



MITSUBISHI
HEAVY INDUSTRIES

AIR CONDITIONERS

HEAVY DUTY

MOVE THE WORLD FORWARD



日本品質



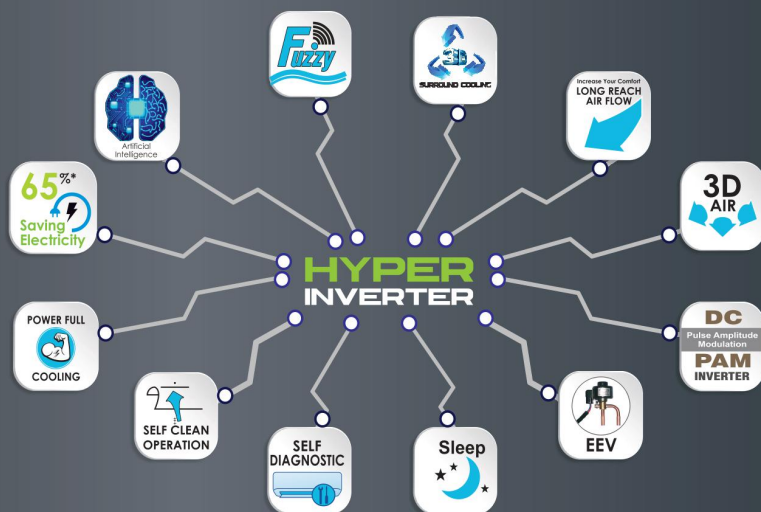
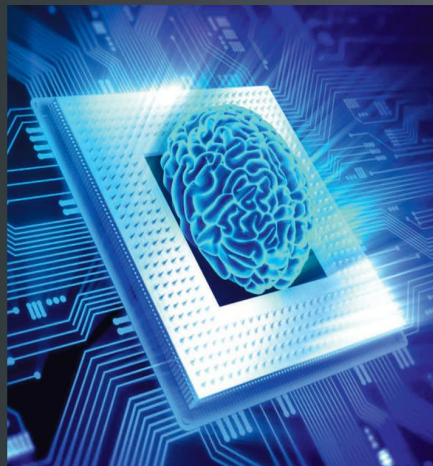
HYPER
INVERTER

Next
Generation
High
Performance
Airconditioning



HYPER INVERTER

ARTIFICIAL INTELLIGENCE



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.



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

Fuzzy Auto Mode

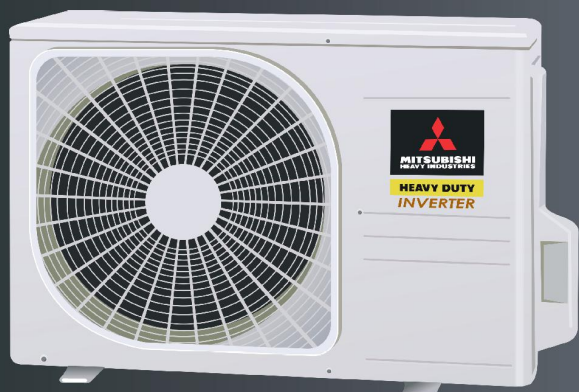
The temperature and humidity sensors check room conditions. The unit automatically controls the operation mode and the setting temperature to operate efficiently. Operation mode and cooling/heating capacity is controlled automatically according to one setting temperature. Fuzzy auto mode offers automatic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



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

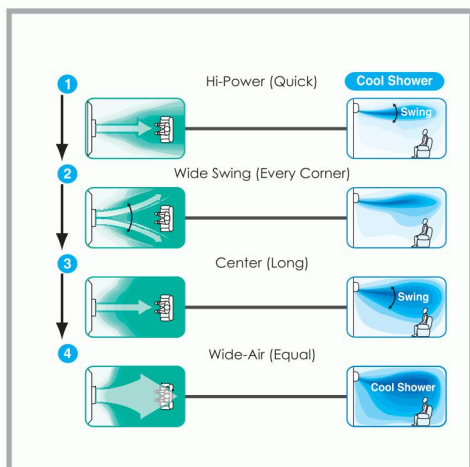


EEV = Electronic Expansion Valve



3D Air Flow

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



AUTO SETTING [3D AUTO]



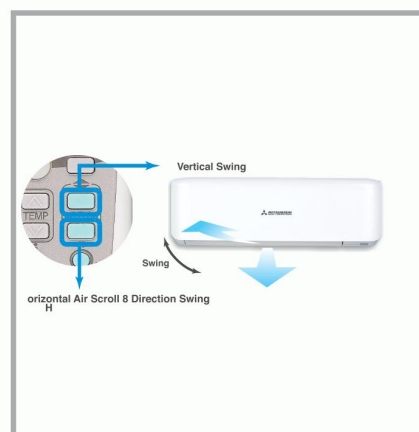
Thanks to automatic control of air flow volume and air flow direction, comfortable air conditioning of the entire room can be done effectively.

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.

