



MOVE THE WORLD FORW>RD

# HYPERINVER

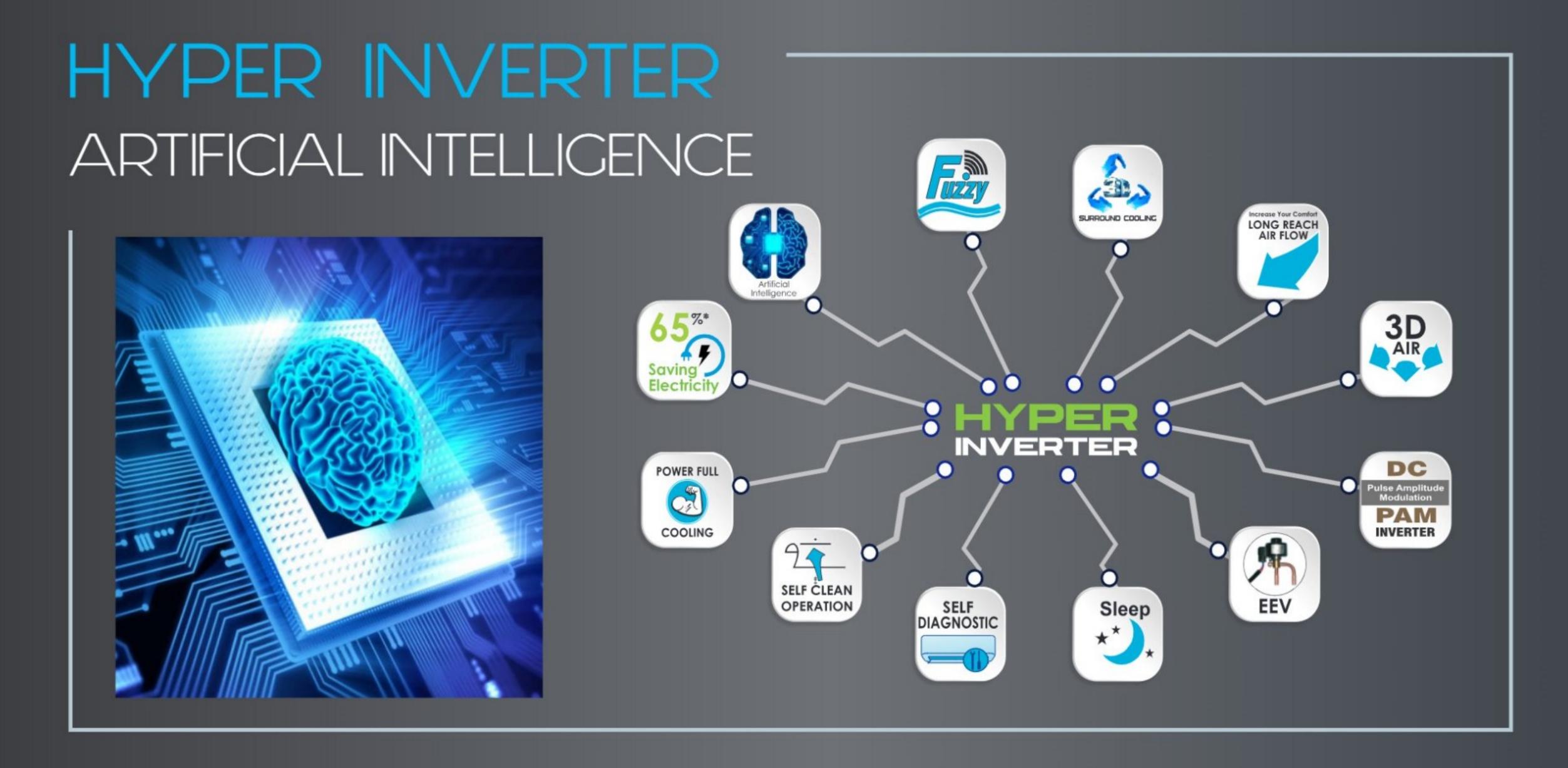
MITSUBISHI HEAVY INDUSTRIES

MITSUBISHI HEAVY INDUSTRIES

HYPER INTERTER

Ceneration
High
Performance
Airconditioning

MADE IN THAILAND



#### AREA COVERAGE TABLE - HYPER INVERTER

| MODEL       | CAPACITY (Ton)              | AREA COVERAGE         |
|-------------|-----------------------------|-----------------------|
| SRK13YYM-W6 | 1.0 ( 0.25 Ton ~ 1.1 Ton )  | Upto 13.0 sq.mtr.***  |
| SRK13YXP    | 1.0 (0.23 Ton ~ 1.05 Ton)   | Upto 13.0 sq.mtr.***  |
| SRK13YXS    | 1.1 (0.25 Ton ~ 1.25 Ton)   | Upto 15.79 sq.mtr.*** |
| SRK18YXP    | 1.5 (0.37 Ton ~ 1.5 Ton)    | Upto 17.2 sq.mtr.***  |
| SRK18YYM-W6 | 1.6 (0.37 Ton ~ 1.68 Ton)   | Upto 22.3 sq.mtr.***  |
| SRK18YXS2   | 1.65 (0.48 Ton ~ 1.96 Ton ) | Upto 26.0 sq.mtr.***  |
| SRK24YYM-W6 | 2.1 (0.37 Ton ~ 2.2 Ton)    | Upto 30.20 sq.mtr.*** |
| SRK24YVS    | 2.2 (0.65 Ton ~ 2.36 Ton)   | Upto 41.8 sq.mtr.***  |
| SRK24YYS-W6 | 2.2 (0.25 Ton ~ 2.44 Ton)   | Upto 41.8 sq.mtr.***  |
| SRK100YA-W6 | 3.0 (0.56 Ton ~ 3.12 Ton)   | Upto 55.74 sq.mtr.*** |

<sup>\*</sup> Check for design condition 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 New Inverter Vector Control 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 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

Compressor Protection With AI

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

### Feature Guide

#### Comfortable Air Flow Functions

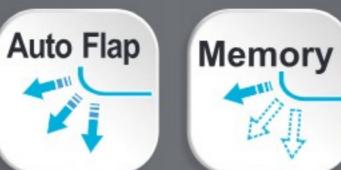




















#### Clean Air















#### Maintenance







#### Comfortable Functions









### Convenient & Economy Functions











Others













### BUTTON REFRIGERANT PIPE LENGTH

## 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

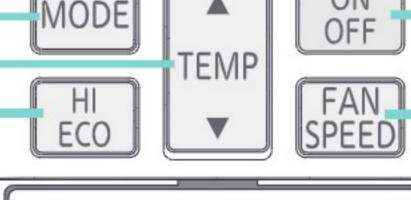
This switch selects the SELF CLEAN operation, display brightness adjustment and PRESET operation.

#### 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 WEEKLYTIMER.

#### ACL switch

This switch resets the program to default state.

