MITSUBISHI HEAVY INDUSTRIES
AIR CONDITIONERS
HEAVY DUTY

MOVE THE WORLD FORWARD MITSUBISHI HEAVY INDUSTRIES GROUP

POWERFUL COOLING

PERFECTED FOR QUIETEST LIVING*

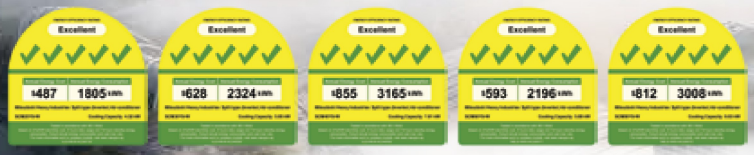


JET FLOW

AIR-CONDITIONER

FEATURING

3D AUTO TECHNOLOGY



*19dB for both 9,000 and 12,000 BTU indoor unit capacity.

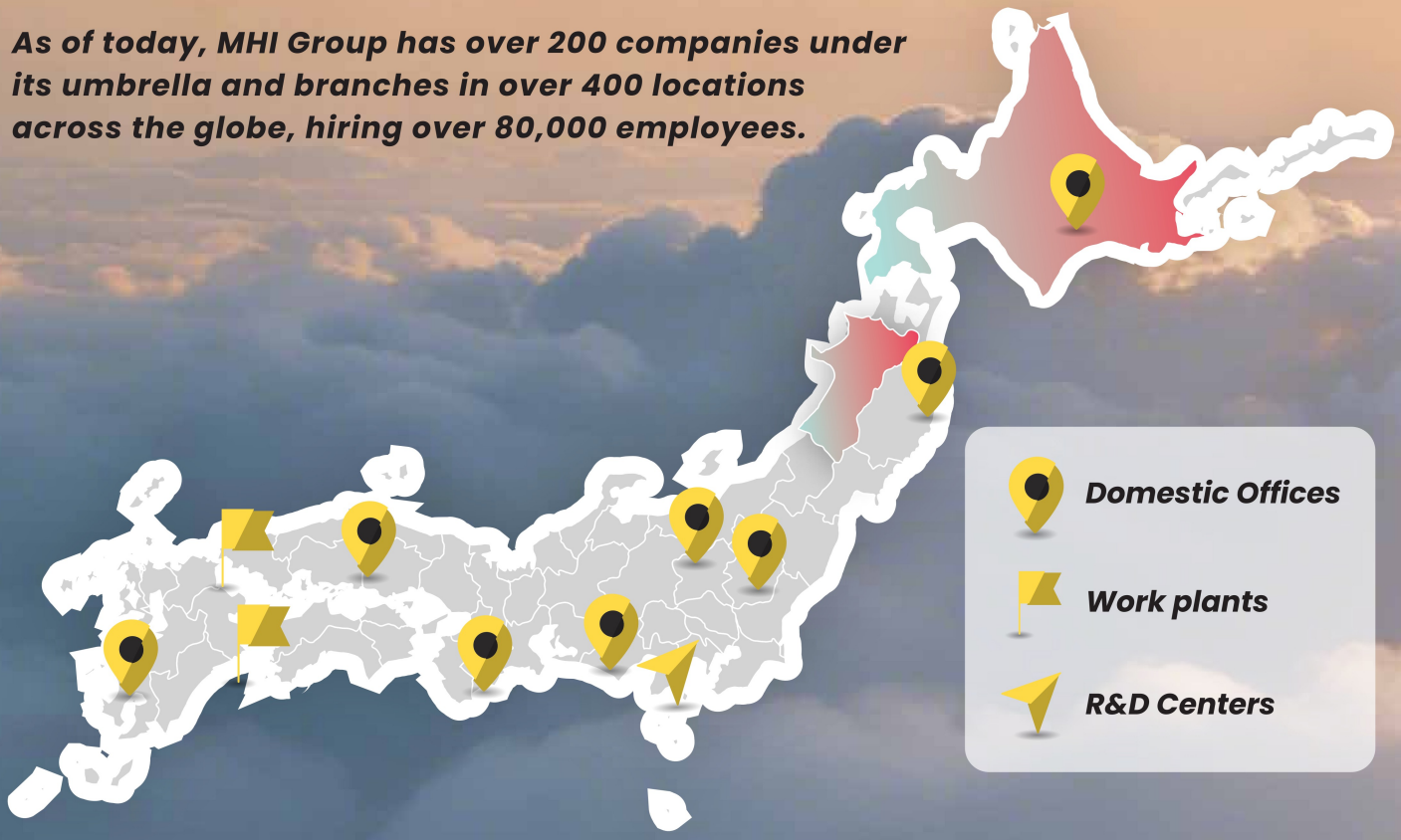
MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONERS

HEAVY DUTY

OVER 140 YEARS OF HISTORY

MHI still maintains 8 domestic offices, 12 works & plants (production bases) and research & innovation centers across Japan!

As of today, MHI Group has over 200 companies under its umbrella and branches in over 400 locations across the globe, hiring over 80,000 employees.



ABOUT MITSUBISHI HEAVY INDUSTRIES GROUP

Mitsubishi Heavy Industries Group was established in 1884. Throughout the years, MHI Group has maintained the top position in the family of companies. MHI Group is a manufacturing gaint and has a diversified and expansive portfolio, covering sectors from the land and sea to sky and space











ENGINEERNG SINGAPORE'S FUTURE

From Homes to National Infrastructure

Mitsubishi Heavy Industries is a trusted engineering partner behind some of Singapore's most important infrastructure projects. This same engineering excellence is built into every MHI air-conditioning system used in homes and business across Singapore.



District Cooling

• Marina Bay District Cooling System
High-capacity centrifugal chillers serving over 20 commercial buildings in Singapore's central business district.

Transportation Systems

• Changi Airport Automated People Mover (APM)

• Sengkang & Punggol LRT Systems
Advanced automated transport solutions supporting millions of passengers daily.





Environmental Infrastructure

• Tuas Waste-to Energy Facility
Large-scale waste processing and power generation systems.

Energy & Sustainability

• Hydrogen-ready power plants in Jurong Island

• Cogeneration facilities supporting Singapore's clean energy transition.



