

Next Generation High Performance Airconditioning

MOVE THE WORLD FORW➤RD



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

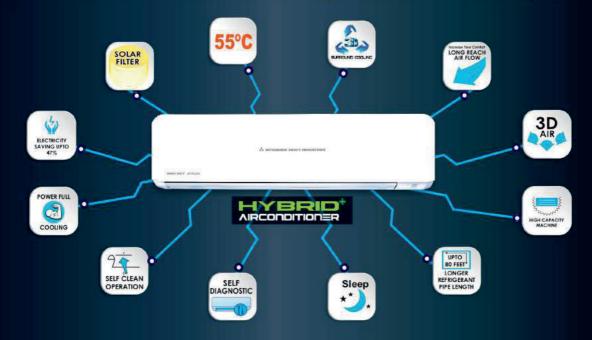
"Our determination to conduct business on a global scale is supported by, and reflected in, a fundamental philosophy: utilization of inherent business acumen & technological expertise accumulated over more than 40 years to assess changes that occur with the passage of time while continuously developing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

Outdoor Temperature 55°C

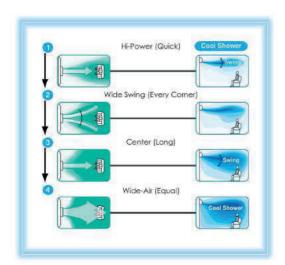
| CAPACITY | MAXIMUM COOLING CAPACITY |
|----------|--------------------------|
| 1.1 Ton | 13500 BTU/hr. |
| 1.6 Ton | 21000 BTU/hr. |
| 2.2 Ton | 26272 BTU/hr. |





3D Air Flow

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







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

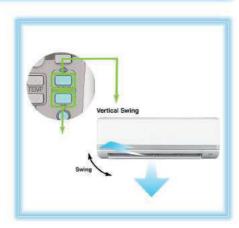
In cooling operation cooled air flows directly to the ceiling. The cooled air does not flow directly to the occupants of the room and the comfort cooled air flow comes from the ceiling like a soft shower.

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.

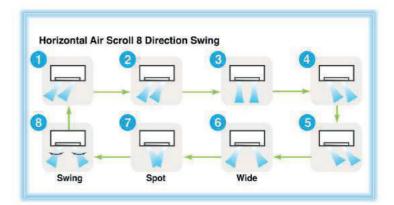
MANUAL SETTING

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.











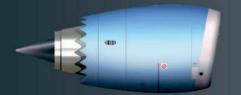


3D AUTO is one touch programmed and three motors (one vertical working motor + two horizontal working motors) make three independent air flow controls. The air flow is uniform and quiet and reaches at long distance points from the blower.



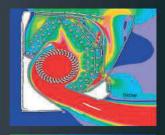
JET FLOW TECHNOLOGY

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.

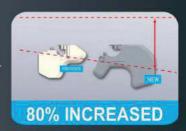






NEW LOUVER

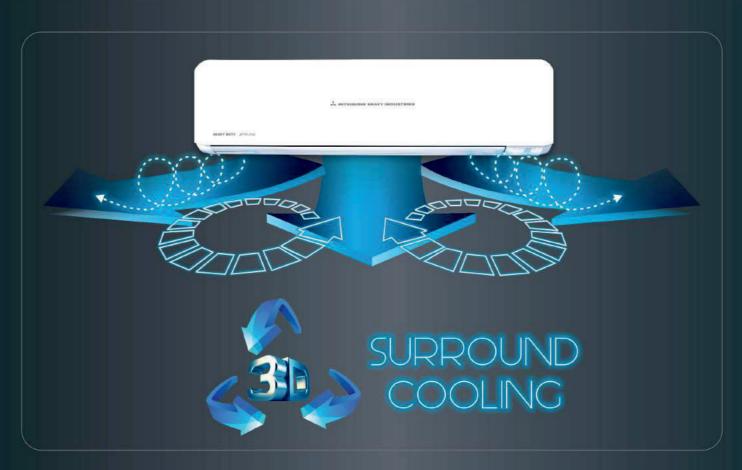
Due to redesigned size and shape, the new louver has been increased in surface area by 80%. In addition to increase of air flow volume, it has improved controllability of swinging to right and left.





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

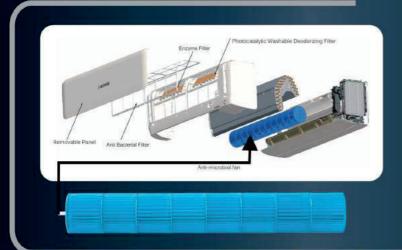
This operation mode delivers powerful cool air to cool the room quickly. It blows powerful cool air when you want to be cooled down after bathing or returning home on a hot summer day so that you can enjoy a cool sensation immediately. The air conditioner automatically returns to the previous operation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

19.81 METERS**

SRK100ZR (3.1 Ton)

SRK100ZR (3.1 Ton) -> 19.81 Meter**
SRK24YVS-W6(2.2 Ton) -> 18.28 Meter**

SMELL HOLE SMELL HOLE



ANTI-MICROBIAL FAN



FOR CERM FREE AIR ANTI - MOULD ANTI - BACTERIAL

ALLERGEN CLEAR OPERATION

(Available only in: SRK13YXS-W6, SRK18YXS-W6, SRK18YXS2-W6, SRK50ZS-S6, SRK100ZR-W)

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.