#### TIME SET UP switch

This switch is used for setting the time.

# Hyper Inverter



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



SRK18YXP-W6 1.5 Ton (0.37 Ton ~ 1.51 Ton)



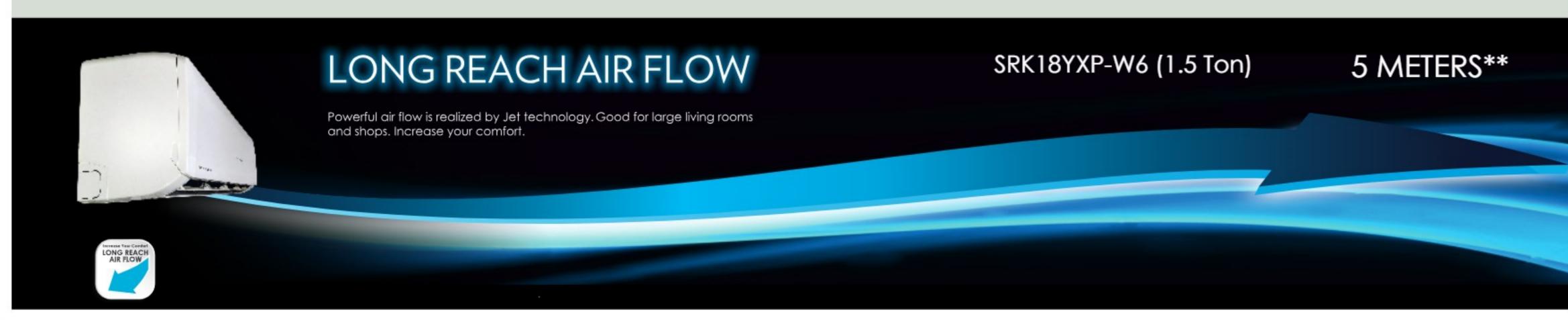








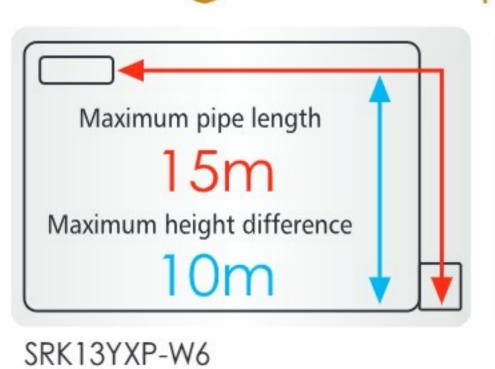


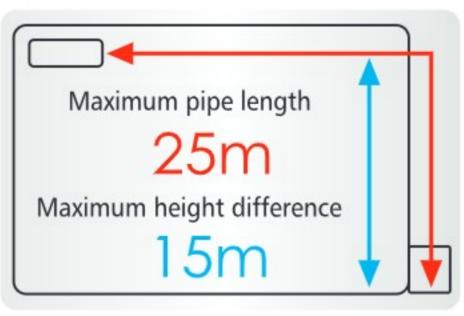




|   | ECO SMART - HYPER INVERTER (R32) - COOLING ONLY |           |  |  |
|---|---|-----------|--|--|
|   | Unit  |           | SRK13YXP-W6  | SRK18YXP-W6                            |
| MODEL                                   | Indoor Unit                                     |           | SRK13YXP-W6  | SRK18YXP-W6                            |
|   | Outdoor Unit                                    |           | SRC13YXP-W6  | SRC18YXP-W6                            |
| Ton - Cooling Only                      | (minimum ~maxim                                 | num)      | 1.0 ( 0.23 Ton ~ 1.05 Ton )                        | 1.5 ( 0.37 Ton ~ 1.51 Ton )            |
| BEE Star Rating - 2024                  |   |           | 3 Star   | 3 Star                                 |
| Compressor Type                         |   |           | Rotary   | Rotary                                 |
| VFD - Variable Frequency Drive          |   |           |  | or smooth waveform & higher efficiency |
| Minimum Compressor RPM                  |   |           |  | INTELLIGENT POWER MODULE)              |
| Refrigerant Volume Control Using        |   |           |  | ansion Valve for Variable Re           |
| Room Temperature Control                |   |           | ·  | uter Thermostat                        |
| Power Source                            |   |           | · ·  | 230 / 240 V, 50 Hz                     |
| Maximum Cooling Capacity at**           |   |           | 12624  | 18084                                  |
| Rated Cooling Capacity at               | 100% Load                                       | BTU/hr    | 12420  | 17401                                  |
| Rated Cooling Capacity at               | 50% Load  |           | 5971   | 8755                                   |
| Maximum Cooling Capacity at**           | 120% Load                                       |           | 3700   | 5300                                   |
| Rated Cooling Capacity at               | 100% Load                                       | Watts     | 3640   | 5100                                   |
| Rated Cooling Capacity at               | 50% Load  |           | 1750   | 2566                                   |
| Rated Power Consumption at              | 100% Load                                       | 11124     | 1070   | 1730                                   |
| Rated Power Consumption at              | 50% Load  | watts     | 397  | 565                                    |
| Rated EER / COP at                      | 100% Load                                       | 14//      | 3.4  | 2.9                                    |
| Rated EER / COP at                      | 50% Load  | W/w       | 4.4  | 4.5                                    |
| Rated Indian Seasonal Energy Efficiency |   | ISEER     | 4.2  | 3.99                                   |
| Current ( Minimum ~ Maximum )**         |   | Α         | 0.70 ~ 5.0   | 1.1 ~ 7.6                              |
|   | Indoor Unit                                     | mm        | 262 x 769 x 230                                    | 262 x 769 x 230                        |
| Dimension (H x W x D)                   | Outdoor Unit                                    | mm        | 540 x 645(+57) x 275                               | 540 x 780(+62) x 290                   |
|   | Indoor Unit                                     | Kgs       | 7.5  | 7.5                                    |
| Net Weight                              | Outdoor Unit                                    | Kgs       | 26.5   | 30.5                                   |
| Cooling Coil Row                        | Indoor Unit                                     | No.s      | 2  | 2                                      |
| Air Flow (CMH)                          | Indoor Unit                                     | m3/hr     | 700  | 850                                    |
| Long Reach Air Flow Upto                | Indoor Unit                                     | Meters    | 5  | 5                                      |
| Self Diagnosis Function                 | Indoor Unit                                     | 11101013  | Yes  | Yes                                    |
| Sound Level (H/M/L)                     | Indoor Unit                                     | dB        | 42 / 32 / 22                                       | 43 / 34 / 24                           |
| •                                       | Indoor Unit                                     |           | 2D ( UP & DOWN )                                   | 2D ( UP & DOWN )                       |
| Louver Swing<br>Special Filter          |   |           |  |  |
|   | Indoor Unit                                     |           | Anti Bacterial - Filter                            | Anti Bacterial - Filter                |
| Fan<br>DC Fan Matar Sanaal              | Indoor Unit                                     |           |  | cro Bial Fan                           |
| DC Fan Motor Speed                      | Indoor Unit                                     |           |  | / Med / Low                            |
| Refrigerant                             |   |           |  | R32                                    |
| Refrigerant Injection in Coil           |   |           |  | - Multi Port                           |
| Refrigerant Piping                      | Liquid Line                                     | mm        | 6.35 ( 1/4" )                                      | 6.35 ( 1/4" )                          |
| Thickness:18Gauge(1mm)                  | Gas Line  | mm        | 9.52 (3/8")  | 12.7 (1/2")                            |
| Main Power Supply to                    | Outdoor Unit                                    |           | 2.5 mm <sup>2</sup> x 3 cores (including Earthing) |  |
| Connecting wiring                       | B/w IDU & ODU                                   |           | 2.5 mm <sup>2</sup> x 4 cores                      | (including Earthing)                   |
| Area Coverage ***                       |   | Sq.Meters | 10 ~ 13.95   | 13 ~ 17.2                              |

