

**MITSUBISHI**  
HEAVY INDUSTRIES  
AIR CONDITIONERS

**HEAVY DUTY**

**HYPER<sup>AI</sup>**  
**INVERTER**



Country of Origin : Thailand



**TURBOJET**   
Series ターボジェット

Next  
Generation  
High  
Performance  
Airconditioning

 IAPL GROUP

# Hyper Inverter

ECO SMART

NEW  
SERIES 2020

Cooling Only

**TURBOJET**  
ターボジェット  
Series



SRK13YXS-W6 (1.1 Ton)

**1.1  
Ton**



SURROUND COOLING

1.1 Ton ( 0.25 Ton ~ 1.25 Ton )  
WITH HIGHEST AIR FLOW 850 CMH





## SPECIFICATIONS

SPECIFICATIONS		ECO SMART - HYPER INVERTER ( R32 ) - COOLING ONLY	
	Unit	SRK13YXS-W6	
MODEL	Indoor Unit	SRK13YXS-W6	
	Outdoor Unit	SRC13YXS-W6	
Tonnage	(Cooling Only )	1.1 ( 0.25 Ton ~ 1.25 Ton )	
<b>BEE STAR RATING - 2020</b>		<b>5 Star</b>	
Super Tropical Compressor Type		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*	BTU/hr	15013	
Rated Cooling Capacity ( 100% Load )		13000	
Rated Cooling Capacity ( 50% Load )		6517	
Maximum Cooling Capacity*	Watts	4400	
Rated Cooling Capacity ( 100% Load )		3810	
Rated Cooling Capacity ( 50% Load )		1910	
Rated Power Consumption (100% Full Load)	watts	1000	
Rated Power Consumption ( 50% Half Load)		332	
Rated EER ( 100% Load )	W/w	3.8	
Rated EER ( 50% Load )		5.8	
Rated Indian Seasonal Energy Efficiency Ratio	ISEER	5.1	
Current ( 100% Load Capacity )	A	0.70 ~ 4.8	
Dimension ( H x W x D )	Indoor Unit	mm	290 x 870 x 230
	Outdoor Unit	mm	540 x 645(+57) x 275
Weight	Indoor Unit	Kgs	10.0
	Outdoor Unit	Kgs	27
Cooling Coil Row	Indoor Unit	No.s	2
Air Flow	Indoor Unit	CMH	850
Long Reach Airflow Upto	Indoor Unit	Meters	5.18
Self Diagnosis Function	Indoor Unit		Yes
Sound Level (H/M/L/U/Lo)	Indoor Unit	dB	41 / 35 / 29 / 19(U/Lo)
Louver Swing	Indoor Unit		3D + 3D AUTO
Special Filter	Indoor Unit		Deoderizing (Sun) Filter + Enyme Filter + Anti Bacterial - Filters
Blower Fan	Indoor Unit		Anti - Micro Bial Fan
DC Fan Motor Speed	Indoor Unit		Auto / Powerful / High / Medium / Low / U/Lo (Silent Mode) / Dry
Refrigerant			R32
Refrigerant Piping Thickness: 18Gauge (1mm)	Liquid Line	mm	6.35 (1/4")
	Gas Line	mm	9.52 (3/8")
Main Power Supply to	Outdoor Unit		2.5 mm2 x 3 cores (with Earthing Cable)
Connecting wiring	B/w IOU & ODU		2.5 mm2 x 4 cores (with Earthing Cable)
Area Coverage***		Sq.Meters	12 ~ 15.79



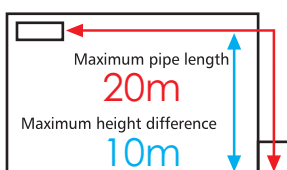
### LONG REACH AIR FLOW

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

SRK13YXS-W6 (1.1 Ton)

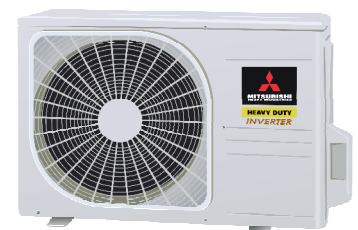


### Refrigerant Pipe Length



SRK13YXS-W6

### Remote Control



SRK13YXS-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

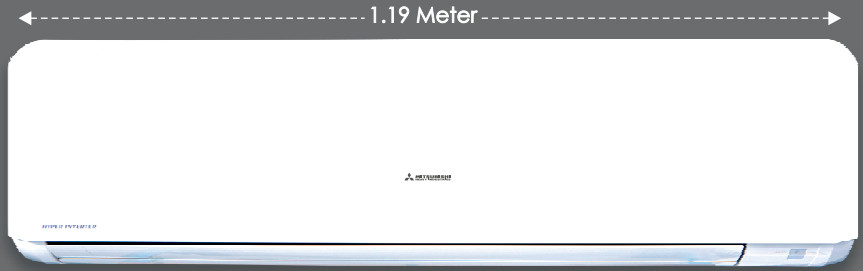
# Hyper Inverter

ECO SMART

NEW  
SERIES 2020

Cooling Only

**TURBOJET**  
ターボジェット  
Series



SRK18YXS2-W6 (1.65 Ton)