P . O . V

RELIABLE ENGINEERING



Mitsubishi Heavy Industries only uses 100% pure copper pipes & evaporator coils.



Nano-Silver ION Anti Bacterial Fan lowers likelihood of mould growth by more than 85%

R

EVERYWHERE CONTROL



Enjoy total convenience, control your air conditioner anytime, anywhere via WiFi or simple voice commands.

E



WHISPER-
PERFOMAN

*With the quietest 19dB in
(19dB on 10,000 BTU) and
ensuring peaceful comfo*

V . E . R

P

O

W

QUIET
NCE

door sound levels on our 13,000 BTU unit
an ultra quiet 50dB outdoor unit
rt.

PRECISION AIRFLOW



Multi motors make 3 independant controls

3D AUTO enables one-touch operation with multiple motors controlling three independent airflow directions. It distributes uniform, quiet air to every corner of the room, ensuring efficient operation while minimising energy loss.

Horizontal Swings in 8 directions



OUTSTANDING COOLING OUTPUT



With our remarkable Jet Flow Technology, it allows long reaching airflow of up to 18m while using minimum power consumption.

**for 24,000 BTU indoor units only.*

P.U.R.E SHIELD FILTRATION



P.U.R.E highlights the unique characteristics of our aircon filter.

P - Purifies Fine Particles
U - Ultra Allergen Detection
R - Removes Odours
E - Enduring & Washables



The 24-hour ION generates negative ions without stopping even when the air conditioner is turned off.

Powered by negative ion technology to eliminate bacteria and viruses for total air sterilization and disinfection.

THREE SPECIALIZED FILTERS

ALLERGEN CLEAR FILTER



Detects various household allergens

Allergen Clear Filter helps you steer clear of various household allergens, including pollen, dust mites, pet hair and dander. By utilizing enzyme-urea compound, it detects not only allergens, but also many kinds of mold, bacteria and viruses.

NANO AIR FILTER

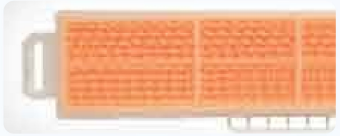


Captures 99% of PM 2.5

Being a health threat to humans, PM 2.5 is a major cause of asthma andrespiratory diseases. However, much of the risk can be avoided by our nano air filter with it capability to remove 99% of pollutants as microscopically small as PM 2.5.

PHOTOCATALYTIC WASHABLE DEODORIZING FILTER

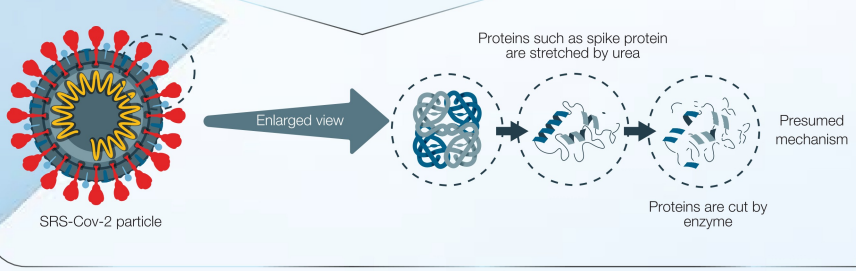
**Exclusively for YYS2 Models only.*



Trap away unpleasant odors

This filter keeps air fresh by neutralizing odor-causing molecules. Thanks to its repeated use, you can wash the filter with water and let it dry in the sun to regain its maximum deodoriizing power.

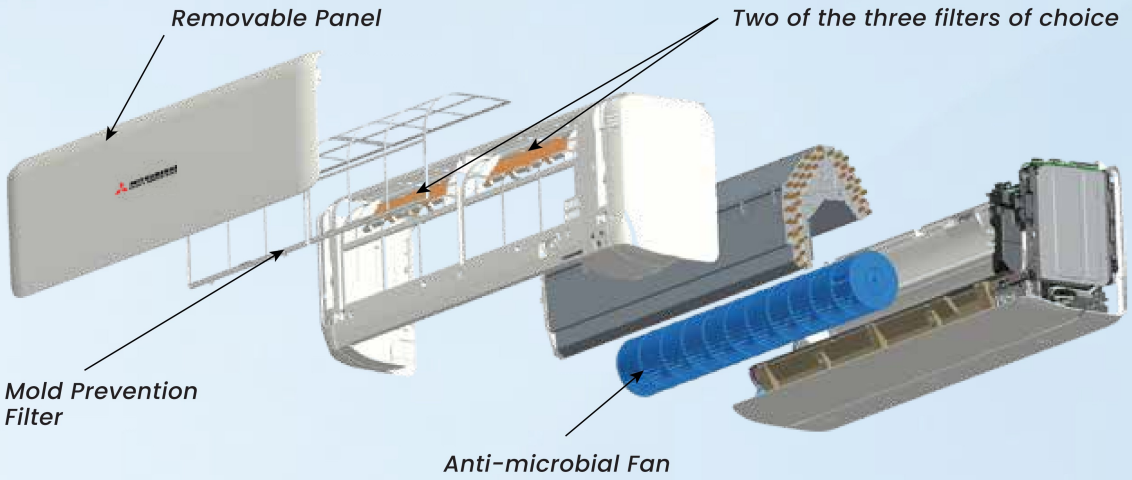
99.998% of SARS-CoV-2 inactivated by MHI's enzyme-urea technology



BUILT TO STAY CLEAN, DESIGNED TO PROCTECT

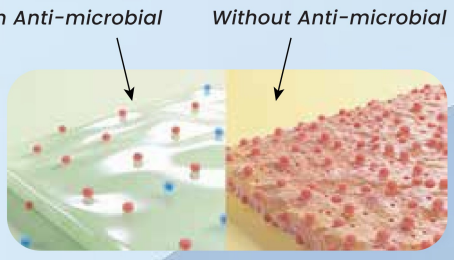
Always keeping the indoor unit clean

The fan has undergone anti-microbial treatment to resist mold and germs, making the system clean and safe. This prevents foul odours, molds etc. Even when the air conditioning system is not in operation. (Compatible with all wall mounted type units)



Our Auto Dry Self-Clean Technology automatically activates a 2-hour intelligent drying cycle after normal operation stops. During this process: .