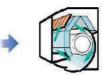
Catching Allergen on the Filter



Cooling Operation
To make condensing water.



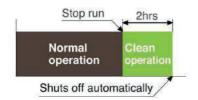
Heating Operation To give moisture to the Filter to inactivate allergen



AIR Purify Self-Clean Operation To dry up the indoor unit



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.



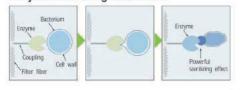


Always Keeping Indoor Unit Clean





Enzyme's sterilizing mechanism



SURE TO DESTROY FUNCI 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.



SOLAR FILTER







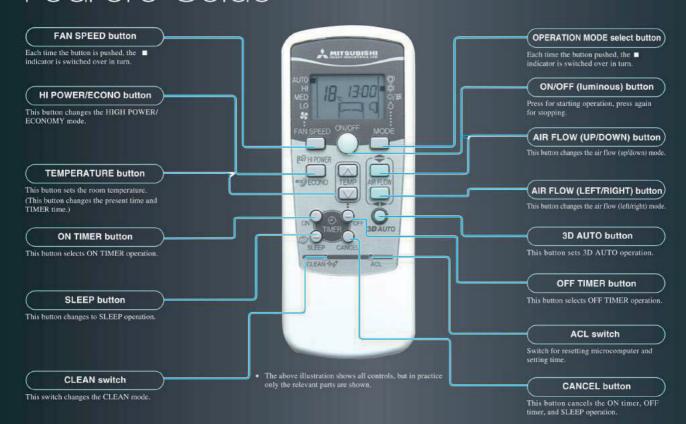
It will keep the air fresh by deodorizing the molecules causing odor. Its deodorizing power can be restored by washing with water and drying under the sun, as such it is capable of repeat use.



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%*

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.

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.



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.



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.

COMFORTABLE FUNCTION:



Automatic

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



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



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.



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.





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

Cordiess 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











Others

BUTTON

SRK25CSS-S6/A [2.2Ton] →

SRK20C5S-56/A [1.6"Tonl SRK20CXS-W6 [1.6Ton]

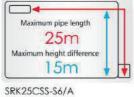




| Specifications | | HYBRID+ HEAVY | DUTY AC (R410A) | HYBRID+ HEAVY DUTY AC (R32) | | |
|------------------------------------------------------|--------------|---------------|-----------------------|-----------------------------------------------------|-----------------------|----------------------|
| 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 - 2023 | | | 3 Star | 2 Star | 2 Star | 3 Star |
| Refrigerant Control & Expansion | | | | | ary Expansion | |
| Fixed Speed Compressor Type | | | | | eturn Cooled Rotary | / |
| Power Source | | | | | 230 V , 50 Hz | |
| Maximum Cooling Capacity* | | | 20997 | 26272 | 15252 | 20301 |
| Rated Cooling Capacity at | 100% Load | BTU/hr | 20216 | 26017 | 14330 | 19329 |
| Rated Cooling Capacity at | 50% Load | | 200402-37027 | 2101-00 por 40 0 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | for Fixed Speed AC | |
| Maximum Cooling Capacity* | | | 6154 | 7700 | 4470 | 5950 |
| Rated Cooling Capacity at | 100% Load | Watts | 5925 | 7625 | 4200 | 5665 |
| Rated Cooling Capacity at | 50% Load | | | Not Applicable | for Fixed Speed AC | |
| Rated Power Consumption at | 100% Load | 2010/2011 | 1485 | 2050 | 1140 | 1420 |
| Rated Power Consumption at | 50% Load | watts | 755.400 | Not Applicable | for Fixed Speed AC | |
| Rated EER / COP at | 100% Load | W/w | 3.99 | 3.72 | 3.68 | 3.99 |
| Rated EER / COP at | 50% Load | **/** | | Not Applicable | e 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 |
| Dimension (II v W v D) | Indoor Unit | mm | 339 x 1197 x 262 | 339 x 1 197 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 |
| Nei Weighi | Outdoor Unit | Kgs | 44 | 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 | 40 / 37 / 34 |
| Louver Swing | Indoor Unit | | | 3D + 3 | 3D AUTO | |
| Special Filter | Indoor Unit | | Enzyme | e + Photocatalytic De | odorizing Filter + Ar | nti Bacterial |
| Blower Fan | Indoor Unit | | | Anti - M | vicro Bial | |
| DC Fan Motor Speed | Indoor Unit | | | Auto / Powerful / H | ligh / Med / Low/ Di | ry |
| Refrigerant Injection in Coil | Indoor Unit | | 5 Point - Multi Port | | | |
| Refrigerant | | | R410A R32 | | | |
| Refrigerant Piping | Liquid Line | mm | 6.3 | 5 (1/4") | 6.35 (1/4") | 6.35 (1/4") |
| Kenigerarii riping | Gas Line | mm | | 88 (5/8") | 12.7 (1/2") | 15.88 (5/8") |
| Main Power Supply to | Outdoor Unit | | 3 | 2.5 mm² x 3 cores (inc | cluding earthing ca | ble) |
| Connecting wiring between | IDU & ODU | | | 2.5 mm² x 4 cores (inc | cluding earthing ca | ble) |
| Area Coverage *** | Sq. Meter | | 15.97 ~ 26.01 | 27.87 ~ 41.80 | 12.54 ~ 17.18 | 15.97 ~ 23.23 |