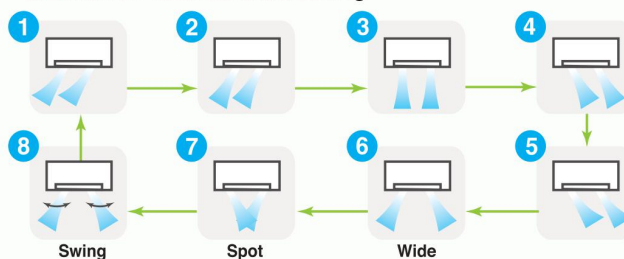
In heating operation warm air flows to the floor directly and spreads along the floor. Due to concentration of the warm air on the floor level, optimum comfort can be achieved.

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.

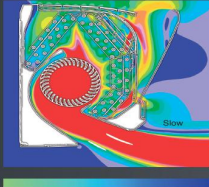
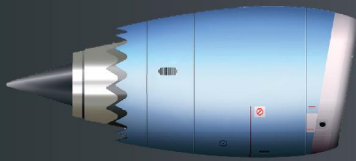


Horizontal Air Scroll 8 Direction Swing



3D AUTO is one touch programmed and three motors (two vertical working motor + one 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.

TURBOJET
ターボジェット



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

JET FLOW TECHNOLOGY

POWERFUL & SILENT AIR FLOW

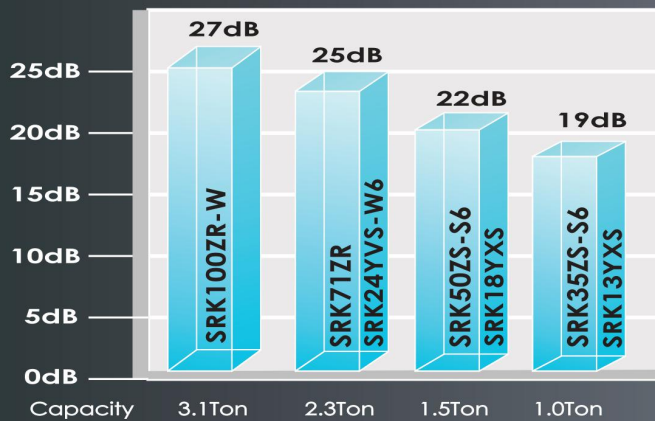
JET ENGINE TECHNOLOGY

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.

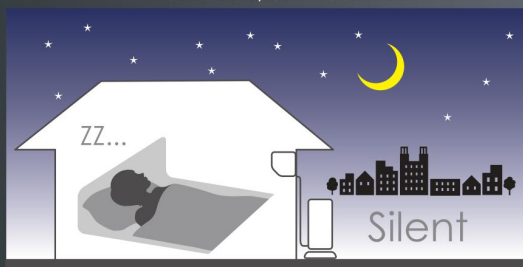
Silent Operation
Indoor Unit



19dB



SRK35ZS-S6, SRK50ZS-S6, SRK24YVS-W6
SRK71ZR, SRK100ZR-W



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.

Outdoor Unit

When Silent operation is set, the maximum pressure level of outdoor unit will be 3dB(A) lower than standard nominal level (45dB(A) or less). The compressor speed is set at a lower range than that of nominal operation, operating at 60% of nominal capacity. Maximum fan speed of outdoor unit is set lower than nominal operation.



LONG REACH AIR FLOW

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



SURROUND COOLING

Night Setback Operation

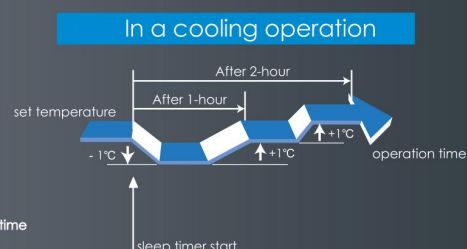
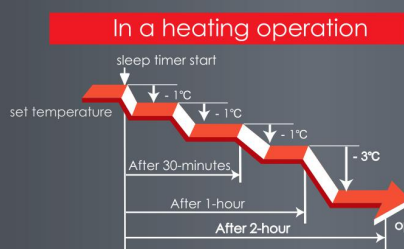
In Heating Mode

During cold seasons, room temperature can be maintained at a comfortable level even while the room is unattended. The air conditioner keeps the temperature at 10°C.



Sleep Timer

Too much cooling/heating is not necessary when people go to sleep. This function achieves moderate cooling/heating by adjusting its capacity and more energy saving as well.