### Refrigerant Pipe Length





SRK18YXP-W6

Remote Control





SRK13YXP-W6 SRK18YXP-W6

<sup>\*\*</sup> Under Standard Installation & Lab Test Condition

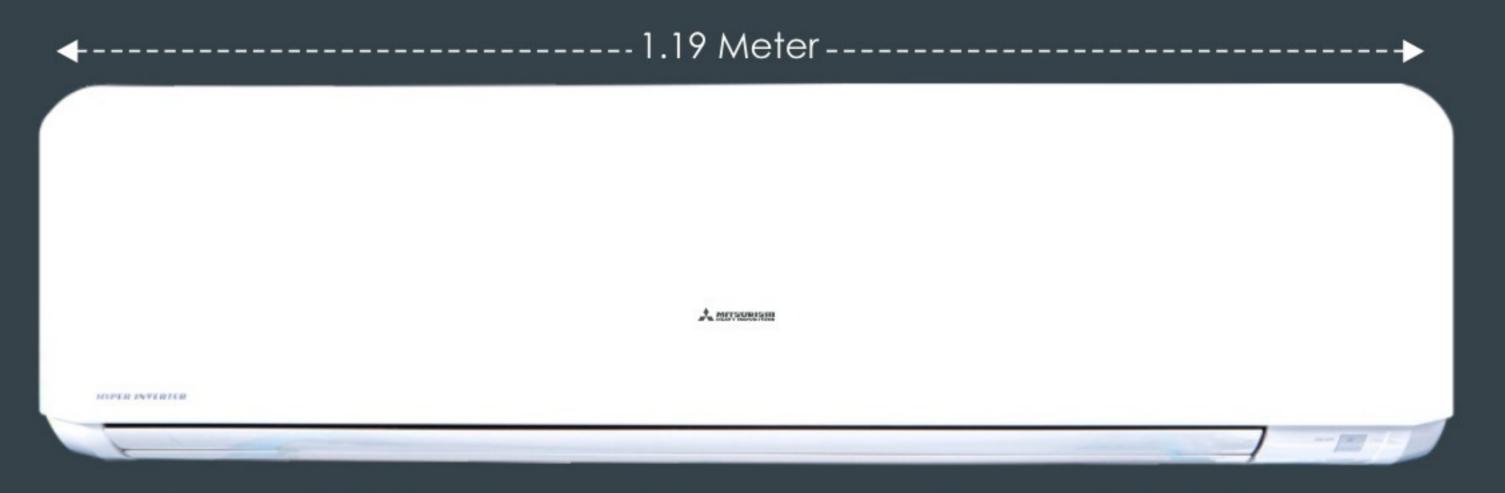
<sup>\*\*\*</sup> Customers need to seek guidance from the Authorized Dealer / Expert for the AC unit capacity selection before ordering any AC unit. Area coverage is subject to checking of the site conditions like - Terrace / Wall / Glass windows exposed to direct sunlight, of the area to be Air- conditioned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

# Hyper Inverter

# INDIA'S HIGHEST ISEER HYPER INVERTER

SRK18YXS2-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) SRK24YVS-W6 2.2 Ton (0.65 Ton ~ 2.36 Ton)



SRK13YXS-W6 1.1 Ton (0.25 Ton ~ 1.25 Ton)