Refrigerant Pipe Length





SRK20CXS-W6









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 # 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

HYBRII





SRK 13CRS-S6 [1.1 Ton]

SURROUND COOLING



eatures

Comfortable Air Flow Functions





















































Others





MITSUBISH







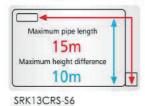


Long Reach Air Flow



| Specifications | | | HYBRID HEAVY DUTY AC (R410A) | | |
|------------------------------------------------------|-------------------------------------|--------|-------------------------------------------------|--|--|
| MODEL | Unit Indoor Unit Outdoor Unit | | SRK13CRS-S6 | | |
| | | | SRK13CRS-S6 | | |
| | | | SRC13CRS-S6 | | |
| Ton | | | 1.1 | | |
| BEE - Star Rating -2023 | | | 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* | | | 13501 | | |
| Rated Cooling Capacity at | 100% Load | BTU/hr | 12283 | | |
| Rated Cooling Capacity at | 50% Load | | Not Applicable for Fixed Speed AC | | |
| Maximum Cooling Capacity* | | | 3957 | | |
| Rated Cooling Capacity at | 100% Load | Watts | 3600 | | |
| Rated Cooling Capacity at | 50% Load | | Not Applicable for Fixed Speed AC | | |
| Rated Power Consumption at | 100% Load | 920 | 1000 | | |
| Rated Power Consumption at | 50% Load | watts | Not Applicable for Fixed Speed AC | | |
| Rated EER / COP at | 100% Load | W/w | 3.60 | | |
| Rated EER / COP at | 50% Load | vv/w | Not Applicable for Fixed Speed AC | | |
| BEE Rated Indian Seasonal Energy Efficiency Ratio | ISEER | | 3.60 | | |
| Input Power ** (Minimum ~ Maximum) | | Watts | 700 ~ 1000 | | |
| Current (minimum ~ maximum) ** | | A | 4.0 ~ 4.7 | | |
| Dimension (H x W x D) | Indoor Unit | mm | 268 x 790 x 213 | | |
| Differsion (HX W X D) | Outdoor Unit | mm | 595 x 780 x 290 | | |
| Not Weight | Indoor Unit | Kgs | 9.5 | | |
| Net Weight | Outdoor Unit | Kgs | 35 | | |
| Air Flow (CMH) | Indoor Unit | m3/hr | 750 | | |
| Long Reach AirFlow Upto | Indoor Unit | Meter | 6.09 | | |
| Sound Level (H/M/L) | Indoor Unit | dB | 38 / 34 / 31 | | |
| Louver Swing | Indoor Unit | | 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 Injection in Coil | Indoor Unit | | 4 Point - Multi Port | | |
| | Liquid Line | mm | 6.35 (1/4") | | |
| Refrigerant Piping | Gas Line | mm | 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 mm ² x 4 cores (earthing cable) | | |
| Area Coverage *** | Sq. Meter | | 11.98 ~ 15.97 | | |

Refrigerant Pipe Length



SRC13CRS-S6

ISEER = INDIAN SEASONAL ENERGY EFFICIENCY RATIO

^{*} 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

HYBRII



--- 1.19 mtr ---



SRK 24CW-56 [1.95 Ton] 25CWX-56 [1.95 Ton]

eatures

Comfortable Air Flow Functions





































Maintenance



Others







BUTTON













Long Reach Air Flow



SURPOUND COOLING



SRK25CWX-S6 [1.95 Ton] →

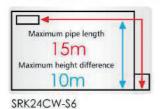
SRK24CW-S6 [1.95 Ton] →

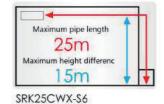
18.2 Meters** 17.0 Meters**



| 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 | |
| Ton BEE - Star Rating - 2023 | | | 1.95 | 1.95 3 Star | |
| Refrigerant Control & Expansion | | | 2 Star | illary Expansion | |
| Fixed Speed Compressor Type | | | | | |
| Power Source | | | Super Tropical - Return Cooled Rotary 1 Phase, 230 V, 50 Hz | | |
| Rated Cooling Capacity at | 100% Load | - Laurence | 23406 | 23458 | |
| Rated Cooling Capacity at | 50% Load | BTU/hr | Not Applicable | e for Fixed Speed AC | |
| Rated Cooling Capacity at | 100% Load | | 6860 | 6875 | |
| Rated Cooling Capacity at | 50% Load | - Watts | Not Applicable | o for Fixed Speed AC | |
| Rated Power Consumption at | 100% Load | | 1820 | 1635 | |
| Rated Power Consumption at | 50% Load | watts | Not Applicable for Fixed Speed AC | | |
| Rated EER / COP at | 100% Load | | 3.77 | 4.20 | |
| Rated EER / COP at | 50% Load | W/w | | e 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 | |
| Discounies (U.) W. D. | Indoor Unit | mm | 339 x 1 197 x 262 | 339 x 1197 x 262 | |
| Dimension (H x W x D) | Outdoor Unit | mm | 640 x 800 (+71) x 290 | 750 x 880 (+88) x 340 | |
| Not Weight | Indoor Unit | Kgs | 16 | 16 | |
| Net Weight | Outdoor Unit | Kgs | 44 | 52.5 | |
| 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 + Photocataly | tic 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 | |
| Potrigorant Pining | Liquid Line | mm | 6.35 (1/4") | 6.35 (1/4") | |
| Refrigerant Piping | Gas Line | mm | 15.88 (5/8") | 15.88 (5/8") | |
| Main Power Supply to | Outdoor Unit | | 2.5 mm ² x 3 co | res (earthing cable) | |
| Connecting wiring between | IDU & ODU | | 2.5 mm ² x 4 cor | res (earthing cable) | |
| Area Coverage *** | Sq. Meter | | 23.22 ~ 32.5 | 27.88 ~ 37.17 | |