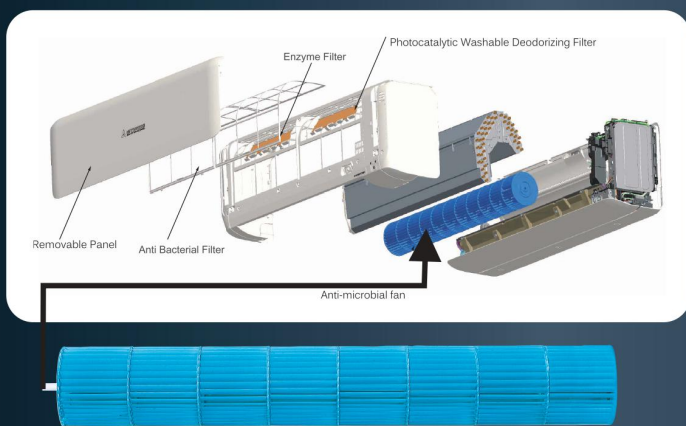


19.81 METERS*

SRK100ZR (3.1 Ton)



CLEAN AIR



ANTI-MICROBIAL FAN



FOR GERM FREE AIR
ANTI - MOULD
ANTI - BACTERIAL

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.

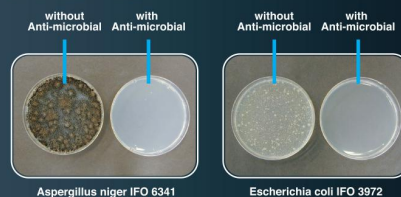
Intestinal bacteria (Escherichia coli IFO 3972)
Staphylococcus aureus subsp. aureus IFO 12732
Testing Authority: Japan Food Analysis Center
Test Results Issued: 2004-4-7.
Test Report No.: 104034022-001

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.

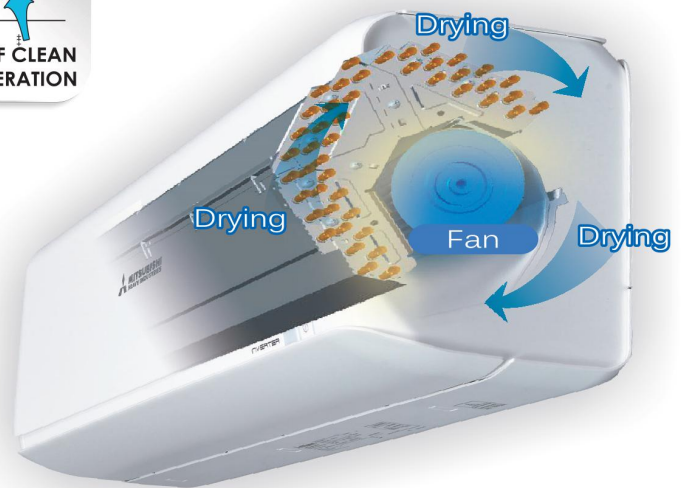
Comparison of growth of bacteria and mold on fan surfaces (microscopic image)



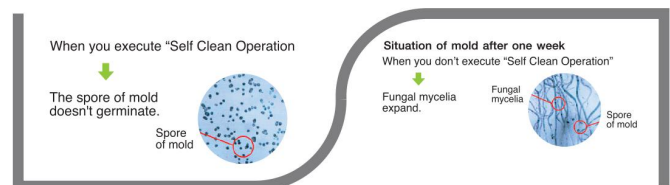
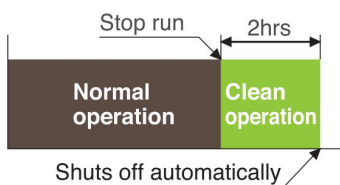
In tests conducted at the Mitsubishi Heavy Industries Nagoya Research Lab, 24 hrs after contact with bacteria, cultured on agar media.

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.

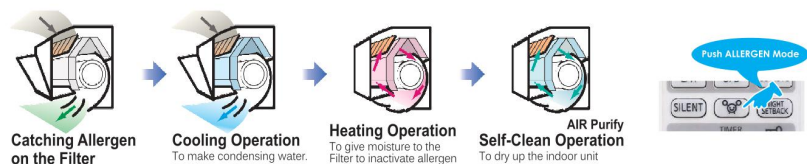


Always Keeping Indoor Unit Clean



ALLERGEN CLEAR OPERATION

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.



ALLERGEN CLEAR FILTER

Enzyme + Urea deactivates allergens and bacteria.



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



PHOTOCATALYTIC DEODORIZING FILTER

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

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.

Feature Guide

Comfortable Air Flow Functions



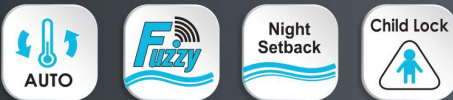
Clean Air



Maintenance



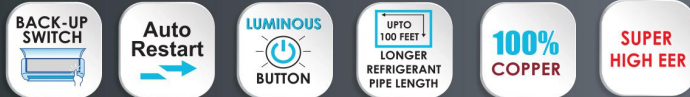
Comfortable Functions



Convenient & Economy Functions



Others



Easy Control

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/ ECO operation.

AIR FLOW (LEFT/RIGHT) button

This button changes the airflow (left/ right) direction.

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.