Comparison of growth of bacterial and mold on fan surfaces

HDB FIT



All outdoor units are designed with Singapore users in mind. Their compact design allows easy installation through narrow windows or limited spaces, such as the HDB service yard.



FREEDOM TO CONTROL ANYWHERE.

Cool your home before you're back and switch it off from anywhere.

Our intelligent air conditioner detects the number of occupants in the room and automatically adjusts the temperature to maintain optimal comfort, ensuring everyone stays perfectly cool without any manual adjustments.

Scan the QR code for a step-by-step guide on setting up the WiFi connection.

M-Air

You can control the air conditioner at home or on the go by installing Smart M-Air app on your smartphone or tablet.

Search for "Smart M-Air" from the GooglePlay™ store for Andriod and Appstore™ for iPhone

GET IT ON Google Play

Download on the App Store

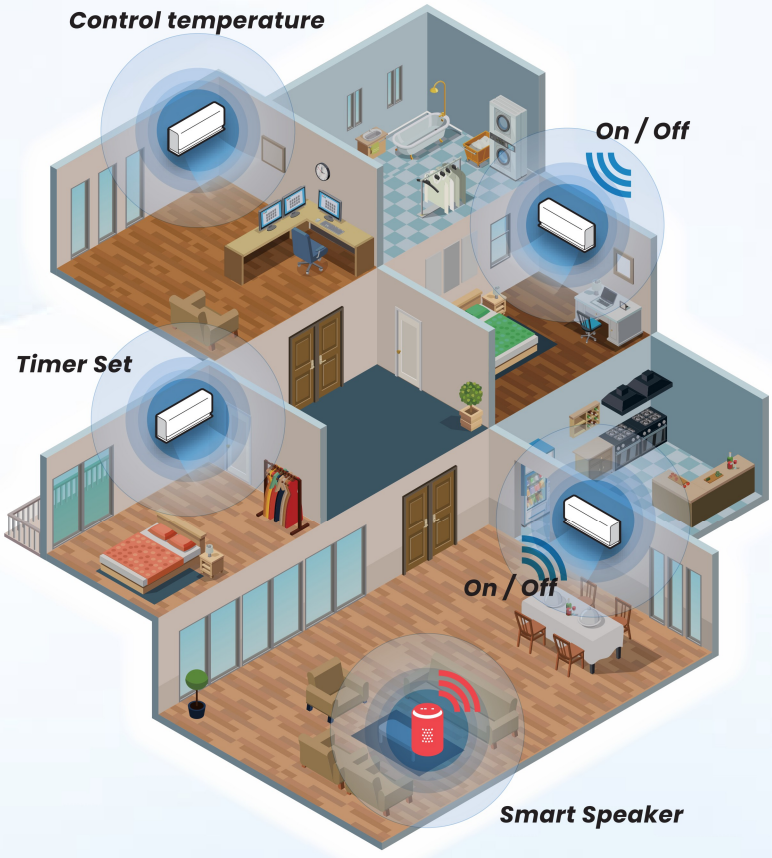
Enjoy wireless control of these functions directly through the app.

Functions

1. Turn ON / OFF
2. Changing Operation Mode
3. Control Temperature
4. Set Timers
5. Favourite Setting

Notification Functions

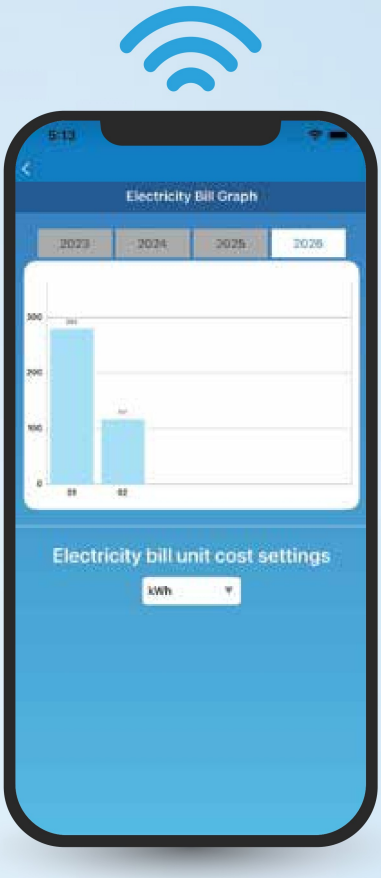
1. Shut-Off reminder alert
2. High / Low temperature alert
3. Watching Function
4. Notification if unit is accidentally left running





Vacant Property Mode

Temperature can be set as follows: Cooling 31˚C to 33˚C (Interval 1˚C)



Electric Bill Graph

Displays an electricity bill by month on a graph. Users can also set the electricity unit cost.



Weekly Timer

Timers can be set for different days of the week. They can also be set from the calendar.

SAY IT, COOL IT.

OK Alexa,
Turn on the
"LIVING ROOM"

OK Google,
Turn down the temperature in the "LIVING ROOM"

OK Siri,
Turn off the
"LIVING ROOM"

Functions of Voice Commands

1. Air Conditioner ON/OFF
2. Changing Operating Mode
3. Change Set Temperature
4. Checking Operation Condition
5. Synchroize Air Condition etc

Works with:

Works with Amazon Alexa

Works with Siri

Works with Google Assistant

Examples of Voice Commands

Air Conditioner Operation	Voice Command
Start Operation (Stop)	OK Siri, turn on the "LIVING ROOM" (turn off)
Turn on Cooling (Turn on heating)	OK Google, set the "LIVING ROOM" to cool (to heat)
Set temperature to 24 degtee Celsius	OK Alexa, turn the "LIVING ROOM" to 24 degree
Synchronize added air conditioners	OK Google, sync device

INVERTER MULTI SPLIT

R32 NEW!