Refrigerant Pipe Length









SRC25CWX-S6

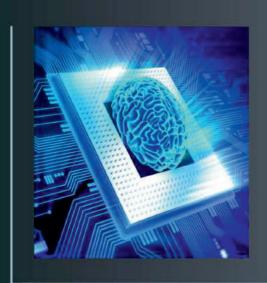
Cooling Capacity is derived Maximum during evening & night when the temperature is less than 31°C Under Standard Installation & Lab Test Condition # Model SRK24CW-S6 with 2D Air flow only

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.

HYPER INVERTER

ARTIFICIAL INTELLIGENCE





AREA COVERAGE TABLE - HYPER INVERTER

| MODEL | CAPACITY (Ton) | AREA COVERAGE Upto* |
|------------|----------------------------|---------------------|
| SRK13YXP | 1.0 (0.23 Ton ~ 1.05 Ton) | 13.0 sq.mtr.** |
| SRK18YXP | 1.5 (0.37 Ton ~ 1.5 Ton) | 17.2 sq.mtr.** |
| SRK24YVS | 2.2 (0.65 Ton ~ 2.36 Ton) | 41.8 sq.mtr.** |
| SRK13YXS | 1.1 (0.25 Ton ~ 1.25 Ton) | 15.79 sq.mtr.** |
| SRK18YXS | 1.5 (0.34 Ton ~ 1.6 Ton) | 18.58 sq.mtr.** |
| SRK18YXS2 | 1.65 (0.48 Ton ~ 1.96 Ton) | 26.0 sq.mtr.** |
| SRK50ZS-S6 | 1.50 (0.48 Ton ~ 1.60 Ton) | 18.58 sq.mtr.** |
| SRK100ZR-W | 3.10 (0.68 Ton ~ 3.3 Ton) | 55.74 sq.mtr.** |

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

DC PAM Inverter Twin Rotary Compressor

Mitsubishi Heavy Duty AC of 2.0 ton & above capacity units uses DC PAM Inverter Twin Rotary Compressor which performs high efficiency operation under the wide range capacity variance from low 10% to high 120% of its nominal capacities using DC PAM Technology . Besides low vibration & low sound level, high efficiency is achieved by the optimization of mechanical parts dimension and by the application of high power Neodymium motor.

Fuzzy Auto Mode

The temperature and humidity sensors check room conditions. The unit automatically controls the operation mode and the setting temperature to operate efficiently. Operation mode and cooling/heating capacity is controlled automatically according to one setting temperature. Fuzzy auto mode offers automatic comfort temperature control even if weather condition changes quickly.





Advantages:

- Neodymium motor
- · 1.5 times Higher compression ratio
- Wider range of operation
- Lower vibration & noise
- · Zero Starting currents
- · Improved efficiency with 0.1Hz step up
- Higher efficiency

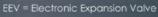
New Inverter Vector Control

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









Compressor Protection With AI

Feature Guide

Comfortable Air Flow Functions























Clean Air











Maintenance







Comfortable Functions









Convenient & Economy Functions











Others













Easy

OPERATION MODE select button

Each time the button is pressed, the mode changes.

TEMPERATURE button

This button sets the room temperature

HI/ECO button

This button changes the HIGH POWER/

AIR FLOW (LEFT/RIGHT) button

This button changes the airflow (left/

SILENT button

This button sets the SILENT operation

ALLERGEN CLEAR button

This button selects ALLERGEN CLEAR operation

ON TIMER button

This button selects ON TIMER operation

OFF TIMER button

This button selects OFF TIMER operation.

WEEKLY button

This button switches the WEEKLY TIMER to ON/OFF.

MENU switch

This switch selects the SELF CLEAN operation, display brightness adjustment and PRESET operation.

SLEEP button

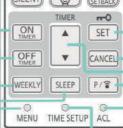
This button selects SLEEP operation.

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





ECO



[View with the cover opened

ON/OFF (luminous) button

Press to start operation, press again to stop.

FAN SPEED button

Each time the button is pressed, the fan speed changes.

AIR FLOW (UP/DOWN) button

This button changes the airflow (up/down) direction.

3D AUTO button

This button sets 3D AUTO operation

NIGHT SETBACK button

This button sets NIGHT SETBACK

SET/Child lock button

Use this button to set the timer and Child lock.

CANCEL button

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

TIMER button

This button is used for setting the current time and timer function.

PROGRAM button

This button sets WEEKLY TIMER

ACL switch

This switch resets the program to default state.

TIME SET UP switch

This switch is used for setting the time.