**1.65  
Ton**

**5.7  
SUPER HIGH  
ISEER**



INDIA'S HIGHEST ISEER  
IN 1.65 Ton HYPER INVERTER  
WITH HIGHEST AIR FLOW 1434 CMH



SURROUND COOLING





## SPECIFICATIONS

SPECIFICATIONS		HYPER INVERTER - R32	
MODEL	Unit	SRK18YXS2-W6	
	Indoor Unit	SRK18YXS2-W6	
	Outdoor Unit	SRC18YXS2-W6	
Tonnage (Ton)	(Cooling Only )	1.65 Ton [ 0.48 Ton (min)~1.96 Ton (max)]	
<b>BEE STAR RATING - 2020 ~ Dec-2023</b>		<b>5 Star</b>	
Super Tropical Compressor Type		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		23542	
Rated Cooling Capacity ( 100% Load )		BTU/hr	19875
Rated Cooling Capacity ( 50% Load )			9997
Maximum Cooling Capacity			6900
Rated Cooling Capacity ( 100% Load )		Watts	5825
Rated Cooling Capacity ( 50% Load )			2930
Rated Power Consumption (100% Full Load)		watts	1320
Rated Power Consumption ( 50% Half Load)			470
Rated EER (100% Load )		W/w	4.4
Rated EER ( 50% Load )			6.2
Rated Indian Seasonal Energy Efficiency Ratio		ISEER	5.70
Current ( 100% Load Capacity )		A	1.1 ~ 6.5
Dimension (H x W x D)	Indoor Unit	mm	339 x 1197 x 262
	Outdoor Unit	mm	540 x 780(+62) x 290
Gross Weight	Indoor Unit	Kgs	19.0
	Outdoor Unit	Kgs	32.5
Cooling Coil Row	Indoor Unit	No.s	3
Air Flow	Indoor Unit	CMH	1434
Long Reach Airflow Upto	Indoor Unit	Meters	17
Self Diagnosis Function	Indoor Unit		Yes
Sound Level (H/M/L/U/L0)	Indoor Unit	dB	46 / 39 / 31 / ULo:23
Louver Swing	Indoor Unit		3D + 3D AUTO
Special Filter	Indoor Unit		Sun Deodorising Filter + Enzyme Filter + 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			R32
Refrigerant Piping Thickness: 1/8Gauge (1mm)	Liquid Line	mm	6.35 (1/4")
	Gas Line	mm	12.7 (1/2")
Main Power Supply to	Outdoor Unit		2.5 mm2 x 3 cores (with Earthing Cable)
Connecting wiring	B/w IOU &		2.5 mm2 x 4 cores (with Earthing Cable)
Area Coverage***		Sq.Meters	18.58 ~ 26.0



### LONG REACH AIR FLOW

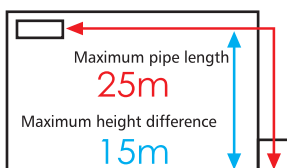
Powerful air flow is realized by Jet technology. Good for large living rooms and shops. Increase your comfort.

## 17.0 METERS\*

SRK18YXS2-W6 (1.65 Ton)