ROCKET SERIES



SRK10YYS2-W8, SRK13YYS2-W8, SRK18YYS2-W8



SCM25YS-W



SRK24YYS2-W8



SCM30YS-W



SCM40YS-W

FUNCTIONS

3D Auto

3D Auto, Memory, UP/DOWN, Lateral Swing

SMARTS

Fuzzy

Energy Saving

Economy, Eco, Auto OFF

Comfort & Convenience

HI POWER, Silent, DRY, Wireless Control System

Clean Operation & Filter

PM 2.5, Self Clean Operation, SUN Filter, Allergen Filter

Others

Auto Restart, Self Diagnostic, MC, BACK-UP SWITCH

SPECIFICATIONS (Indoor Unit)

MODEL			SRK10YYS2-W8	SRK13YYS2-W8	SRK18YYS2-W8	SRK24YYS2-W8
Cooling Capacity		kW	2.5	3.5	5.0	7.1
Sound Pressure Level (Hi/Me/Lo/ULo)		dB(A)	HI: 45 M:31 L:22 ULo:19	HI:47 M:35 L:30 ULo:19	HI:48 M:40 L:33 ULo:23	HI:46 M:42 L:37 ULo:23
Airflow rate (Hi/Me/Lo/ULo)		m/min	HI:12.9 M:8.4 L:5.3 ULo: 4.3	HI:14.1 M9.9 L:8.0 ULo:4.3	HI:14.8 M:11.5 L:8.9 ULo:5.1	HI:22.8 M:21.0 L:18.1 ULo:10.4
Fan Speed			4 Steps	4 Steps	4 Steps	4 Steps
Pipe Size	Liquid	mm	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")
	Gas	mm	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø12.7 (1/2")	Ø12.7 (1/2")
Exterior Dimension (H x W x D)		mm	290 x 870 x 230	290 x 870 x 230	290 x 870 x 230	339 x 1197 x 262
Net Weight		kg	10.0	10.0	10.0	16.5

SPECIFICATIONS (Outdoor Unit)

MODEL			SCM25YS-W	SCM30YS-W	SCM40YS-W
Cooling Capacity		kW	4.3 (1.3~7.0)	6.0 (1.1~9.0)	8.0 (2.2~11.9)
Power Consumption		kW	0.95	1.2	1.64
COP		W/W	4.53	5.0	4.88
Sound Pressure		dB(A)	49	50	51
Exterior Dimension (H x W x D)		mm	595 x 780(+90) x 290	640 x 850(+65) x 290	750 x 880(+73) x 340
Weight		kg	39.5	47.5	60.5
Connectable no. IDU			1 ~ 2	1 ~ 4	1 ~ 4
Max Pipe Length	Total / Each room	m	30 / 30	40 / 25	70 / 25
Max Height Diff.	ODU-IDU / IDU-IDU	m	15 / 15	15 / 15	20 / 20
Refrigerant Type			R32	R32	R32
Pipe Size (O.D)	Liquid	mm	Ø6.35 x 2 (1/4")	Ø6.35 x 3 (1/4")	Ø6.35 x 4 (1/4")
	Gas	mm	Ø9.52 x 2 (3/8")	Ø9.52 x 3 (3/8")	Ø9.52 x 4 (3/8")

INVERTER MULTI SPLIT

TITAN SERIES



SRK10YVS-W7, SRK13YVS-W7, SRK18YVS-W7



SCM60YS-W



SRK24YVS-W7



SCM80YS-W

FUNCTIONS

3D Auto



SMARTS



Energy Saving



Comfort & Convenience



Clean Operation & Filter



Others



SPECIFICATIONS (Indoor Unit)

MODEL			SRK10YVS-W7	SRK13YVS-W7	SRK18YVS-W7	SRK24YVS-W7
Cooling Capacity		kW	2.5	3.5	5.0	7.1
Sound Pressure Level (Hi/Me/Lo/ULo)		dB(A)	HI:39 M:31 L:22 ULo:19	HI:43 M:34 L:27 ULo:19	HI:43 M:36 L:28 ULo:22	HI:43 M:40 L:36 ULo:24
Airflow rate (Hi/Me/Lo/ULo)		m³/min	HI:10.9 M:8.4 L:5.3 ULo: 4.7	HI:12.3 M9.1 L:7.0 ULo:4.7	HI:12.8 M:10.5 L:6.8 ULo:5.6	HI:20.5 M:18.6 L:16.2 ULo:10.4
Fan Speed			4 Steps	4 Steps	4 Steps	4 Steps
Pipe Size	Liquid	mm	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")
	Gas	mm	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø12.7 (1/2")	Ø15.88 (5/8")
Exterior Dimension (H x W x D)		mm	290 x 870 x 230	290 x 870 x 230	290 x 870 x 230	339 x 1197 x 262
Net Weight		kg	10.0	10.0	10.0	15.0

SPECIFICATIONS (Outdoor Unit)

MODEL			SCM60YS-W	SCM80YS-W
Cooling Capacity		kW	6.0 (1.1~8.4)	8.0 (2.2~10.6)
Power Consumption		kW	1.2	1.64
COP		W/W	5.00	4.88
Sound Pressure		dB(A)	50	51
Exterior Dimension (H x W x D)		mm	640 x 850 (+65) x 290	750 x 880 (+73) x 340
Weight		kg	47.5	61.0
Connectable no. IDU			1 ~ 3	1 ~ 4
Max Pipe Length	Total / Each room	m	40 / 25	70 / 25
Max Height Diff.	ODU-IDU / IDU-IDU	m	15 / 15	20 / 20
Refrigerant Type			R32	R32
Pipe Size (O.D)	Liquid	mm	Ø6.35 x 3 (1/4")	Ø6.35 x 4 (1/4")
	Gas	mm	Ø9.52 x 3 (3/8")	Ø9.52 x 4 (3/8")

INVERTER SINGLE SPLIT

R32 NEW!