Features Comparison

| SL NO. | Features | SRK24YVS-W6 | SRK13YXS-W6/ SRK18YXS-W6 SRK18YXS2-W6 | SRK50ZS-S6 SRK100ZR-W | SRK13YXP-W6 SRK18YXP-W6 |
|-----------|------------------------------------|-------------|------------------------------------------|--------------------------|----------------------------|
| 1 | DC PAM Inverter | Ø | | 0 | Ø |
| 2 | High Power Cooling | 0 | Ø | 9 | 0 |
| 3 | Jet Air Flow | Ø | Ø | 0 | 9 |
| 4 | 3D Air | 9 | Ø | 0 | |
| 5 | 3D Auto | Ø | Ø | 0 | |
| 6 | Auto Flap | 9 | Ø | 9 | 9 |
| 7 | Memory | Ø | Ø | 0 | 0 |
| 8 | Up/Down (Horizontal Louver) | 0 | Ø | 9 | 9 |
| 9 | Lateral Swing (Vertical Louver) | Ø | | 9 | |
| 10 | Position of Installation | 9 | Ø | 9 | |
| 11 | Economy Cooling | 0 | Ø | 0 | 0 |
| 12 | Front Panel Detachable | 9 | Ø | 0 | 0 |
| 13 | Enzyme Filter | 9 | Ø | 0 | |
| 14 | Solar Filter (Deodorizing) | 9 | Ø | 0 | |
| 15 | Anti Micro Bial Fan | 9 | Ø | 0 | 0 |
| 16 | Self Clean Operation | | Ø | 0 | 0 |
| 17 | Allergen Filter + Activated Carbon | 9 | Ø | 0 | |
| 18 | Auto Mode | 9 | Ø | 0 | 0 |
| 19 | Fuzzy Logic | 9 | Ø | 0 | Ø |
| 20 | Night Setback | | | 0 | |
| 21 | Child lock | | Ø | 0 | |
| 22 | Back-Up Switch | 0 | | 0 | 0 |
| 23 | Auto Restart | 0 | Ø | 0 | 9 |
| 24 | Luminous Button | 9 | 0 | 0 | 0 |
| 25 | 100% Copper | 9 | Ø | 9 | 0 |
| 26 | EEV | 9 | Ø | 0 | 9 |
| 27 | Self Diagnostic | 9 | Ø | 0 | 0 |
| 28 | Dry Mode | 0 | Ø | 0 | 9 |
| 29 | Off timer | 0 | 9 | 0 | 0 |
| 30 | Sleep Mode | 9 | Ø | 0 | 0 |
| 31 | MC (Micro Computer) | Ø | 9 | 9 | Ø |
| 32 | Silent Mode (Ulo Fan Speed) | Ø | 9 | Ø | |
| 33 | Super Silent in Low Fan | 9 | Ø | 9 | 9 |
| 34 | R410A | 9 | | 9 | |
| 35 | R32 | 10 | Ø | | Ø |
| 36 | Weekly Timer | | Ø | Ø | |

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

EXTENDED WARRANTY

ON HYPER INVERTER HI-WALL ACS UPTO 2.2 TON

[Subject to warranty termes mentioned in our website]







Cenuine Spares & Service Center

















Hyper Inverter ECO SMART



Super High Efficiency Excellent Energy Saving





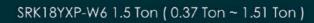
SRK24YVS-W6 2.2 Ton (0.65 Ton ~ 2.36 Ton)







SRK13YXP-W6 1.0 Ton (0.23 Ton ~ 1.05 Ton)