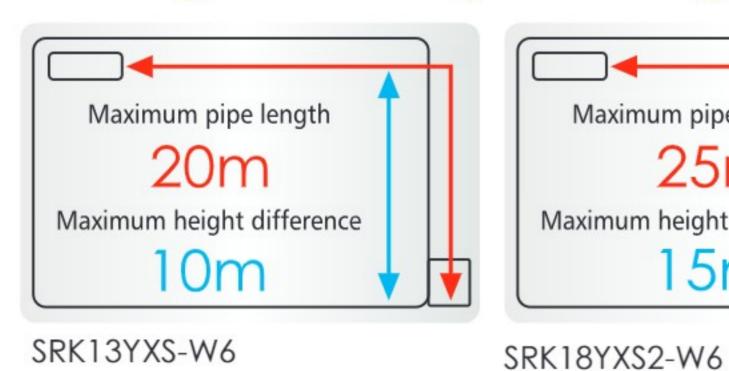


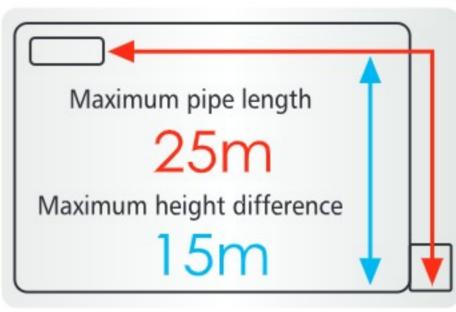


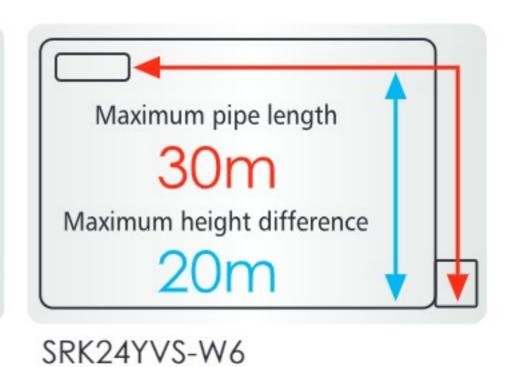


|   |  |            | ECO SMAI                                   | RT - HYPER INVERTER (R32) - COOL            | ING ONLY                  |
|---|--|------------|--|---|---------------------------|
| MODEL                                   | Unit Indoor Unit Outdoor Unit (minimum ~maximum) |            | SRK13YXS-W6                                | SRK18YXS2-W6                                | SRK24YVS-W6               |
|   |  |            | SRK13YXS-W6                                | SRK18YXS2-W6                                | SRK24YVS-W6               |
|   |  |            | SRC13YXS-W6                                | SRC18YXS2-W6                                | SRC24YVS-W6               |
| Ton - Cooling Only                      |  |            | 1.1 ( 0.25 Ton ~ 1.2 Ton )                 | 1.65 (0.48 Ton ~1.96 Ton)                   | 2.2 ( 0.65 Ton ~ 2.36 Ton |
| BEE Star Rating - 2024                  |  |            | 5 Star                                     | 5 Star                                      | 5 Star                    |
| Super Tropical Compressor Type          |  |            | Rotary                                     | Rotary                                      | Twin Rotary               |
| VFD - Variable Frequency Drive          |  |            | Inverter Vector Co                         | ntrol Technology for smooth wavefo          | rm & higher efficiency    |
| Minimum Compressor RPM                  |  |            | 7 ~  | 15 RPM - Using iPM (INTELLIGENT PO          | WER MODULE)               |
| Refrigerant Volume Control Using        |  |            | Motorized Electr                           | onic Expansion Valve for Variable           | e Refrigerant Flow        |
| Room Temperature Control                |  |            |  | Microcomputer Thermostat                    |                           |
| Power Source                            |  |            |  | 1 Phase, 220 / 230 / 240 V, 50 H            | łz                        |
| Maximum Cooling Capacity **             | 120% Load  |            | 14330                                      | 23542                                       | 28320                     |
| Rated Cooling Capacity at               | 100% Load  | BTU/hr     | 13000                                      | 19875                                       | 26272                     |
| Rated Cooling Capacity at               | 50% Load   |            | 6517                                       | 9997  | 13477                     |
| Maximum Cooling Capacity **             | 120% Load  |            | 4200                                       | 6900  | 8300                      |
| Rated Cooling Capacity at               | 100% Load  | Watts      | 3810                                       | 5825  | 7700                      |
| Rated Cooling Capacity at               | 50% Load   |            | 1910                                       | 2930  | 3950                      |
| Rated Power Consumption at              | 100% Load  | watts      | 1000                                       | 1320  | 1800                      |
| Rated Power Consumption at              | 50% Load   | walls      | 332  | 470   | 690                       |
| Rated EER                               | 100% Load  | W/w        | 3.8  | 4.4   | 4.3                       |
| Rated EER                               | 50% Load   | VV/VV      | 5.8  | 6.2   | 5.7                       |
| Rated Indian Seasonal Energy Efficiency |  | ISEER      | 5.1  | 5.70  | 5.41                      |
| Current (minimum ~maximum)**            |  | Α          | 0.70 ~ 4.8                                 | 1.1 ~ 6.5                                   | 1.5 ~ 8.5                 |
| D'                                      | Indoor Unit                                      | mm         | 290 x 870 x 230                            | 339 x 1197 x 262                            | 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        | 10.0                                       | 16  | 15.5                      |
|   | Outdoor Unit                                     | Kgs        | 27   | 30.5  | 58                        |
| Cooling Coil Row                        | Indoor Unit                                      | No.s       | 2  | 3   | 3                         |
| Air Flow                                | Indoor Unit                                      | СМН        | 850  | 1530  | 1450                      |
| Long Reach Air Flow Upto                | Indoor Unit                                      | Meters     | 5.18                                       | 17  | 18.28                     |
| Self Diagnosis Function                 | Indoor Unit                                      |            | Yes  | Yes   | Yes                       |
| Sound Level (H/M/L/ULo)                 | Indoor Unit                                      | dB         | 41 / 35 / 29 / 19(Ulo)                     | 46 / 39 / 31 / Ulo:23                       | 43 / 40 / 36 / 24 (U-low) |
| Louver Swing                            | Indoor Unit                                      |            | 3D + 3D AUTO Controlled By Micro Processor |   | essor                     |
| Special Filter                          | Indoor Unit                                      |            |  | ar (Deodorising Filter) + Anti Bac          |                           |
| Blower Fan                              | Indoor Unit                                      |            |  | Anti - Micro Bial Fan                       |                           |
| DC Fan Motor Speed                      | Indoor Unit                                      |            | Auto / F                                   | Hi / High / Med / Low / Ulo (Sil            | ent Model                 |
| Refrigerant                             | III GOOI OI III                                  |            | R32  |   |                           |
|   | Liquid Lipa                                      | mm         |  | R32   | R32                       |
| 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")                                 | 15.88 ( 5/8" )            |
| Main Power Supply to                    | Outdoor Unit                                     |            | 2.5  | mm <sup>2</sup> x 3 cores (with Earthing Ca | ble)                      |
| Connecting wiring                       | B/w IDU & ODU                                    |            | 2.5  | mm <sup>2</sup> x 4 cores (with Earthing Ca | ble)                      |
| Area Coverage ***                       |  | Sq. Meters | 12 ~ 15.79                                 | 18.58 ~ 26.0                                | 27.8 ~ 41.8               |

### Refrigerant Pipe Length







Remote Control





SRK13YXS-W6 / SRK18YXS2-W6 / SRK24YVS-W6

<sup>\*\*</sup> Under Standard Installation & Lab Test Condition

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

### Hyper Inverter With Clean AIR Cooling Only







18YYM-W61.6 (0.37 Ton ~ 1.68 Ton)24YYM-W62.1 (0.37 Ton ~ 2.2 Ton)