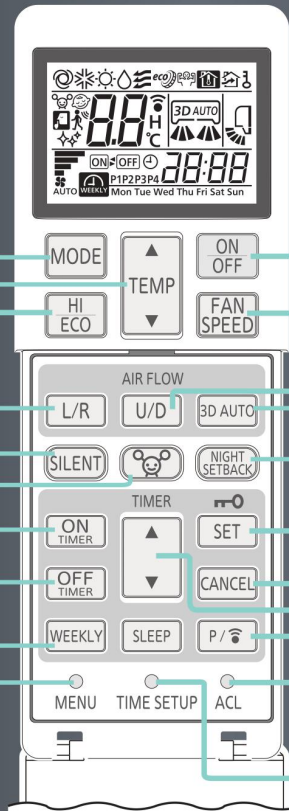
MENU switch

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.



[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 operation.

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	SRK10YL-S / SRK13YL-S SRK18YL-S / SRK24YVS-W6	SRK13YXS-W6/ SRK18YXS-W6 SRK18YXS2-W6	SRK35ZS-S6 / SRK50ZS-S6 SRK71ZR / SRK100ZR-W
1	DC PAM Inverter	✓	✓	✓
2	High Power Cooling	✓	✓	✓
3	Jet Air Flow	✓	✓	✓
4	3D Air	✓	✓	✓
5	3D Auto	✓	✓	✓
6	Auto Flap	✓	✓	✓
7	Memory	✓	✓	✓
8	Up/Down (Horizontal Louver)	✓	✓	✓
9	Lateral Swing (Vertical Louver)	✓	✓	✓
10	Position of Installation	✓	✓	✓
11	Economy Cooling	✓	✓	✓
12	Front Panel Detachable	✓	✓	✓
13	Enzyme Filter	✓	✓	✓
14	Solar Filter (Deodorizing)	✓	✓	✓
15	Anti Micro Bial Fan	✓	✓	✓
16	Self Clean Operation		✓	✓
17	Allergen Filter + Activated Carbon	✓	✓	✓
18	Auto Mode	✓	✓	✓
19	Fuzzy Logic	✓	✓	✓
20	Night Setback			✓
21	Child lock		✓	✓
22	Back-Up Switch	✓	✓	✓
23	Auto Restart	✓	✓	✓
24	Luminous Button	✓	✓	✓
25	100% Copper	✓	✓	✓
26	EEV	✓	✓	✓
27	Self Diagnostic	✓	✓	✓
28	Dry Mode	✓	✓	✓
29	Off timer	✓	✓	✓
30	Sleep Mode	✓	✓	✓
31	MC (Micro Computer)	✓	✓	✓
32	Silent Mode (Ulo Fan Speed)		✓	✓
33	Super Silent in Low Fan	✓	✓	✓
34	R410A	✓		✓
35	R32		✓	
36	Weekly Timer		✓	✓

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

Cooling Only

Hyper Inverter

ECO SMART

TURBOJET
ターボジェット

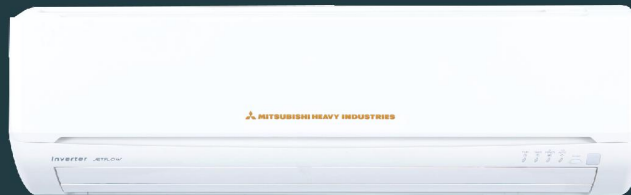
Series
2.2 Ton

Super High Efficiency
Excellent Energy Saving

←----- 1.19 Meter -----→



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



SRK10YL-S 0.8 Ton (0.28 Ton ~ 0.89 Ton)

SRK13YL-S 1.0 Ton (0.28 Ton ~ 1.15 Ton)

SRK18YL-S 1.5 Ton (0.45 Ton ~ 1.6 Ton)