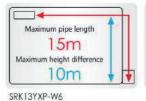


Specifications



| | | | ECO SMAR | - HYPER INVERTER (R32) - CO | OOLING ONLY |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------|
| | Unit | | SRK13YXP-W6 | SRK18YXP-W6 | SRK24YVS-W6 |
| MODEL | Indoor Unit | | SRK13YXP-W6 | SRK18YXP-W6 | SRK24YVS-W6 |
| | Outdoor Unit | | SRC13YXP-W6 | SRC18YXP-W6 | SRC24YVS-W6 |
| Ton - Cooling Only | (minimum ~maxim | num) | 1.0 (0.23 Ton ~ 1.05 Ton) | 1.5 (0.37 Ton ~ 1.51 Ton) | 2.2 (0.65 Ton ~ 2.36 Ton |
| BEE Star Rating - 2023 | | | 3 Star | 3 Star | 5 Star |
| Compressor Type | | | Rotary | Rotary | Twin Rotary |
| VFD - Variable Frequency Drive | | | Inverter Vector | Control Technology for High | ner Efficiency |
| Minimum Compressor RPM | | | | A - Using Vector Control Tec | |
| Refrigerant Volume Control Using | | | | Expansion Valve for Variable | |
| LCD Remote Control (iPM Controller) | | | The state of the s | (Intelligent Power Module | |
| Power Source | | | | 1 Phase, 220 / 230 V, 50 Hz | |
| Maximum Cooling Capacity at** | | | 15013 | 19107 | 28320 |
| Rated Cooling Capacity at | 100% Load | BTU/hr | 12420 | 17401 | 26272 |
| Rated Cooling Capacity at | 50% Load | | 5971 | 8755 | 13477 |
| Maximum Cooling Capacity at** | 120% Load | | 4400 | 5600 | 8300 |
| Rated Cooling Capacity at | 100% Load | Watts | 3640 | 5100 | 7700 |
| Rated Cooling Capacity at | 50% Load | | 1750 | 2566 | 3950 |
| Rated Power Consumption at | 100% Load | watts | 1070 | 1730 | 1800 |
| Rated Power Consumption at | 50% Load | waiis | 397 | 565 | 690 |
| Rated EER / COP at | 100% Load | W/w | 3.4 | 2.9 | 4.3 |
| Rated EER / COP at | 50% Load | **/** | 4.4 | 4.5 | 5.7 |
| Rated Indian Seasonal Energy Efficiency | | ISEER | 4.2 | 3.99 | 5.41 |
| Current (Minimum ~ Maximum)** | | A | 0.70 ~ 5.0 | 1.1 ~ 7.6 | 1.5 ~ 8.5 |
| Dimension (H x W x D) | Indoor Unit | mm | 262 x 769 x 230 | 262 x 769 x 230 | 339 x 1197 x 262 |
| Dimension (H X W X D) | Outdoor Unit | mm | 540 x 645(+57) x 275 | 540 x 780(+62) x 290 | 750 x 880(+88) x 340 |
| Net Weight | Indoor Unit | Kgs | 7.5 | 7.5 | 15.5 |
| iver weight | Outdoor Unit | Kgs | 26.5 | 30.5 | 58 |
| Cooling Coil Row | Indoor Unit | No.s | 2 | 2 | 3 |
| Air Flow (CMH) | Indoor Unit | m3/hr | 700 | 850 | 1450 |
| Long Reach Air Flow Upto | Indoor Unit | Meters | 5 | 5 | 18.28 |
| Self Diagnosis Function | Indoor Unit | | Yes | Yes | Yes |
| Sound Level (H/M/L) | Indoor Unit | dB | 42 / 32 / 22 | 43 / 34 / 24 | 43 / 40 / 36 / 24 (U-low) |
| Louver Swing | Indoor Unit | | 2D (UP & DOWN) | 2D (UP & DOWN) | 3D + 3D AUTO |
| Special Filter | Indoor Unit | | Anti Bacterial - Filter | Anti Bacterial - Filter | Enzyme + Solar + Anti Bacterial - Fiter |
| Fan | Indoor Unit | | | Anti - Micro Bial Fan | |
| DC Fan Motor Speed | Indoor Unit | | Auto / Powerful / High / M | edium / Low (Ultra Low-in-sile | nt mode in SRK24YVS) |
| Refrigerant | | | | R32 | |
| Refrigerant Injection in Coil | | | 3 Point - | Multi Port | 4 Point - Multi Port |
| | Liquid Line | mm | 6.35 (1/4") | 6.35 [1/4"] | 6.35 (1/4") |
| Refrigerant Piping Thickness:18Gauge(1mm) | Gas Line | mm | 9.52 (3/8") | 12.7 (1/2") | 15.88 (5/8") |
| Main Power Supply to | Outdoor Unit | SETHELY | CONTROL OF TAXABLE | n ² x 3 cores (including Earthi | 10.000000000000000000000000000000000000 |
| Connecting wiring | B/w IDU & ODU | | | | |
| and the state of t | 57.7.100 0 000 | | 2.5 mm ² x 4 cores (including Earthing) | | |
| Area Coverage *** | | Sq.Meters | 10 ~ 13 | 13 ~ 17.2 | 27.8 ~ 41.8 |

Refrigerant Pipe Length







Remote Control







SRK24YVS-W6

ISEER = INDIAN SEASONAL ENERGY EFFICIENCY RATIO

 ^{**} 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

Hyper Inverter ECO SMART



1.65 Ton

INDIA'S HIGHEST ISEER HYPER INVERTER

SRKI8YXS2-W6 1.65 Ton [0.48 Ton ~ 1.96 Ton]

WITH HIGHEST AIR FLOW 1434 CMH



SRK18YXS2-W6 1.65 Ton (0.48 Ton ~1.96 Ton)



SRK13YXS-W6 1.1 Ton (0.25 Ton ~ 1.25 Ton) SRK18YXS-W6 1.5 Ton $(0.34 \text{ Ton } \sim 1.6 \text{ Ton })$