ROCKET SERIES



SRK10YYS2-W8, SRK13YYS2-W8, SRK18YYS2-W8



SRC10YYS2-W, SRC13YYS2-W



SRK24YYS2-W8



SRC18YYS2-W

SRC24YYS2-W

FUNCTIONS

3D Auto

3D Auto, Memory, UP/DOWN, Lateral Swing

SMARTS

Fuzzy

Energy Saving

Economy, Eco, Auto OFF

Comfort & Convenience

HI POWER, Silent, DRY, Wireless Control System

Clean Operation & Filter

PM 2.5, Self Clean Operation, SUN Filter, Allergen Filter

Others

Auto Restart, Self Diagnostic, MC, BACK-UP SWITCH

SPECIFICATIONS

Indoor			SRK10YYS2-W8	SRK13YYS2-W8	SRK18YYS2-W8	SRK24YYS2-W8
Outdoor			SRC10YYS2-W8	SRC13YYS2-W8	SRC18YYS2-W8	SRC24YYS2-W8
Power Source			1 Phase, 220~240V, 50 Hz/220V, 60Hz			
Cooling Capacity		kW	2.5 (0.9 (Min.)~ 3.8 (Max.))	3.5 (1.3 (Min.)~ 4.5 (Max.))	5 (1.3 (Min.)~ 5.7 (Max.))	7.1 (0.9 (Min.)~ 8.6 (Max.))
Power consumption		kW	0.51 (0.18 ~ 0.88)	0.75 (0.25 ~ 1.10)	1.29 (0.26 ~ 1.70)	1.81 (0.20 ~ 2.50)
COP		W/W	4.9	4.7	3.9	3.9
Max running current		A	9.0	11.5	11.5	12.5
Indoor	Sound pressure level (Hi/Me/Lo/Ulo)	dB(A)	Hi:45 M:31 L:22 ULo:19	Hi:47 M:35 L:30 ULo:19	Hi:48 M:40 L:33 ULo:23	Hi:46 M:42 L:37 ULo:23
	Air flow (Hi/Me/Lo/Ulo)	m^3/min	Hi:12.9 M:8.4 L:5.3 ULo:4.3	Hi:14.1 M:9.9 L:8.0 ULo:4.3	Hi:14.8 M:11.5 L:8.9 ULo:5.1	Hi:22.8 M:21 L:18.1 ULo:10.4
	Exterior dimensions	mm	290 x 870 x 230	290 x 870 x 230	290 x 870 x 230	339 x 1197 x 262
	Net weight	kg	10.0	10.0	10.0	16.5
Outdoor	Sound pressure level	dB(A)	45.0	47.0	48.0	51.0
	Air flow	m^3/min	26.5	23.6	33.8	58.7
	Exterior dimensions	mm	540 x 780(+62) x 290	540 x 780(+62) x 290	640 x 800(+71) x 290	750 x 880(+88) x 340
	Net weight	kg	33.5	31.5	37.0	50.5
Piping size	Liquid	mm	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")
	Gas	mm	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø12.7 (1/2")	Ø12.7 (1/2")
Refrigerant	Type		R32	R32	R32	R32
	Charge amount (Pre-charge pipe length) 15M	kg(m)	0.75 in outdoor unit	0.77 in outdoor unit	0.9 in outdoor unit	1.0 in outdoor unit
Refrigerant line (one way) length		m	MAX.20	MAX.20	MAX.25	MAX.30
Vertical height differences	Outdoor is higher/lower	m	MAX.10/MAX.10	MAX.10/MAX.10	MAX.15/MAX.15	MAX.20/MAX.20
Recommended breaker size		A	16	16	16	20

INVERTER SINGLE SPLIT

TITAN SERIES



SRK10YVS-W7, SRK13YVS-W7, SRK18YVS-W7





SRC10YVS-W7, SRC13YVS-W7



SRK24YVS-W7



SCM60YS-W



SCM80YS-W

FUNCTIONS

3D Auto

3D Auto, Memory, UP/DOWN, Lateral Swing

SMARTS

Fuzzy

Energy Saving

Economy, Eco, Auto OFF

Comfort & Convenience

HIPOWER, Silent, DRY, Wireless Control System

Clean Operation & Filter

PM 2.5, Self Clean Operation, SUN Filter, Allergen Filter

Others

Auto Restart, Self Diagnostic, MC, BACK-UP SWITCH

SPECIFICATIONS

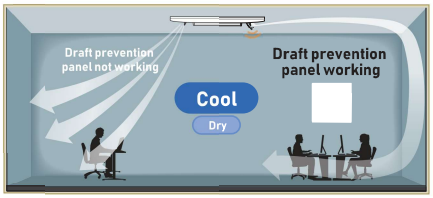
Indoor			SRK10YVS-W7	SRK13YVS-W7	SRK18YVS-W7	SRK24YVS-W7
Outdoor			**SRC10YVS-W7**	**SRC13YVS-W7**	**SCM60YS-W**	**SCM80YS-W**
Power Source			1 Phase, 220-240V, 50 Hz/220V, 60Hz			
Cooling Capacity		kW	2.5 (0.9 (Min.)- 3.8 (Max.))	3.5 (1.3 (Min.)- 4.4 (Max.))	6.0 (1.1-8.4)	8.0 (2.2-10.6)
Power consumption		kW	0.51 (0.18 - 0.88)	0.82 (0.18 - 1.27)	1.29 (0.26 - 1.70)	1.81 (0.20 - 2.50)
COP		W/W	4.9	4.27	3.9	3.9
Max running current		A	9.0	9.0	11.5	12.5
Indoor	Sound pressure level (Hi/Me/Lo/Ulo)	dB(A)	Hi:39 M:31 L:22 ULo:19	Hi:43 M:34 L:27 ULo:19	Hi:43 M:36 L:28 ULo:22	Hi:43 M:40 L:36 ULo:24
	Air flow (Hi/Me/Lo/Ulo)	m^3/min	Hi:10.9 M:8.4 L:5.3 ULo:4.7	Hi:12.3 M:9.1 L:7.0 ULo:4.7	Hi:12.8 M:10.5 L:6.8 ULo:5.6	Hi:20.5 M:18.6 L:16.2 ULo:10.4
	Exterior dimensions	mm	290 x 870 x 230	290 x 870 x 230	290 x 870 x 230	339 x 1197 x 262
	Net weight	kg	10.0	10.0	10.0	15.0
Outdoor	Sound pressure level	dB(A)	45.0	49.0	50.0	51.0
	Air flow	m^3/min	26.5	31.5	33.8	58.7
	Exterior dimensions	mm	540 x 780(+62) x 290	540 x 780(+62) x 290	640 x 850(+71) x 290	750 x 880(+88) x 340
	Net weight	kg	33.5	31.5	47.5	61.0
Piping size	Liquid	mm	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 x 3 (1/4")	Ø6.35 x 4 (1/4")
	Gas	mm	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø9.52 x 3 (1/2")	Ø9.52 x 4 (1/2")
Refrigerant	Type		R32	R32	R32	R32
	Charge amount (Pre-charge pipe length) 15M	kg(m)	0.75 in outdoor unit	0.75 in outdoor unit	0.77 in outdoor unit	0.77 in outdoor unit
Refrigerant line (one way) length		m	MAX.20	MAX.20	MAX.25	MAX.30
Vertical height differences	Outdoor is higher/lower	m	MAX.10/MAX.10	MAX.10/MAX.10	MAX.15/MAX.15	MAX.20/MAX.20
Recommended breaker size		A	16	16	16	20