SURROUND COOLING



LONG REACH AIR FLOW

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

18.28 METERS* SRK24YVS-W6 (2.2 Ton)

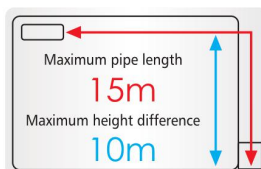


Specifications

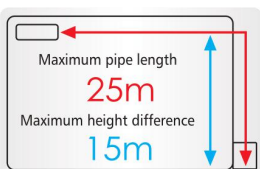


			ECO SMART - HYPER INVERTER - COOLING ONLY				
MODEL	Unit		SRK10YL-S	SRK13YL-S	SRK18YL-S	SRK24YVS-W6	
	Indoor Unit		SRK10YL-S	SRK13YL-S	SRK18YL-S	SRK24YVS-W6	
	Outdoor Unit		SRC10YL-S	SRC13YL-S	SRC18YL-S	SRC24YVS-W6	
Ton - Cooling Only	(minimum ~maximum)		0.8 (0.28 Ton ~ 0.89 Ton)	1.0 (0.28 Ton ~ 1.15 Ton)	1.5 (0.45 Ton ~ 1.6 Ton)	2.2 (0.65 Ton ~ 2.36 Ton)	
BEE Star Rating - 2021			5 Star	5 Star	4 Star	5 Star	
Compressor Type			Super Tropical - DC PAM Inverter - Return Cooled - Rotary				
VFD - Variable Frequency Drive			Inverter Vector Control Technology for Higher Efficiency				
Minimum Compressor RPM			7 ~ 15 RPM - Using Vector Control Technology				
Refrigerant Volume Control Using			Motorized Electronic Expansion Valve for Variable Refrigerant Flow				
LCD Remote Control (iPM Controller)			iPM (Intelligent Power Module)				
Power Source			1 Phase, 220 / 230 V, 50 Hz				
Maximum Cooling Capacity at**	120% Load	BTU/hr	9861	13252	19609	28320	
Rated Cooling Capacity at	100% Load		9247	12454	18425	26272	
Rated Cooling Capacity at	50% Load		5203	6995	9646	13477	
Maximum Cooling Capacity at**	120% Load	Watts	2890	3884	5747	8300	
Rated Cooling Capacity at	100% Load		2710	3650	5400	7700	
Rated Cooling Capacity at	50% Load		1525	2050	2827	3950	
Rated Power Consumption at	100% Load	watts	670	975	1560	1800	
Rated Power Consumption at	50% Load		253	369	582	690	
Rated EER / COP at	100% Load		4.3	3.7	3.5	4.3	
Rated EER / COP at	50% Load	W/w	6.0	5.6	4.9	5.7	
Rated Indian Seasonal Energy Efficiency			ISEER	5.41	5.00	4.49	5.41
Current (Minimum ~ Maximum)**			A	0.5 ~ 3.0	0.65 ~ 4.3	0.87 ~ 7.0	1.5 ~ 8.5
Dimension (H x W x D)	Indoor Unit	mm	268 x 790 x 224	268 x 790 x 224	268 x 790 x 224	339 x 1197 x 262	
	Outdoor Unit	mm	540 x 780(+62) x 290	540 x 780(+62) x 290	595 x 780(+62) x 290	750 x 880(+88) x 340	
Net Weight	Indoor Unit	Kgs	8.5	8.5	9.5	15.5	
	Outdoor Unit	Kgs	29	32	35	58	
Cooling Coil Row	Indoor Unit	No.s	2	3	3	3	
Air Flow (CMH)	Indoor Unit	m3/hr	600	790	1000	1450	
Long Reach Air Flow Upto	Indoor Unit	Meters	4.57	4.57	5.18	18.28	
Self Diagnosis Function	Indoor Unit		Yes	Yes	Yes	Yes	
Sound Level (H/M/L)	Indoor Unit	dB	39 / 30 / 22	39 / 30 / 22	45 / 38 / 26	43 / 40 / 36 / 24 (U-low)	
Louver Swing	Indoor Unit		3D + 3D AUTO				
Special Filter	Indoor Unit		Enzyme + Solar + Anti Bacterial - Filters				
Fan	Indoor Unit		Anti - Micro Bial Fan				
DC Fan Motor Speed	Indoor Unit		Auto / Powerful / High / Medium / Low / Dry/ (Ultra Low-in-silent mode in SRK24YVS)				
Refrigerant			R410A			R32	
Refrigerant Injection in Coil			4 Point - Multi Port				
Refrigerant Piping	Liquid Line	mm	6.35 (1/4")				
Thickness:18Gauge(1mm)	Gas Line	mm	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")	
Main Power Supply to	Outdoor Unit		2.5 mm ² x 3 cores (including Earthing)				
Connecting wiring	B/w IDU & ODU		2.5 mm ² x 4 cores (including Earthing)				
Area Coverage ***		Sq.Meters	7.43 ~ 13.00	12.07 ~ 15.79	13.93 ~ 18.58	27.8 ~ 41.8	

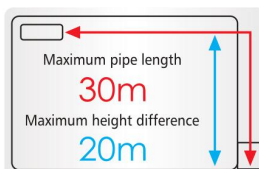
Refrigerant Pipe Length



SRK10YL-S / SRK13YL-S



SRK18YL-S



SRK24YVS-W6

Remote Control



SRK10YL-S
SRK13YL-S
SRK18YL-S



SRK24YVS-W6

** 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

Cooling Only

Hyper Inverter

ECO SMART

TURBOJET
ターボジェット

Series
1.65 Ton

INDIA'S HIGHEST ISEER HYPER INVERTER

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

WITH HIGHEST AIR FLOW 1434 CMH

←----- 1.19 Meter -----→



NEW
SERIES 2021

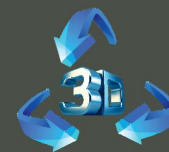
SRK18YXS2-W6 1.65 Ton (0.48 Ton ~ 1.96 Ton)



NEW
SERIES 2021

SRK13YXS-W6 1.1 (0.25 Ton ~ 1.25 Ton)

SRK18YXS-W6 1.5 (0.34 Ton ~ 1.6 Ton)



