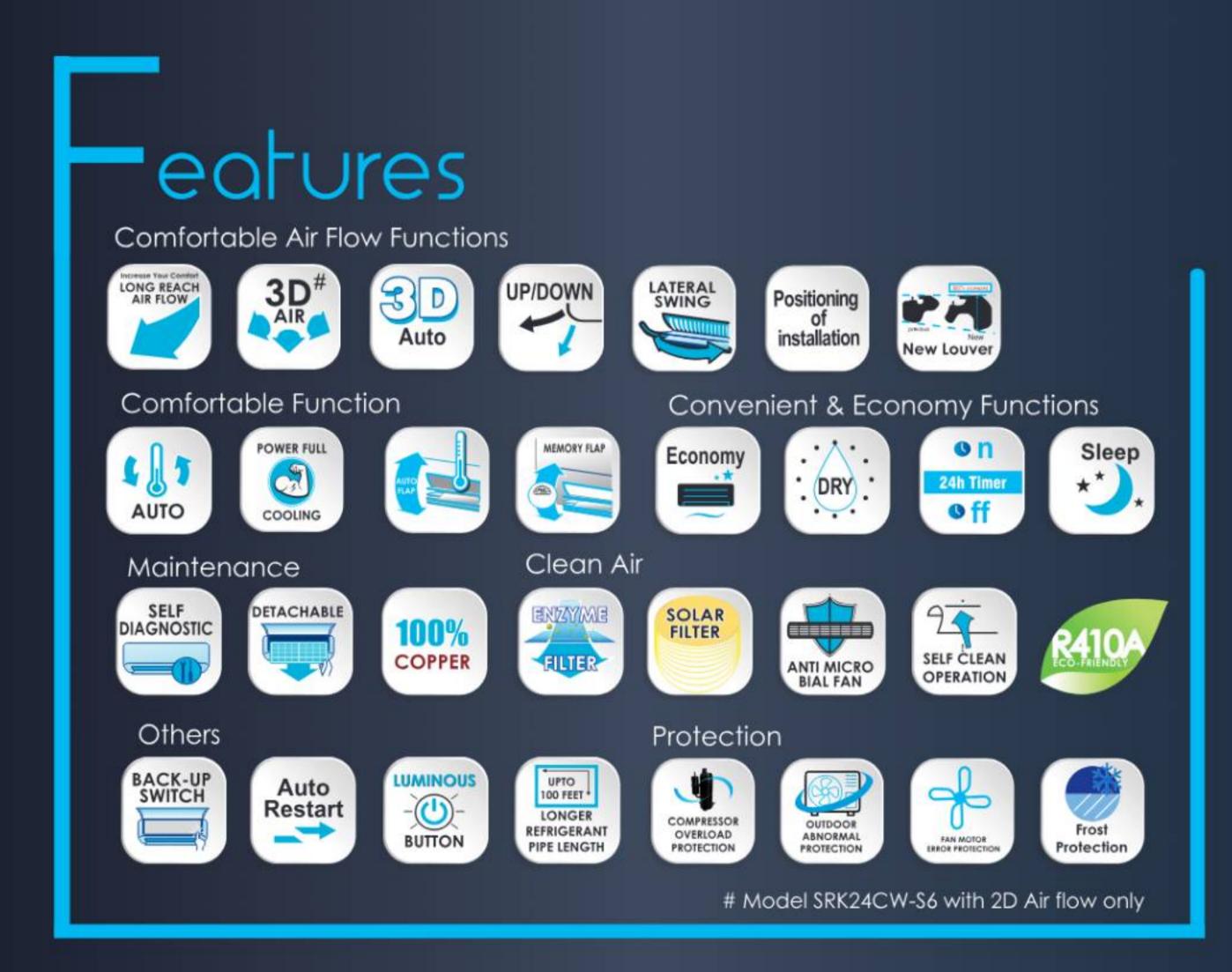
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HYBRID⁺ AIRCONDITIONER

SPX 24CW-S6 [1.95 Ton] 25CWX-S6 [1.95 Ton]

HEAVY DUTY ATPLOY

SRK 13CRS-S6 [1.1 Ton]