CEILING CASSETTE FDT

Draft Prevention Panel (Option)

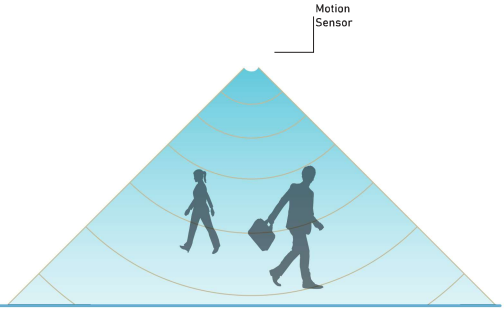
Draft Prevention Panel prevents cold draft being blown directly on the user.It is possible to set Draft Prevention Panel for each air outlet.



User can position panels by using the remote controller only (RC-EX3A, Wireless kit) when Draft Prevention Panel is available.

Motion Sensor (Option)

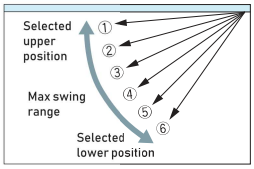
Motion sensor is equipped in the panel corner and detects the presence/absence and activity of humans in a room to improve the comfort and energy saving performance of the unit.



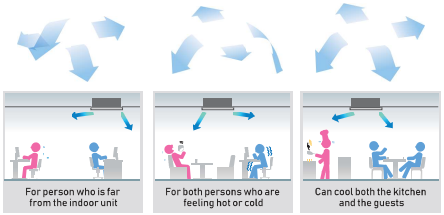
LB-T-5BW-E(White)
LB-T-5BB-E(Black)

Individual Flap Control System

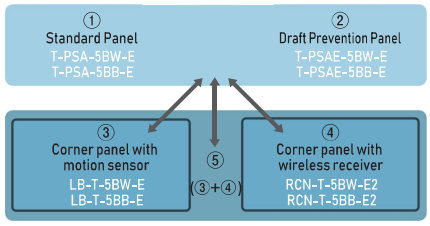
According to room conditions, four directions of air flow can be controlled individually by utilizing the flap control system. Individual flap control is available even after installation.



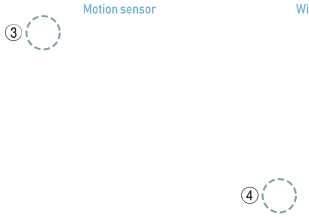
Flap can swing within an upper and lower flap range position within can be selected with a wired remote control.
• The wireless remote control is not applicable to the Individual flap control system.



Panel Select Pattern (Option)



Installation position of Wireless kit and Motion sensor kit



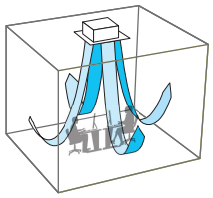
*Wireless receiver and Motion sensor can be installed to the position as shown

8 patterns of panel are available.

①	Standard Panel only
①+③	Standard Panel with corner panel with motion sensor
①+④	Standard Panel with corner panel with wireless receiver
①+⑤	Standard Panel with corner panel with motion sensor & corner panel with wireless receiver
②	Draft Prevention Panel only
②+③	Draft Prevention Panel with corner panel with motion sensor
②+④	Draft Prevention Panel with corner panel with wireless receiver
②+⑤	Draft Prevention Panel with corner panel with motion sensor & corner panel with wireless receiver

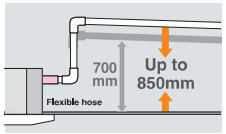
Suitable for High ceilings

The Powerful blowout carries comfortable air flow to the floor even in high ceiling applications. It is ideal for high ceiling offices, stores, etc., with a wide, uniform air flow throughout the room.



850mm Drain Pump

Drain can be discharged upwards up to 850mm from the ceiling surface, allowing a piping layout with a high degree of freedom. Thanks to the 185mm flexible hose, equipment supports easy workability.



*Wireless receiver and Motion sensor can be installed to the position as shown

INVERTER CEILING CASSETTE

ROCKET SERIES



(Optional)



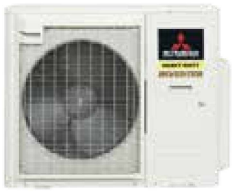
Draft Prevention Panel (Option)







SCM25YS-W





SCM40YS-W

Remote control (option)

Wired



RC-EX3A



RC-E5



RCH-E3

Wireless



RCN-T-5BW-E2(White)
RCN-T-5BB-E2(Black)

Indoor			FDT50YA-W	FDT71YA-W8
Outdoor			**SCM25YS-W**	**SCM40YS-W**
Power consumption		kW	0.95	1.64
COP		W/W	4.53	4.88
Max running current		A	9.0	11.5
Indoor	Sound pressure level (P-Hi/Hi/Me/Lo)	dB(A)	P-Hi:41 Hi:33 Me:30 Lo:26	P-Hi:46, Hi:34, Me:32, Lo:27
	Air flow (P-Hi/Hi/Me/Lo)	m^3/min	P-Hi:22, Hi:16, Me:13, Lo:10	P-Hi:28, Hi:18, Me:15, Lo:12
	Exterior dimensions	mm	236 x 840 x 840	236 x 840 x 840
	Net weight	kg	24.0	26.0
Outdoor	Sound pressure level	dB(A)	49.0	51.0
	Air flow	m^3/min	26.5	23.6
	Exterior dimensions	mm	595 x 780(+90) x 290	750 x 880(+73) x 340
	Net weight	kg	39.5	60.5
Piping size	Liquid	mm	Ø6.35	Ø6.35
	Gas	mm	Ø12.7	Ø12.7
Refrigerant	Type		R32	R32
	Charge amount (Pre-charge pipe length) 15M	kg(m)	0.75 in outdoor unit	0.77 in outdoor unit
Refrigerant line (one way) length		m	25	50
Vertical height differences	Outdoor is higher/lower	m	MAX.15/MAX.15	MAX.20/MAX.20
Outdoor operation temperature range		˚C	21.0 ~ 46.0	

FUNCTIONS

3D Auto

3D Auto
This one touch program will activate the three independent motors to evenly distribute air flow.