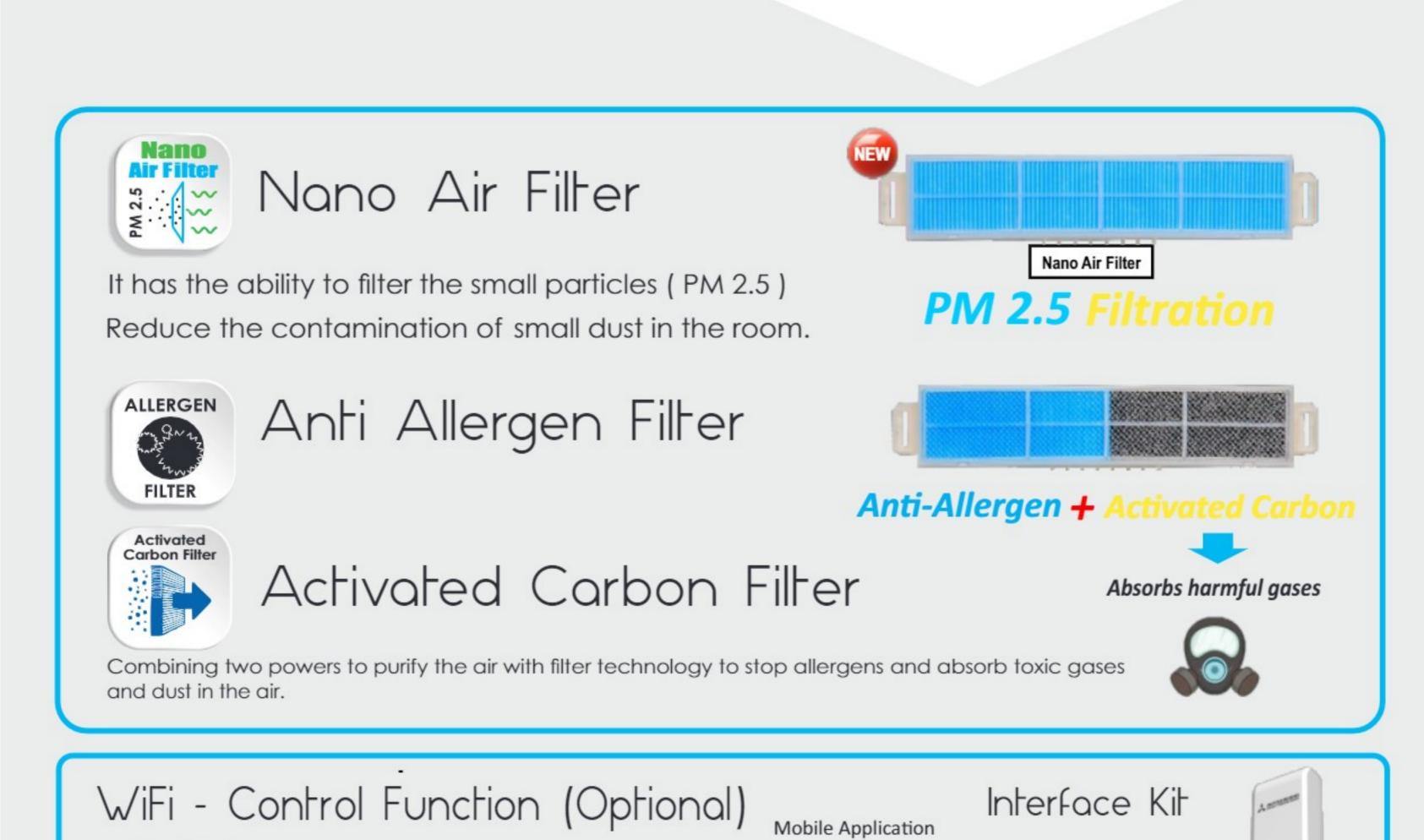




and AppStore for iPhone.

SPK 13YYM-W6 1.0 (0.25 Ton ~ 1.1 Ton)





include wireless LAN the function could be used by

M-Air











System configuration

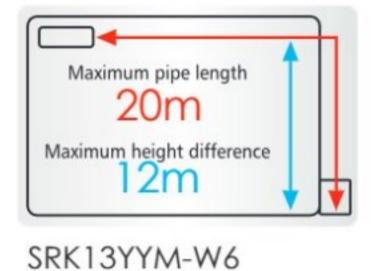
\*SC-BR0N2-E cannot be used simultaneously for system configuration.

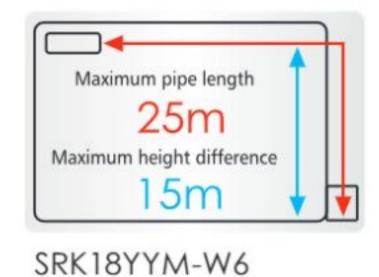
Wi-Fi



| SPECIFICATIONS                                |                     |           | ECO SMART - HYPER INVERTER ( R32 ) - COOLING ONLY                          |                            |                         |  |
|---|---------------------|-----------|--|----------------------------|-------------------------|--|
|   | Unit                |           | SRK13YYM-W6  | SRK18YYM-W6                | SRK24YYM-W6             |  |
| MODEL   | Indoor Unit         |           | SRK13YYM-W6  | SRK18YYM-W6                | SRK24YYM-W6             |  |
|   | Outdoor Unit        |           | SRC13YYM-W6  | SRC18YYM-W6                | SRC24YYM-W6             |  |
| fon - Cooling Only                            | (minimum ~ maximum) |           | 1.0 ( 0.25 Ton ~ 1.1 Ton )   | 1.6 ( 0.37 Ton ~ 1.68Ton ) | 2.1 ( 0.37 Ton ~ 2.2Ton |  |
| BEE STAR RATING - 2024                        |                     |           | 3 Star   | 4 Star                     | 4 Star                  |  |
| Super Tropical Compressor Type                |                     |           | Rotary   | Rotary                     | Twin Rotary             |  |
| VFD - Variable Frequency Drive                |                     |           | Inverter Vector Control Technology for smooth waveform & higher efficiency |                            |                         |  |
| Minimum Compressor RPM                        |                     |           | 7 ~ 15 RPM - Using iPM (INTELLIGENT POWER MODULE)                          |                            |                         |  |
| Refrigerant Volume Control Using              |                     |           | Motorized Electronic Expansion Valve for Variable Refrigerant Flow         |                            |                         |  |
| Room Temperature Control                      |                     |           | Microcomputer Thermostat   |                            |                         |  |
| Power Source                                  |                     |           | 1 Phase, 220 / 230 / 240 V, 50 Hz  |                            |                         |  |
| Maximum Cooling Capacity **                   |                     |           | 12625  | 20131                      | 25931                   |  |
| Rated Cooling Capacity (100% Loc              | ad)                 | BTU/hr    | 12027  | 19001                      | 25436                   |  |
| Rated Cooling Capacity (50% Load              |                     | ,         | 5787   | 8800                       | 11567                   |  |
| Maximum Cooling Capacity **                   |                     |           | 3700   | 5900                       | 7600                    |  |
| Rated Cooling Capacity ( 100% Loc             | ad)                 | Watts     | 3525   | 5569                       | 7455                    |  |
| Rated Cooling Capacity ( 50% Load )           |                     |           | 1696   | 2579                       | 3390                    |  |
| Rated Power Consumption (100% Full Load)      |                     | watts     | 1180   | 1602                       | 2280                    |  |
| Rated Power Consumption (50% Half Load)       |                     | walls     | 316  | 459                        | 612                     |  |
| Rated EER (100% Load)                         |                     | W/w       | 3.0  | 3.5                        | 3.3                     |  |
| Rated EER (50% Load)                          |                     |           | 5.4  | 5.6                        | 5.5                     |  |
| Rated Indian Seasonal Energy Efficiency Ratio |                     | ISEER     | 4.39   | 4.84                       | 4.67                    |  |
| Current ( minimum ~ maximum ) **              |                     | Α         | 0.50 ~ 5.5   | 0.70 ~ 7.5                 | 1 ~ 10.5                |  |
| Dimension (H x W x D)                         | Indoor Unit         | mm        | 294 x 798 x 210  | 294 x 998 x 230            | 294 x 998 x 230         |  |
|   | Outdoor Unit        | mm        | 540 x 645(+57) x 275   | 540 x 780(+62) x 290       | 640 x 800(+71) x 290    |  |
| Weight  | Indoor Unit         | Kgs       | 9.5  | 11.5                       | 11.5                    |  |
| weigin  | Outdoor Unit        | Kgs       | 23.5   | 31.0                       | 38.5                    |  |
| Cooling Coil Row                              | Indoor Unit         | No.s      | 2  | 2                          | 2                       |  |
| Air Flow                                      | Indoor Unit         | СМН       | 760  | 1100                       | 1300                    |  |
| ong Reach Airflow Upto                        | Indoor Unit         | Meters    | 4  | 12                         | 15.25                   |  |
| Self Diagnosis Function                       | Indoor Unit         |           | Yes  | Yes                        | Yes                     |  |
| Sound Level (H/M/L/ULo)                       | Indoor Unit         | dB        | 41 / 33 / 26 / Ulo 20  | 43 / 35 / 27 / Ulo 21      | 48 / 39 / 30 / Ulo 21   |  |
| ouver Swing                                   | Indoor Unit         |           | 3D + 3D AUTO Controlled by Micro Processor                                 |                            | rocessor                |  |
| Special Filter                                | Indoor Unit         |           | Nano Filter + (Anti Allergen Filter + Activated Carbon ) Filter            |                            | ed Carbon ) Filter      |  |
| Blower Fan                                    | Indoor Unit         |           | Anti - Micro Biol Fan  |                            |                         |  |
| DC Fan Motor Speed                            | Indoor Unit         |           | Auto / Powerful / High / Medium / Low / Ulo                                |                            |                         |  |
| Refrigerant                                   |                     |           | R32  | R32                        | R32                     |  |
| Refrigerant Piping Thickness: 18Gauge         | Liquid Line         | mm        | 6.35 (1/4")  | 6.35 (1/4")                | 6.35 (1/4")             |  |
| 1mm)  | Gas Line            | mm        | 9.52 (3/8")  | 12.7 (1/2")                | 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***                              | 000                 | Sq.Meters | 10 ~ 15.8  | 17 ~ 22.3                  | 26 ~ 30.20              |  |