Long Reach Air Flow

SRK24CW-S6 (1.95 Ton) →

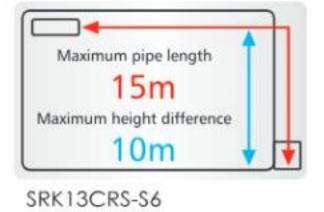
SRK25CWX-S6 (1.95 Ton) →

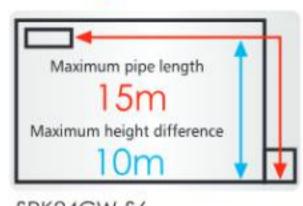
18.2 Meters**
17.0 Meters**

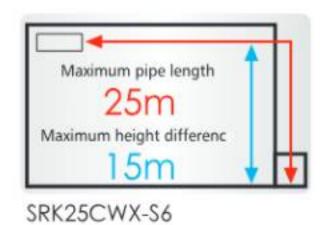


Specifications	HYBRID+ HEAVY DUTY AC (R410A)+					
MODEL	Unit		SRK13CRS-S6	SRK24CW-S6	SRK25CWX-S6	
	Indoor Unit		SRK13CRS-S6	SRK24CW-S6	SRK25CWX-S6	
	Outdoor Unit		SRC13CRS-S6	SRC24CW-S6	SRC25CWX-S6	
Ton			1.1	1.95	1.95	
BEE - Star Rating - 2025			2 Star	2 Star	3 Star	
Refrigerant Control & Expansion			C	Dual Capillary Expansion	2 - 1	
Fixed Speed Compressor Type			Super Tropical - Return Cooled Rotary 1 Phase, 230 V, 50 Hz			
Power Source	1007		10000		02450	
Rated Cooling Capacity at	100% Load	BTU/hr	12283	23406	23458	
Rated Cooling Capacity at	50% Load	-	100000000000000000000000000000000000000	t Applicable for Fixed Speed	2000000	
Rated Cooling Capacity at	100% Load	Watts	3600	6860	6875	
Rated Cooling Capacity at	50% Load	110110	No	t Applicable for Fixed Speed	AC	
Rated Power Consumption at	100% Load	watta	1000	1820	1635	
Rated Power Consumption at	50% Load	watts	No	t Applicable for Fixed Speed	AC	
Rated EER / COP at	100% Load	14//	3.60	3.77	4.20	
Rated EER / COP at	50% Load	W/w	No	ot Applicable for Fixed Speed AC		
BEE Rated Indian Seasonal Energy Efficiency Ratio	ISEER		3.60	3.77	4.20	
Input Power ** (Minimum ~ Maximum)		Watts	700 ~ 1000	1570 ~ 1820	1385 ~ 1635	
Current (minimum ~ maximum) **		A	4.0 ~ 4.7	7.0 ~ 8.1	6.2 ~ 7.3	
Dimension (H x W x D)	Indoor Unit	mm	268 x 790 x 213	339 x 1 197 x 262	339 x 1197 x 262	
	Outdoor Unit	mm	595 x 780 x 290	640 x 800 (+71) x 290	750 x 880 (+88) x 340	
	Indoor Unit	Kgs	9.5	16	16	
Net Weight	Outdoor Unit	Kgs	32	44	52.5	
Air Flows (Chall)				1300	1400	
Air Flow (CMH)	Indoor Unit	m3/hr	750	17.06	18.29	
Long Reach AirFlow Upto	Indoor Unit	Meter	6.09			
Sound Level (H/M/L)	Indoor Unit	dB	38 / 34 / 31	46 / 42 / 39	47 / 43 / 40	
Louver Swing	Indoor Unit		3D + 3D AUTO	2D	3D + 3D AUTO	
Special Filter	Indoor Unit		Enzyme + Solar + Anti - Bacterial Filter	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")	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 mm ² x 3 cores (earthing cable)			
Connecting wiring between	IDU & ODU		2.5 mm² x 4 cores (earthing cable)			
Area Coverage ***	Sq. Meter		11.98 ~ 15.97	23.22 ~ 32.5	27.88 ~ 37.17	

Refrigerant Pipe Length















^{***} Customers need to seek guidance from the Authorized Dealer / Expert for the AC unit capacity selection before ordering any AC unit. Area coverage is subject to checking of the site conditions like - Terrace / Wall / Glass windows exposed to direct sunlight, of the area to be Air- conditioned & room temperature requirement & outdoor temperature conditions. Company will not be responsible if there will be cooling issues due to improper selection of capacity of the AC units.



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