Memory Louver
Stop the louver at any angle, it remembers your setting for the next start.

Veritcal Auto Swing
Louvers swing up and down continuously and can be set at a fixed angle.

Horizontal Auto Swing
Louvers swing left and right continuously and can be set at a fixed angle.

SMARTS

Fuzzy Auto Mode
It automatically optimizes mode, temperature and inverter frequency for greater energy savings.

Motion Sensor
Sensor detects number of people in the room and automatically adjust temperature accordingly.

Draft Prevention Setting
Delivers comfortable, draft-free airflow, with instant draft control and precise airflow direction via remote.

Comfort & Convenience

Dry Operation
During dry operation the unit will act as a humidifier to remove

High Power Operation
Operates for 15 minutes to reach optimal temperature before resuming normal operation.

Silent Operation
Set low-noise periods for quiet night operation.

Wireless Control System
Wireless-enabled units can be controlled through the Smart M-Air app.

Energy Saving

Eco Operation
Room temperature and humidity are monitored by sensor to automatically control the operation.

Auto Off
Stops the operation automatically when there's no activity detected in the room for a certain period.

Economy Mode
The unit will operate in energy saving mode in order to avoid excessive cooling.

Clean Operation & Filter

PM 2.5 Filter
This filter enable your air-conditioner to reduce PM 2.5 which keeps your room fresh and safe.

Self-Clean Operation
It dries the indoor unit and filter, preventing the growth of mould.

Allergen Clear Filter
It breaks down the pollen, lice and all allergens and deactivates them.

Photocatalytic Washable Filter
Easy to clean filter that catches airborne allergens and particales before neutralising odour.

Others

Micro-Operated Defrosting
Auto mode prevents frosting in low ambient temperatures.

Self Diagnostics
In case of a malfunction, the microcomputer runs an automatic system diagnostic.

Auto Restart Function
The unit resumes the same operating mode automatically when power is restored.

Back-Up Switch
If the remote control fails, the unit can be operated via an on/off switch on the indoor unit.

COMBINATIONS

SCM25YS-W Table of Indoor unit combination (20A) ISOLATOR

Indoor unit combination		Cooling capacity (kW)					Power consumption (W)			Standard current (A)		
		Room cooling capacity		Total capacity								
		A	B	Min.	Standard	Max.	Min.	Standard	Max.	220V	230V	240V
1 unit	10	2.5	-	1.3	2.5	3.8	340	600	1000	2.8	2.7	2.6
	13	3.5	-	1.4	3.5	4.3	340	1000	1400	4.6	4.4	4.2
	18	5.0	-	1.4	5.0	5.3	340	1800	2100	8.3	7.9	7.6
2 unit	10 + 10	2.15	2.15	1.7	4.3	6.8	340	950	2300	4.4	4.2	4.0
	10 + 13	1.79	2.51	1.7	4.3	6.8	340	1130	2300	5.2	5.0	4.8
	10 + 18	1.43	2.87	1.7	4.3	6.9	340	1330	2300	6.2	5.9	5.6
	13 + 13	2.15	2.15	1.7	4.3	6.9	340	1130	2300	5.2	5.0	4.8
	13 + 18	1.77	2.53	1.7	4.3	7.0	340	1330	2300	6.2	5.9	5.6
	18 + 18	2.15	2.15	1.8	4.3	7.0	340	1330	2300	6.2	5.0	5.7

COMBINATIONS

SCM30YS-W Table of Indoor unit combination (20A) ISOLATOR

Indoor unit combination		Cooling capacity (kW)						Power consumption (W)			Standard currrent (A)		
		Room cooling capacity			Total capacity			Min.	Standard	Max.	220V	230V	240V
		A	B	C	Min.	Standard	Max.						
1 unit	10	2.50	—	—	1.1	2.5	3.5	220	600	800	2.8	2.7	2.6
	13	3.50	—	—	1.1	3.5	4.4	220	1060	1300	5.0	4.8	4.6
	18	5.00	—	—	1.1	5.0	5.5	220	1750	1900	8.0	7.7	7.4
2 units	10 + 10	2.50	2.50	—	1.3	5.0	7.0	250	1150	2000	5.3	5.1	4.9
	10 + 13	2.50	3.50	—	1.3	6.0	7.2	250	1500	2200	7.0	6.7	6.4
	10 + 18	2.00	4.00	—	1.3	6.0	7.5	250	2040	2300	9.4	9.0	8.6
	13 + 13	3.00	3.00	—	1.3	6.0	7.5	250	2040	2300	9.4	9.0	8.6
	13 + 18	2.47	3.53	—	1.3	6.0	7.5	250	2040	2300	9.4	9.0	8.6
	18 + 18	3.00	3.00	—	1.3	6.0	7.5	250	2040	2300	9.4	9.0	8.6
3 units	10 + 10 + 10	2.00	2.00	2.00	1.9	6.0	9.0	350	1200	2300	5.6	5.3	5.1
	10 + 10 + 13	1.76	1.76	2.48	1.9	6.0	9.0	350	1200	2300	5.6	5.3	5.1
	10 + 10 + 18	1.50	1.50	3.00	1.9	6.0	9.0	350	1200	2300	5.5	5.3	5.1
	10 + 13 + 13	1.58	2.21	2.21	1.9	6.0	9.0	350	1200	2300	5.5	5.3	5.1
	10 + 13 + 18	1.36	1.91	2.73	1.9	6.0	9.0	350	1200	2300	5.5	5.3	5.1
	13 + 13 + 13	2.00	2.00	2.00	1.9	6.0	9.0	350	1200	2300	5.5	5.3	5.1