#### Refrigerant Pipe Length















SRC18YYM





Maximum pipe length

30m

Maximum height difference

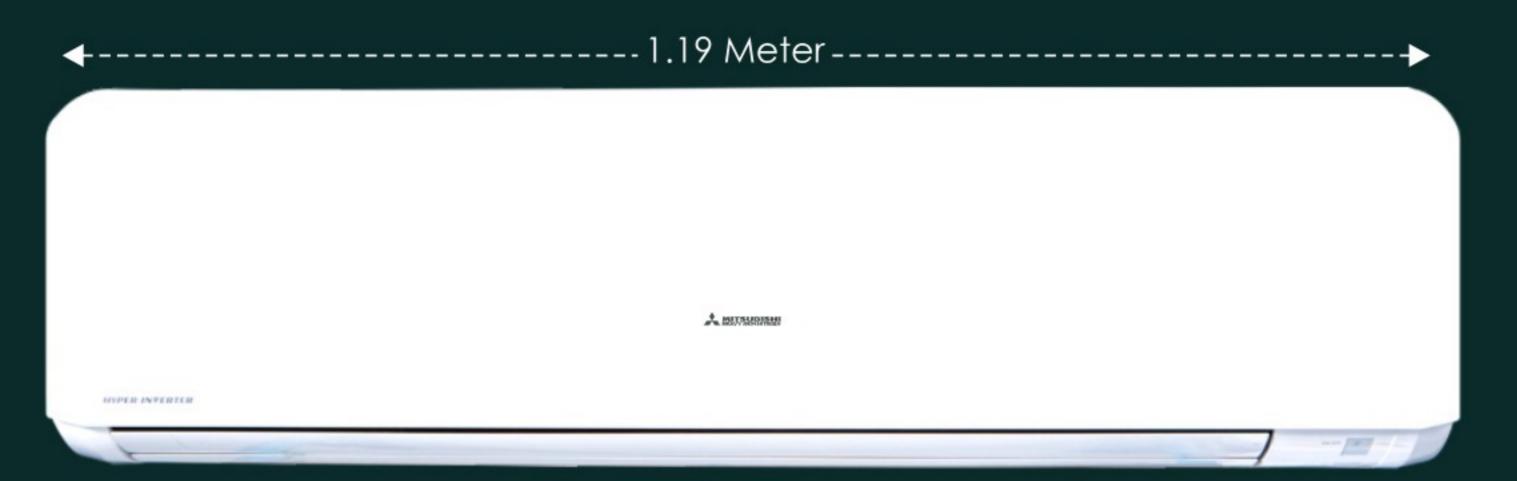
20m

<sup>\*\*</sup> Under Standard Installation & Lab Test Condition

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

### Hyper Inverter With Clean AIR Cooling Only



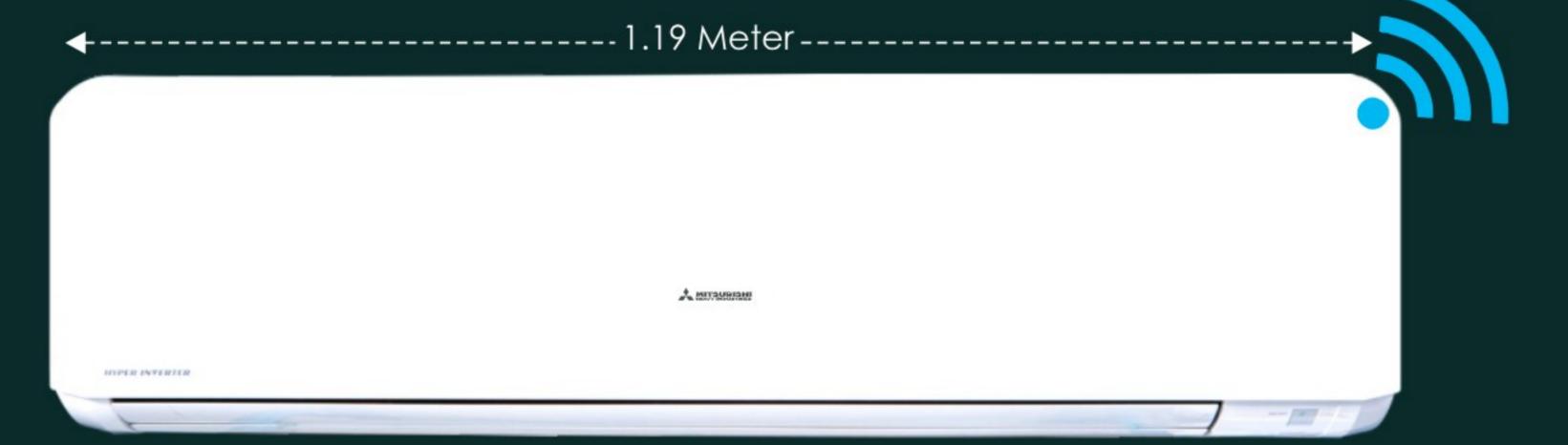


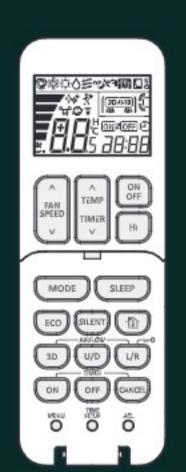


100YA-W63.0 (0.56 Ton ~ 3.12 Ton)