SURROUND COOLING



LONG REACH AIR FLOW

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

17.0 METERS* SRK18YXS2-W6 (1.65 Ton)



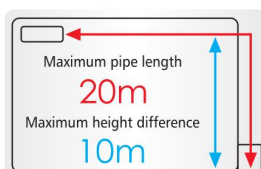
Specifications



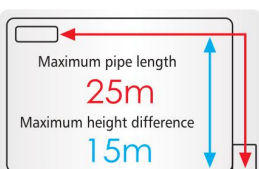
ECO SMART - HYPER INVERTER (R32) - COOLING ONLY

MODEL	Unit	SRK13YXS-W6	SRK18YXS-W6	SRK18YXS2-W6
	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 Ton (0.48 Ton ~1.96 Ton)
BEE Star Rating - 2021		5 Star	5 Star	5 Star
Super Tropical Compressor Type		Rotary	Rotary	Rotary
VFD - Variable Frequency Drive		Inverter Vector Control Technology for Higher Efficiency		
Minimum Compressor RPM		7 ~ 15 RPM - Using Vector Control Technology		
Refrigerant Volume Control Using		Motorized Electronic Expansion Valve for Variable Refrigerant Flow		
LCD Remote Control (iPM Controller)		iPM (Intelligent Power Module)		
Power Source		1 Phase, 220 / 230 V , 50 Hz		
Maximum Cooling Capacity	120% Load	15013	19107	23542
Rated Cooling Capacity at	100% Load	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	3810	5400	5825
Rated Cooling Capacity at	50% Load	1910	2635	2930
Rated Power Consumption at	100% Load	1000	1454	1320
Rated Power Consumption at	50% Load	332	468	470
Rated EER	100% Load	3.8	3.7	4.4
Rated EER	50% Load	5.8	5.6	6.2
Rated Indian Seasonal Energy Efficiency		ISEER	4.99	5.70
Current (minimum ~maximum)**		A	0.70 ~ 4.8	1.1 ~ 6.5
Dimension (H x W x D)	Indoor Unit	mm	290 x 870 x 230	339 x 1197 x 262
	Outdoor Unit	mm	540 x 645(+57) x 275	540 x 780(+62) x 290
Net Weight	Indoor Unit	Kgs	10.0	16
	Outdoor Unit	Kgs	27	30.5
Cooling Coil Row	Indoor Unit	No.s	2	3
Air Flow	Indoor Unit	CMH	850	1434
Long Reach Air Flow Up to	Indoor Unit	Meters	5.18	17
Self Diagnosis Function	Indoor Unit		Yes	Yes
Sound Level (H/M/L/Ulo)	Indoor Unit	dB	41 / 35 / 29 / 19(Ulo)	46 / 39 / 31 / Ulo:23
Louver Swing	Indoor Unit		3D + 3D AUTO	
Special Filter	Indoor Unit		Enzyme + Solar (Deodorising Filter) + Anti Bacterial - Filters	
Blower Fan	Indoor Unit		Anti - Micro Bial Fan	
DC Fan Motor Speed	Indoor Unit		Auto / Powerful / High / Medium / Low / Ulo (Silent Mode) / Dry	
Refrigerant			R32	R32
Refrigerant Piping	Liquid Line	mm	6.35 (1/4")	6.35 (1/4")
Thickness:18Gauge	Gas Line	mm	9.52 (3/8")	12.7 (1/2")
Main Power Supply to	Outdoor Unit		2.5 mm ² x 3 cores (with Earthing Cable)	
Connecting wiring	B/w IDU & ODU		2.5 mm ² x 4 cores (with Earthing Cable)	
Area Coverage ***		Sq. Meters	12 ~ 15.79	18.58 ~ 26.0

Refrigerant Pipe Length



SRK13YXS-W6



SRK18YXS-W6 / SRK18YXS2-W6 /

Remote Control



SRK13YXS-W6 / SRK18YXS-W6
SRK18YXS2-W6

** 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

Cooling + Heating

Hyper Inverter

ECO SMART

TURBOJET
ターボジェット

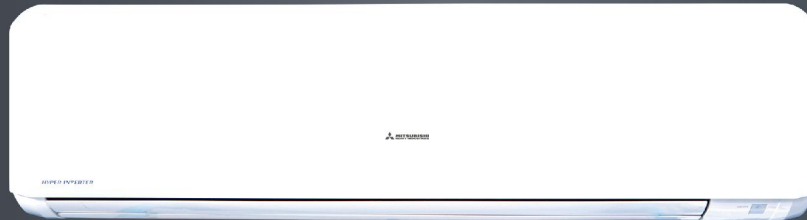
Series

3.1 Ton

2.1 Ton

Elegant Timeless Design

←----- 1.19 Meter -----→



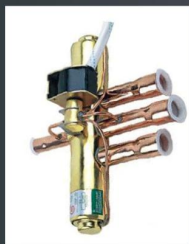
SRK71ZR 2.1 Ton (0.65 Ton ~ 2.3 Ton)

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



SRK35ZS-S6 1.0 Ton(0.28 Ton ~ 1.1 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