### Refrigerant Pipe Length



SRK18YXS2-W6

### Remote Control



\*\* 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

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# Feature Guide

## Comfortable Air Flow Functions



## Clean Air



## Maintenance



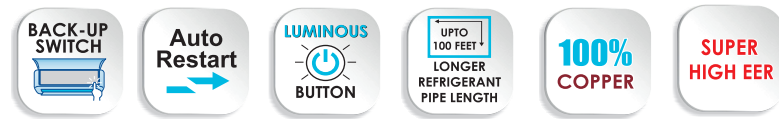
## Comfortable Function



## Convenient & Economy Functions

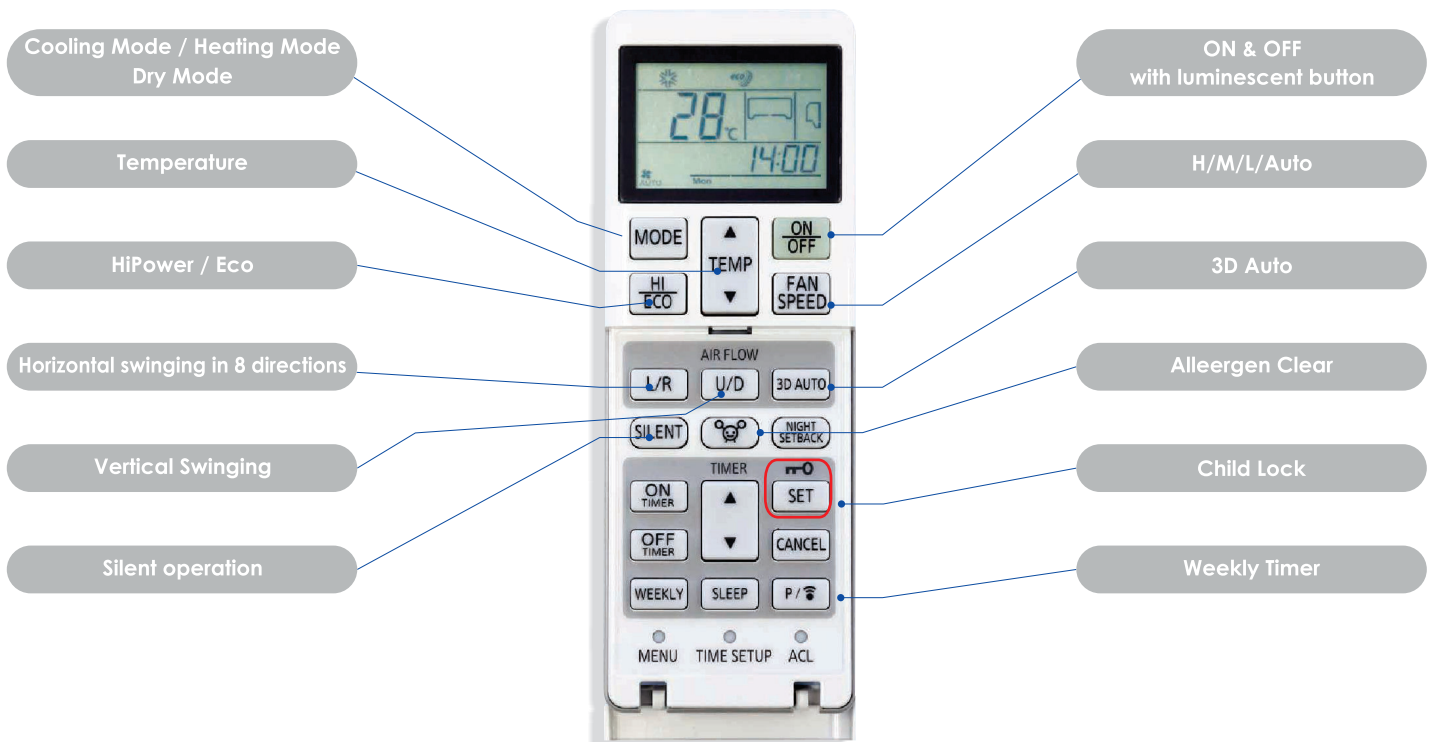


## Others



## Easy Controls

SRK35ZS-S6, SRK50ZS-S6  
 SRK35ZSA-W, SRK50ZSA-W  
 SRK71ZR-S6, SRK100ZR-S6  
 SRK24YRV-S6





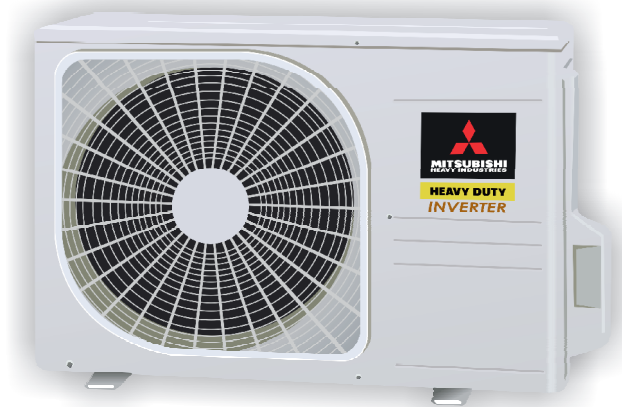
## DC PAM Inverter

The new MHI Hyper Inverter Airconditioners uses the Technology Next DC PAM Inverter Compressor with Vector Control for delivering very high energy efficiency for Electricity Saving upto 65%. Hyper Inverter uses a combination of PAM ( Pulse Amplitude Modulation) + Vector Control for smooth transition from the low to high speed and vice versa.