#### SURROUND COOLING



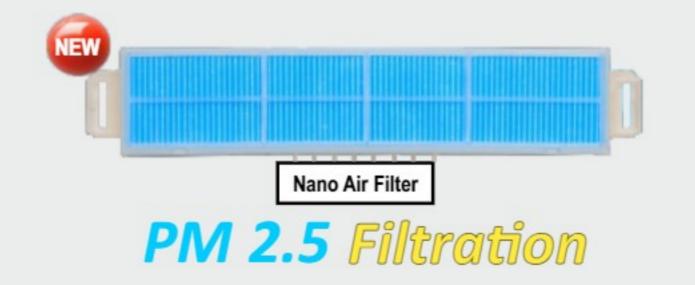
### Nano Air Filter

It has the ability to filter the small particles (PM 2.5) Reduce the contamination of small dust in the room.



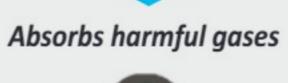
Anti Allergen Filter







Anti-Allergen + Activated Carbon









Activated Carbon Filter



Combining two powers to purify the air with filter technology to stop allergens and absorb toxic gases and dust in the air.



| SPECIFICATIONS   |                  |           | ECO SMART - HYPER INVERTER ( R32 ) - COOLING ONLY                  | ECO SMART - HYPER INVERTER ( R32 ) - COOLING ONLY   |  |
|--|------------------|-----------|--|---|--|
|  | Unit             |           | SRK24YYS-W6 ( WIFI MODEL )   | SRK100YA-W6   |  |
| MODEL  | Indoor Unit      |           | SRK24YYS-W6  | SRK100YA-W6   |  |
|  | Outdoor Unit     |           | SRC24YYS-W6  | FDC100YNA-W6  |  |
| Ton - Cooling Only   | (minimum ~ m     | aximum)   | 2.2 ( 0.25Ton ~ 2.44Ton )  | 3.0 ( 0.56Ton ~ 3.12Ton )   |  |
| BEE STAR RATING - 2024   | 1,               |           | 5 Star   | 4 Star  |  |
| Super Tropical Compressor Type                                   |                  |           | Twin Rotary  | Twin Rotary   |  |
| VFD - Variable Frequency Drive                                   |                  |           |  | smooth waveform & higher efficiency   |  |
| Minimum Compressor RPM   |                  | 1         | 7 ~ 15 RPM - Using iPM (INTELLIGENT POWER MODULE)                  |   |  |
| Refrigerant Volume Control Using                                 |                  |           | Motorized Electronic Expansion Valve for Variable Refrigerant Flow |   |  |
| Room Temperature Control   |                  |           |  |   |  |
|  |                  |           | Microcomputer Thermostat  1 Phase, 220 / 230 / 240 V, 50 Hz        |   |  |
| Power Source   | -1.1             |           |  |   |  |
| Maximum Cooling Capacity ** (120% Load)                          | a)               | PTII/br   | 29343  | 37532   |  |
| Rated Cooling Capacity ( 100% Load )                             |                  | BTU/hr    | 25931<br>12744   | 35533<br>18425  |  |
| Rated Cooling Capacity ( 50% Load )  Maximum Cooling Capacity ** |                  |           | 8600   | 11000   |  |
| Rated Cooling Capacity (100% Load)                               |                  | Watts     | 7600   | 10414   |  |
| Rated Cooling Capacity (50% Load)                                |                  |           | 3735   | 5400  |  |
| Rated Power Consumption (100% Full Load                          | d)               | watta     | 1850   | 2900  |  |
| Rated Power Consumption ( 50% Half Load                          | d)               | watts     | 592  | 1000  |  |
| Rated EER (100% Load)  |                  | W/w       | 4.1  | 3.6   |  |
| Rated EER (50% Load)   |                  | **/**     | 6.3  | 5.4   |  |
| Rated Indian Seasonal Energy Efficiency R                        | atio             | ISEER     | 5.55   | 4.85  |  |
| Current ( minimum ~ maximum ) **                                 | T                | Α         | 0.83 ~ 8.3   | 1.0 ~ 13.2  |  |
| Dimension (H x W x D)  | Indoor Unit      | mm        | 339 x 1197 x 262   | 339 x 1197 x 262  |  |
|  | Outdoor Unit     | mm        | 750 x 880 (+88) x 340  | 750 x 880 (+88) x 340   |  |
| Weight   | Indoor Unit      | Kgs       | 16.5   | 16.5  |  |
| weight   | Outdoor Unit     | Kgs       | 50.5   | 51.0  |  |
| Cooling Coil Row   | Indoor Unit      | No.s      | 3  | 3   |  |
| Air Flow   | Indoor Unit      | СМН       | 1368   | 1600  |  |
| Long Reach Airflow Upto  | Indoor Unit      | Meters    | 17   | 20  |  |
| Self Diagnosis Function  | Indoor Unit      |           | Yes  | Yes   |  |
| Sound Level (H/M/L/ULo)  | Indoor Unit      | dB        | 46 / 42 / 37 / Ulo 23  | 47 / 43 / 38 / Ulo 27   |  |
| Louver Swing   | Indoor Unit      |           | 3D + 3D AUTO Controlled by Micro Processor                         | 3D + 3D AUTO Controlled by Micro Processor  |  |
| Special Filter   | Indoor Unit      |           | Nano PM 2.5 / Anti Allergen + Activated Carbon Filters             | Enzyme + Sun ( Photocatalytic washable Deodorizing)+Anti Bacterial I                                |  |
|  |                  |           | Anti - Micro Biol Fan  | Anti - Micro Biol Fan   |  |
| Blower Fan   | Indoor Unit      |           |  |   |  |
| DC Fan Motor Speed   | Indoor Unit      |           | Auto / Powerful / High / Medium / Low / Ulo                        | Auto / Powerful / High / Medium / Low / Ulo   |  |
| Refrigerant  |                  |           | R32  | R32   |  |
| Refrigerant Piping Thickness:                                    | Liquid Line      | mm        | 6.35 (1/4")  | Indoor Unit = 9.52 (3/8") / Pipe = 6.35 (1/4") /<br>Outdoor Unit = 6.35 (1/4") / (Reducer Provided) |  |
| 18Gauge (1mm)  | Gas Line         | mm        | 15.88 ( 5/8" )   | 15.88 ( 5/8" )  |  |
| Main Power Supply to   | Outdoor Unit     |           | 2.5 mm2 x 3 cores (with Earthing Cable)                            | 4.0 mm2 x 3 cores (with Earthing Cable)   |  |
| Connecting wiring  | B/w IOU &<br>ODU |           | 2.5 mm2 x 4 cores (with Earthing Cable)                            | 2.5 mm2 x 4 cores (with Earthing Cable)   |  |
| Area Coverage***   |                  | Sq.Meters | 27.8 ~ 41.8  | 41.80 ~ 55.74   |  |