SURROUND COOLING



LONG REACH AIR FLOW

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

19.81 METERS* SRK100ZR-W (3.1 Ton)

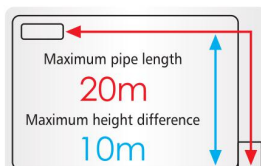


Specifications

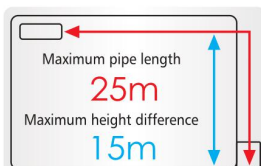


ECO SMART - HYPER INVERTER (R410A) - COOLING + HEATING						
MODEL	Unit		SRK35ZS-S6	SRK50ZS-S6	SRK71ZR	SRK100ZR-W
	Indoor Unit		SRK35ZS-S6	SRK50ZS-S6	SRK71ZR	SRK100ZR-W
	Outdoor Unit		SRC35ZS-S6	SRC50ZS-S6	SRC71ZR	FDC100VNP/1
Ton - Cooling	(minimum ~ maximum)		1.0 (0.28 Ton ~ 1.1 Ton)	1.50 (0.48 Ton ~ 1.60 Ton)	2.10 (0.65 Ton ~ 2.3 Ton)	3.10 (0.68 Ton ~ 3.3 Ton)
Ton - Heating	(minimum ~ maximum)		1.13 (0.25 Ton ~ 1.36 Ton)	1.65 (0.45 Ton ~ 1.90 Ton)	2.85 (0.56 Ton ~ 3.0 Ton)	3.18 (0.90 Ton ~ 3.3 Ton)
Cooling & Heating Function	Built in Reversible Solenoid Valve for Cooling & Heating Mode					
BEE STAR RATING - 2021			5 STAR	5 STAR	5 STAR	NOT APPLICABLE *
Compressor Type			Super Tropical - DC PAM Inverter - Return Cooled - Rotary		Super Tropical - DC PAM Inverter - Return Cooled -Twin Rotary	
VFD - Variable Frequency Drive	Inverter Vector Control Technology for Higher Efficiency					
Minimum Compressor RPM	7 ~ 15 RPM - Using Vector Control Technology					
Refrigerant Volume Control Using	Motorized Electronic Expansion Valve for Variable Refrigerant Flow					
LCD Remote Control (iPM Controller)	iPM (Intelligent Power Module)					
Power Source	1 Phase, 220 / 230 V, 50 Hz					
Maximum Cooling Capacity at 120% Load		BTU/hr	12966	18766	27272	39579
Rated Cooling Capacity at 100% Load			12000	17231	25436	37208
Rated Cooling Capacity at 50% Load			5920	8615	12966	18664
Maximum Cooling Capacity at 120% Load			3800	5500	7933	11600
Rated Cooling Capacity at 100% Load		Watts	3517	5050	7455	10905
Rated Cooling Capacity at 50% Load			1735	2525	3800	5470
Rated Power Consumption at 100% Load			980	1375	2000	3090
Rated Power Consumption at 50% Load			327	485	725	1500
Rated EER/ COP at 100% Load		W/w	3.6	3.7	3.7	3.5
Rated EER/ COP at 50% Load			5.3	5.2	5.2	3.6
Rated Indian Seasonal Energy Efficiency		ISEER	4.75	4.75	4.85	3.83#
Current (Minimum ~ Maximum)**		A	0.70 ~ 4.5	1.30 ~ 6.5	1.40 ~ 9.0	3.0 ~ 14.0
Maximum Heating Capacity**		BTU/hr	16378	22519	34200	39238
Minimum Heating Capacity			3071	5459	6825	10918
Rated Heating Capacity			13648	19790	27300	38214
Maximum Heating Capacity**			4800	6600	10023	11500
Minimum Heating Capacity		Watts	900	1600	2000	3200
Rated Heating Capacity			4000	5800	8000	11200
Maximum Power Consumption		watts	1100	1550	2060	3280
Minimum Power Consumption			200	250	375	650
Rated Power Consumption			900	1300	1950	3000
EER at Maximum HeatingCapacity			W/w	4.36	4.26	4.87
EER at Minimum Heating Capacity		4.50		6.40	5.33	4.92
EER at Rated Heating Capacity		4.44		4.46	4.10	3.73
Current (Heating mode)		A	1.0 ~ 4.0	1.0 ~ 6.0	1.5 ~ 8.5	2.5 ~ 13.7
Dimension (H x W x D)	Indoor Unit	mm	290 x 870 x 230		339 x 1197 x 262	
	Outdoor Unit	mm	540 x 780(+62) x 290	595 x 780(+62) x 290	750 x 880(+88) x 340	845 x 970 x 370
Net Weight	Indoor Unit	Kgs	9.5	10	15.5	16.5
	Outdoor Unit	Kgs	34.5	36.5	57	70
Cooling Coil Row	Indoor Unit	No.s	2	3	3	3
Air Flow	Indoor Unit	CMH	810	1000	1450	1900
Long Reach Airflow Upto	Indoor Unit	Meters	5.18	6.09	18.28	19.81
Self Diagnosis Function	Indoor Unit		Yes	Yes	Yes	Yes
Sound Level (H/M/L/ULo)	Indoor Unit	dB	40 / 30 / 26 / 19(U-low)	45 / 36 / 28 / 22 (U-low)	44 / 41 / 37 / 25 (U-Low)	48 / 45 / 40/ 27(U-Low)
Louver Swing	Indoor Unit		3D + 3D AUTO	3D + 3D AUTO	3D + 3D AUTO	3D + 3D AUTO
Special Filter	Indoor Unit		Allergen + Solar + Anti Bacterial - Filters			
Blower Fan	Indoor Unit		Anti - Micro Biol Fan			
DC Fan Motor Speed	Indoor Unit		Auto / Powerful / High / Medium / Low / ULo (Silent Mode) / Dry			
Refrigerant Piping	Liquid Line	mm	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")
Thickness: 18 Gauge (1mm)	Gas Line	mm	9.52 (3/8")	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 (with Earthing Cable)			
Connecting wiring	B/w IOU & ODU		2.5 mm ² x 4 cores (with Earthing Cable)			
Operating Temperature Range	Heating	°C	-15°C ~ 24°C			
Area Coverage***	Sq. Meters		12.07 ~ 15.79	15.32 ~ 18.58	27.87 ~ 41.80	41.80 ~ 55.74