SRK18YXS2-W6 (1.65 Ton) 17.0 METERS**

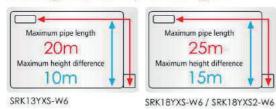


Specifications



| | | | ECO SMAR | T - HYPER INVERTER (R32) - COOLI | NG ONLY |
|-----------------------------------------|--------------------|------------|-----------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Unit | | SRK13YXS-W6 | SRK18YXS-W6 | SRK18YXS2-W6 |
| MODEL | Indoor Unit | | SRK13YXS-W6 | SRK18YXS-W6 | SRK18YXS2-W6 |
| | Outdoor Unit | | SRC13YXS-W6 | SRC18YXS-W6 | SRC18YXS2-W6 |
| Ton - Cooling Only | (minimum ~maximum) | | 1.1 (0.25 Ton ~ 1.25 Ton) | 1.5 (0.34 Ton ~ 1.6 Ton) | 1.65 (0.48 Ton ~1.96 Ton) |
| BEE Star Rating - 2023 | | | 5 Star | 4 Star | 5 Star |
| Super Tropical Compressor Type | | | Rotary | Rotary | Rotary |
| VFD - Variable Frequency Drive | | | Inverter Ve | ctor Control Technology for Highe | |
| Minimum Compressor RPM | | | | RPM - Using Vector Control Tech | |
| Refrigerant Volume Control Using | | | | onic Expansion Valve for Variable | |
| LCD Remote Control (iPM Controller) | | | 0.0000000000000000000000000000000000000 | iPM (Intelligent Power Module) | |
| Power Source | | | | 1 Phase, 220 / 230 V, 50 Hz | |
| Maximum Cooling Capacity | 120% Load | | 15013 | 19107 | 23542 |
| Rated Cooling Capacity at | 100% Load | BTU/hr | 13000 | 18425 | 19875 |
| Rated Cooling Capacity at | 50% Load | | 6517 | 8991 | 9997 |
| Maximum Cooling Capacity | 120% Load | | 4400 | 5600 | 6900 |
| Rated Cooling Capacity at | 100% Load | Watts | 3810 | 5400 | 5825 |
| Rated Cooling Capacity at | 50% Load | THE SPECE | 1910 | 2635 | 2930 |
| Rated Power Consumption at | 100% Load | | 1000 | 1454 | 1320 |
| Rated Power Consumption at | 50% Load | watts | 332 | 468 | 470 |
| Rated EER | 100% Load | W/w | 3.8 | 3.7 | 4,4 |
| Rated EER | 50% Load | W/W | 5.8 | 5.6 | 6.2 |
| Rated Indian Seasonal Energy Efficiency | | ISEER | 5.1 | 4.99 | 5.70 |
| Current (minimum ~maximum)** | | A | 0.70 ~ 4.8 | 1.1 ~ 6.7 | 1.1 ~ 6.5 |
| | Indoor Unit | mm | 290 x 870 x 230 | 290 x 870 x 230 | 339 x 1197 x 262 |
| Dimension (H x W x D) | Outdoor Unit | mm | 540 x 645(+57) x 275 | 640 x 800(+71) x 290 | 540 x 780(+62) x 290 |
| Net Weight | Indoor Unit | Kgs | 10.0 | 10.0 | 16 |
| Net Weight | Outdoor Unit | Kgs | 27 | 37 | 30.5 |
| Cooling Coil Row | Indoor Unit | No.s | 2 | 3 | 3 |
| Air Flow | Indoor Unit | СМН | 850 | 1100 | 1434 |
| Long Reach Air Flow Upto | Indoor Unit | Meters | 5.18 | 6.10 | 17 |
| Self Diagnosis Function | Indoor Unit | | Yes | Yes | Yes |
| Sound Level (H/M/L/ULo) | Indoor Unit | dB | 41 / 35 / 29 / 19(Ulo) | 46 / 39 / 32 / 23 (Ulo) | 46 / 39 / 31 / Ulo:23 |
| Louver Swing | Indoor Unit | | | 3D + 3D AUTO | |
| Special Filter | Indoor Unit | | Enzyme + Sol | ar (Deodorising Filter) + Anti Bact | erial - Filters |
| Blower Fan | Indoor Unit | | | Anti - Micro Bial Fan | |
| DC Fan Motor Speed | Indoor Unit | | Auto / Powerfu | I / High / Medium / Low / Ulo (Silen | t Model / Drv |
| Refrigerant | middor draft | | R32 | R32 | R32 |
| | Liquid Line | mm | | 22.000 | The state of the s |
| Refrigerant Piping | Liquid Line | mm | 6.35 (1/4") | 6.35 (1/4") | 6.35 (1/4") |
| Thickness:18Gauge | Gas Line | mm | 9.52 (3/8") | 12.7 (1/2") | 12.7 (1/2") |
| Main Power Supply to | Outdoor Unit | | 2.5 | mm ² x 3 cores (with Earthing Cab | ole) |
| Connecting wiring | B/w IDU & ODU | | 2.5 | mm ² x 4 cores (with Earthing Cab | ole) |
| Area Coverage *** | | Sq. Meters | 12 ~ 15.79 | 15.3 ~ 18.5 | 18.58 ~ 26.0 |

Refrigerant Pipe Length



Remote Control





SRK13YXS-W6 / SRK18YXS-W6 SRK18YXS2-W6

ISEER = INDIAN SEASONAL ENERGY EFFICIENCY RATIO

^{**} 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

Hyper Inverter ECO SMART



3.1 Ton 2.1 Ton

Elegant Timeless Design



SRK100ZR-W 3.1 Ton (0.68 Ton ~ 3.3 Ton)



SRK50ZS-S6 1.5 Ton(0.48 Ton ~ 1.60 Ton)