Maximum height difference

20m

SRK100YA-W6

Maximum height difference

20m

SRK24YYS-W6

SRC24YYS-W6

<sup>\*\*</sup> Under Standard Installation & Lab Test Condition

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



Our Motto
"Customer Satisfaction Index No.-1"



🙏 Assam

🙏 Meghalaya

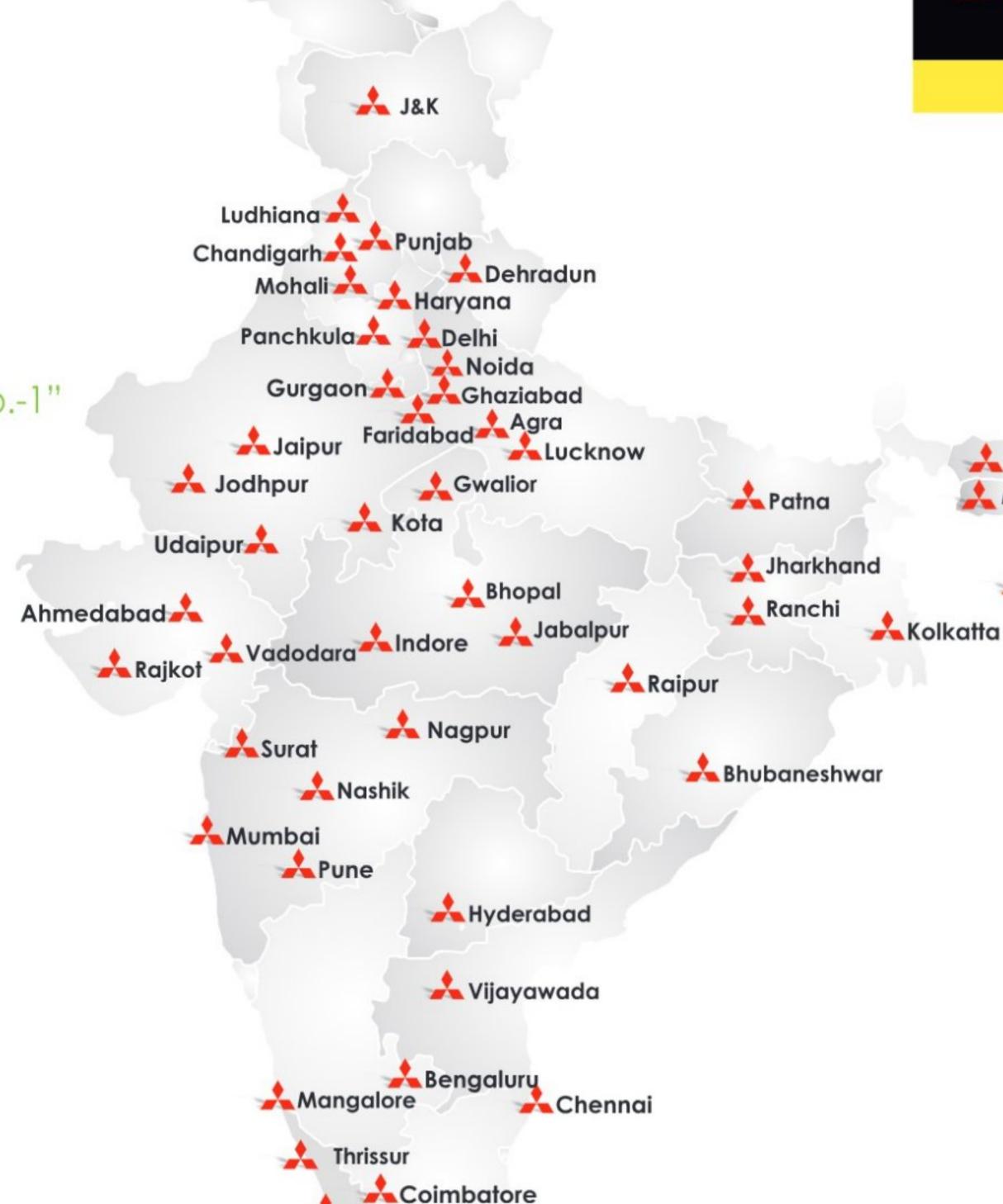
Tripura

TOWARDS

TOGETHER

A BETTER

**FUTURE** 



#### **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.

**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 specification without notice.

In case of any adverse area to be conditioned, if it is not verified by the company/dealer engineer and selection of the AC unit is made by the customer based on the specifications without taking any prior advice, then company will not be responsible for any variance in the performance of the AC unit installed.

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

Sales, Service & Marketing Headquarter (India)



IAPL House, 2/8, West Patel Nagar Near Patel Nagar Metro Station- New Delhi- 110008 (INDIA) Tel.: 011-47230000-99, Toll Free No.: 1800 102 0055 Email: info@iaplgroup.com, Website: www.iaplgroup.com

AGRA: 7290094940/8006003003, AHMEDABAD: 9978991675, , ASSAM: 8420768025, BANGALORE: 9849102323, BIHAR: 8588864471, BHOPAL: 9630098716, BHUBANESWAR: 8697706531, CHENNAI: 8939991872, COCHIN: 9946446067, COIMBATORE: 9811889006, DEHRADUN: 8826899163, DELHI & NCR: 8826392381, DELHI: 8826392374, GHAZIABAD: 8826899163, GWALIOR: 9630098716, HARYANA: 7290094933 / 8929602345, HYDRABAD: 9849102323, INDORE: 9630033341, J & K: 9915009212 / 9599656801, JABALPUR: 9630098716, JAIPUR: 8588830502/9711939345, JHARKHAND: 6290824780, JODHPUR: 9636992277, KOLKATA: 8697744670, LUCKNOW: 8929602483, LUDHIANA: 8283843670 / 9599656893, MUMBAI: 887959905, MEGHALAYA: 8420768025, NAGPUR: 9657004567, NASIK: 7291972089, NOIDA: 8826899163, PATNA: 8588864471, PUNE: 7291972089, PUNJAB: 9915009212 / 9599656801, RAIPUR: 9821197915, RAJKOT: 9727731456, SURAT: 9979025320, THRISSUR: 9946446067, TRICHY: 9811889006, TRIPURA: 8420768025, UDAIPUR: 9636992211, VADODARA: 9978991675, VIJAYAWADA: 9550488000.



#### MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.

