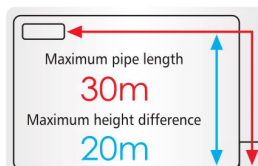
Refrigerant Pipe Length



SRK35ZS-S6



SRK50ZS-S6



SRK71ZR, SRK100ZR-W

Remote Control



SRK35ZS-S6, SRK50ZS-S6
SRK71ZR, SRK100ZR-W

* = 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

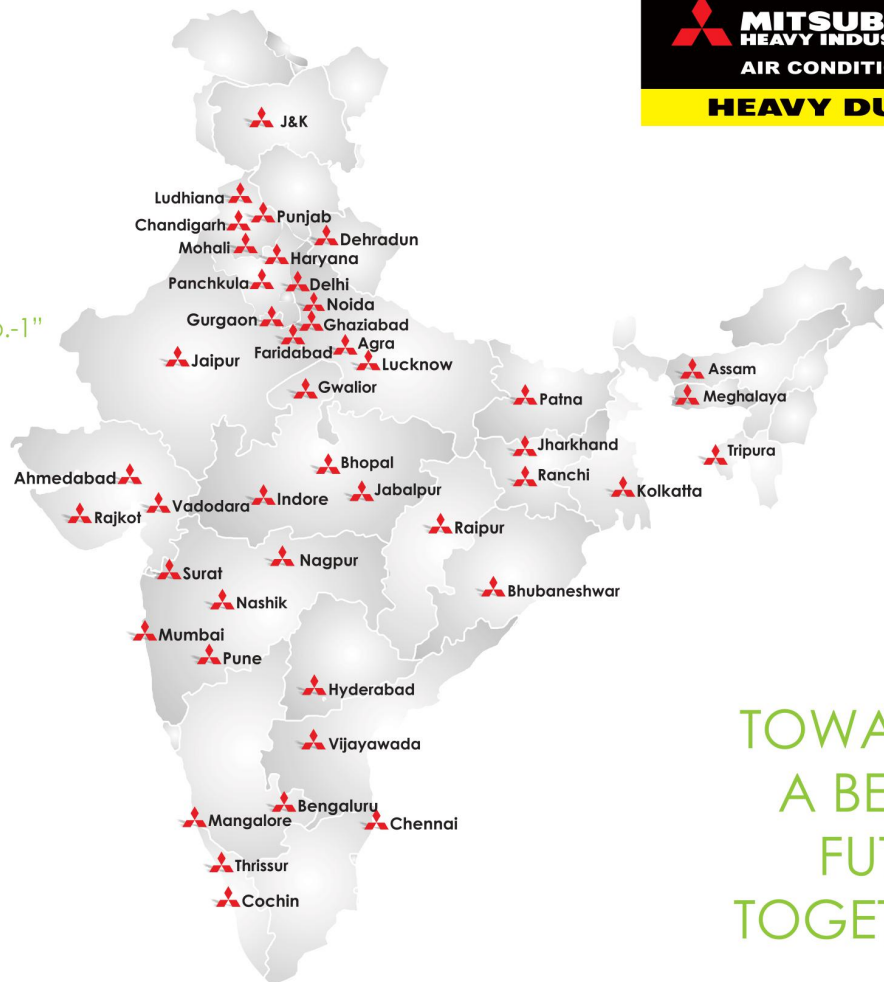
*** Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned.

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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, Chalalongkrung Road, Lamplatiw, Lat krabang, Bangkok Thailand 10520

Sales, Service & Marketing Headquarter (India)



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