Super High Efficiency Excellent Energy Saving

Built in Reversible Solenoid Valve for Heating & Cooling Mode















SRK100ZRS-W (3.1 Ton) 19.81 METERS**



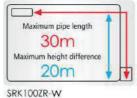
Specifications



| | | | ECO SMART - HYPER INVERTER (R41 | OA) - COOLING + HEATING |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------|--------------------------------------------------|--------------------------------------------------|
| | Unit | | SRK50ZS-S6 | SRK100ZR-W |
| MODEL | Indoor Unit | | SRK50ZS-S6 | SRK100ZR-W |
| | Outdoor Unit | 1 | SRC50ZS-S6 | FDC100VNP/1 |
| Ton - Cooling | (minimum - maximum) | | 1.50 (0.48 Ton ~ 1.60 Ton) | 3.10 (0.68 Ton ~ 3.3 Ton) |
| Ton - Heating | (minimum ~ maximum) | | 1.65 (0.45 Ton ~ 1.90 Ton) | 3.18 (0.90 Ton ~ 3.3 Ton) |
| Cooling & Heating Function | | | Built in Reversible Solenoid Valve fo | r Coolina & Heatina Mode |
| BEE STAR RATING - 2023 | | | 4 Star | NOT APPLICABLE * |
| Compressor Type | | 1 | Super Tropical - DC PAM Inverter | Super Tropical - DC PAM Inverter - Return Cooled |
| Maria Ma | | | - Return Cooled - Rotary | - Twin Rotary |
| /FD - Variable Frequency Drive | | | Inverter Vector Control Techno | |
| Minimum Compressor RPM | | | 7 ~ 15 RPM - Using Vecto | r Control Technology |
| Refrigerant Volume Control Using | | | Motorized Electronic Expansion Valv | e for Variable Refrigerant Flow |
| .CD Remote Control (iPM Controller) | | | iPM (Intelligent Pe | ower Module) |
| Power Source | | | 1 Phase, 220 / 1 | 230 V, 50 Hz |
| Maximum Cooling Capacity at | 120% Load | | 18766 | 39579 |
| Rated Cooling Capacity at | 100% Load | BTU/hr | 17231 | 37208 |
| Rated Cooling Capacity at | 50% Load | | 8615 | 18664 |
| Maximum Cooling Capacity at | 120% Load | | 5500 | 11600 |
| Rated Cooling Capacity at | 100% Load | Watts | 5050 | 10905 |
| Rated Cooling Capacity at | 50% Load 100% Load | | 2525 | 5470 |
| Rated Power Consumption at Rated Power Consumption at | 50% Load | watts | 1375 485 | 3090 1500 |
| Rated EER/ COP at | 100% Load | 2002 | 3.7 | 3.5 |
| Rated EER/ COP at | 50% Load | W/w | 5.2 | 3.6 |
| Rated Indian Seasonal Energy Efficiency | 50/0 EOGG | ISEER | 4.75 | 3.83* |
| Current (Minimum ~ Maximum)** | | A | 1.30 ~ 6.5 | 3.0 ~ 14.0 |
| Maximum Heating Capacity** | | | 22519 | 39238 |
| Winimum Heating Capacity | | BTU/hr | 5459 | 10918 |
| Rated Heating Capacity | | | 19790 | 38214 |
| Maximum Heating Capacity** | | | 6600 | 11500 |
| Winimum Heating Capacity | | Watts | 1600 | 3200 |
| Rated Heating Capacity | | | 5800 | 11200 |
| Maximum Power Consumption | | | 1550 | 3280 |
| Minimum Power Consumption | | watts | 250 | 650 |
| Rated Power Consumption | | | 1300 | 3000 |
| EER at Maximum HeatingCapacity | | | 4.26 | 3.51 |
| EER at Minimum Heating Capacity | | W/w | 6.40 | 4.92 |
| EER at Rated Heating Capacity | | | 4.46 | 3.73 |
| Current (Heating mode) | | A | 1.0 ~ 6.0 | 2.5 ~ 13.7 |
| Dimension (H x W x D) | Indoor Unit | mm | 290 x 870 x 230 | 339 x 1197 x 262 |
| SECOND CONTRACTOR OF THE SECOND CONTRACTOR | Outdoor Unit | mm | 595 x 780(+62) x 290 | 845 x 970 x 370 |
| Net Weight | Indoor Unit | Kgs | 10 | 16.5 |
| Constitution with the constitution of the cons | Outdoor Unit | Kgs | 36.5 | 70 |
| Cooling Coil Row | Indoor Unit | No.s | 3 | 3 |
| Air Flow | Indoor Unit | CMH | 1000 | 1900 |
| ong Reach Airflow Upto | Indoor Unit | Meters | 6.09 | 19.81 |
| Self Diagnosis Function | Indoor Unit | | Yes | Yes |
| Sound Level (H/M/L/ULo) | Indoor Unit | dB | 45 / 36 / 28 / 22 (U-low) | 48 / 45 / 40/ 27(U-Low) |
| ouver Swing | Indoor Unit | | 3D + 3D AUTO | 3D + 3D AUTO |
| pecial Filter | Indoor Unit | | Allergen + Solar + Anti | |
| Blower Fan | Indoor Unit | | Anti - Micro E | |
| DC Fan Motor Speed | Indoor Unit | | Auto / Powerful / High / Medium / L | 202100000000000000000000000000000000000 |
| Description of the property of the second | CONTROL SEASON CONTROL | mm | | |
| Refrigerant Piping | Liquid Line | 1100000 | 6.35 (1/4") | 9.52 (3/8") |
| Thickness: 18 Gauge (1mm) | Gas Line | mm | 12.7 (1/2") | 15.88 (5/8") |
| Main Power Supply to | Outdoor Unit | | 2.5 mm ² x 3 cores (with Earthing Cat | |
| Connecting wiring | B/w IOU & ODU | | 2.5 mm ² x 4 cores (with Earthing Cat | |
| Operating Temperature Range | Heating | °C | -15°C ~ 24 | °C |
| Area Coverage*** | Sq. Meters | | 15.32 ~ 18.58 | 41.80 ~ 55.74 |

Refrigerant Pipe Length





Remote Control





- * = Model: SRK100ZR-W is of 3.1 ton. As per BEE notification, Star Rating is applied only for models upto 3.0 ton capacity only, # = This is an indicative ISEER for Model: SRK100ZR-W, since BEE Star Rating regulations are not applicable for this model.
 ** 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



Our Motto
"Customer Satisfaction Index No.-1"



FUTURE

TOGETHER



PRECAUTIONS

Always get the Mitsubishi Heavy Ind. Airconditoners 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.

Coimbatore

Trichy

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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MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.



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