Hyper Inverter uses Embedded Microprocessor – Micro Chip having 1,00,000 plus, permutation & combination of controlling the flow of refrigerant using Motorized EEV (Electronic Expansion Valve) corresponding to the speed of the DC Variable Speed compressor in accordance to the indoor temperature requirement with respect to the ambient temperature. This microprocessor electronically regulates the speed of the variable speed compressor & the flow of refrigerant thru EEV to give optimum refrigeration cycle to deliver highest cooling efficiency at minimum electricity consumption there by giving Electricity Saving upto 65% over Conventional AC. Hyper Inverter AC gives wide range of capacity deliverance from 10% to 120% using DC PAM Inverter Technology. Hyper Inverter AC compressor runs at 120% of its speed / capacity in first 15 minutes to achieve the desired temperature and once the set temperature is reached, it regulates the speed of compressor at 20% of its actual capacity thereby resulting into Electricity Saving upto 65% over to Conventional AC.

### Features Comparison

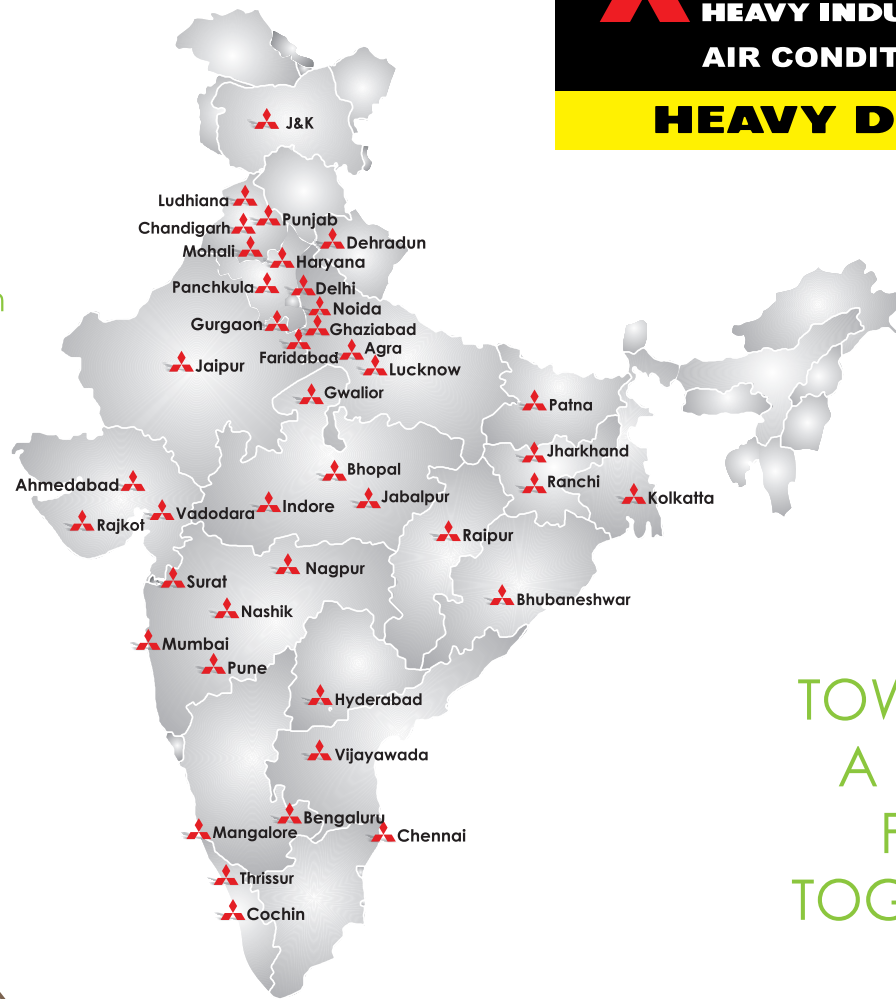
SL NO.	Features	SRK18YXS2-W6 SRK13YXS-W6
1	DC PAM Inverter	✓
2	High Power Cooling	✓
3	Jet Air Flow	✓
4	3D Air	✓
5	3D Auto	✓
6	Auto Flap	✓
7	Memory	✓
8	Up/Down (Horizontal Louver)	✓
9	Lateral Swing (Vertical Louver)	✓
10	Position of Installation	✓
11	Economy Cooling	✓
12	Front Panel Detachable	✓
13	Enzyme 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	✓



Big Outdoor Unit



Our Motto  
"Customer Satisfaction  
Index No.-1"



TOWARDS  
A BETTER  
FUTURE  
TOGETHER

## PRECAUTIONS

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

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

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

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

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

Sales, Service & Marketing Headquarter (India)



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(Wholly-owned subsidiary of MITSUBISHI HEAVY INDUSTRIES, LTD.)



Our factories are ISO9001 and ISO14001 certified.

Certified ISO 9001

Certified ISO 14001



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MITSUBISHI HEAVY INDUSTRIES  
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