SCM40YS-W Table of Indoor unit combination (20A) ISOLATOR

Indoor unit combination		Cooling capacity (kW)							Power consumption (W)			Standard currrent (A)		
		Room cooling capacity				Total capacity			Min.	Standard	Max.	220V	230V	240V
		A	B	C	D	Min.	Standard	Max.						
1 unit	10	2.50	—	—	—	2.2	2.5	3.5	530	580	830	2.9	2.8	2.7
	13	3.50	—	—	—	2.2	3.5	4.4	530	960	1350	4.8	4.6	4.4
	18	5.00	—	—	—	2.2	5.0	5.5	530	1540	1990	7.7	7.4	7.1
	24	7.10	—	—	—	2.2	7.1	8.3	530	2220	2400	10.3	9.8	9.4
2 units	10 + 10	2.50	2.50	—	—	2.6	5.0	7.1	540	1210	1800	5.7	5.5	5.3
	10 + 13	2.50	3.50	—	—	2.6	6.0	8.0	540	1610	2300	7.6	7.3	7.0
	10 + 18	2.50	5.00	—	—	2.6	7.5	9.4	540	2230	3000	10.6	10.1	9.7
	10 + 24	2.08	5.92	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5
	13 + 13	3.50	3.50	—	—	2.6	7.0	8.8	540	2240	2700	10.4	9.9	9.5
	13 + 18	3.29	4.71	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5
	13 + 24	2.64	5.36	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5
	18 + 18	4.00	4.00	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5
	18 + 24	3.31	4.69	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5
	24 + 24	4.00	4.00	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5
3 units	10 + 10 + 10	2.50	2.50	2.50	—	2.8	7.5	10.5	570	1770	3000	8.3	7.9	7.6
	10 + 10 + 13	2.35	2.35	3.29	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	10 + 10 + 18	2.00	2.00	4.00	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	10 + 10 + 24	1.65	1.65	4.69	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	10 + 13 + 13	2.11	2.95	2.95	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	10 + 13 + 18	1.82	2.55	3.64	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	10 + 13 + 24	1.53	2.14	4.34	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	10 + 18 + 18	1.60	3.20	3.20	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	10 + 18 + 24	1.37	2.74	3.89	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	13 + 13 + 13	2.67	2.67	2.67	—	2.8	8.0	10.5	570	2080	3000	9.6	9.2	8.8
	13 + 13 + 18	2.33	2.33	3.33	—	2.8	8.0	10.5	570	2080	3000	9.6	9.2	8.8
	13 + 13 + 24	1.99	1.99	4.03	—	2.8	8.0	10.5	570	2080	3000	9.6	9.2	8.8
	13 + 18 + 18	2.07	2.96	2.96	—	2.8	8.0	10.5	570	2080	3000	9.6	9.2	8.8
4 units	10 + 10 + 10 + 10	2.00	2.00	2.00	2.00	3.0	8.0	11.9	590	1640	3000	7.8	7.5	7.2
	10 + 10 + 10 + 13	1.82	1.82	1.82	2.55	3.0	8.0	11.9	590	1640	3000	7.8	7.5	7.2
	10 + 10 + 10 + 18	1.60	1.60	1.60	3.20	3.0	8.0	11.9	590	1640	3000	7.8	7.5	7.2
	10 + 10 + 10 + 24	1.37	1.37	1.37	3.89	3.0	8.0	11.9	590	1640	3000	7.8	7.5	7.2
	10 + 10 + 13 + 13	1.67	1.67	2.33	2.33	3.0	8.0	11.9	590	1640	3000	7.8	7.5	7.2
	10 + 10 + 13 + 18	1.48	1.48	2.07	2.96	3.0	8.0	11.9	590	1640	3000	7.8	7.5	7.2
	10 + 13 + 13 + 13	1.54	2.15	2.15	2.15	3.0	8.0	11.9	590	1640	3000	7.8	7.5	7.2
	10 + 13 + 13 + 18	1.38	1.93	1.93	2.76	3.0	8.0	11.9	590	1640	3000	7.8	7.5	7.2
	13 + 13 + 13 + 13	2.00	2.00	2.00	2.00	3.0	8.0	11.9	590	1640	3000	7.8	7.5	7.2

Outdoor / Indoor Combination Table

Outdoor	Indoor			
Model	SRK10YYS2-W8	SRK13YYS2-W8	SRK18YYS2-W8	SRK24YYS2-W8
SCM25YS-W	✓	✓	✓	✗
SCM30YS-W	✓	✓	✓	✗
SCM40YS-W	✓	✓	✓	✓

Number of connectable indoor units			
	SCM25YS-W	SCM30YS-W	SCM40YS-W
MIN.	1	1	1
MAX.	2	3	4

COMBINATIONS

SCM60YS-W Table of Indoor unit combination (20A) ISOLATOR

Indoor unit combination			Cooling capacity (kW)						Power consumption (W)			Standard current (A)			Power facter
			Room cooling capacity (kW)			Total capacity (kW)									
			A room	B room	C room	Min.	Standard	Max.	Min.	Standard	Max.	220V	230V	240V	
Cooling operation	1 room	10	2.50	—	—	1.1	2.5	3.5	220	600	800	2.8	2.7	2.7	97
		13	3.50	—	—	1.1	3.5	4.4	220	1060	1300	5.0	4.8	4.8	97
		18	5.00	—	—	1.1	5.0	5.5	220	1750	1900	8.0	7.7	7.7	99
	2 room	10 + 10	2.50	2.50	—	1.3	5.0	7.0	250	1150	2000	5.3	5.1	5.1	98
		10 + 13	2.50	3.50	—	1.3	6.0	7.2	250	1500	2200	7.0	6.7	6.7	98
		10 + 18	2.00	4.00	—	1.3	6.0	7.5	250	2040	2300	9.4	9.0	9.0	98
		13 + 13	3.00	3.00	—	1.3	6.0	7.5	250	2040	2300	9.4	9.0	9.0	99
		13 + 18	2.47	3.53	—	1.3	6.0	7.5	250	2040	2300	9.4	9.0	9.0	99
		18 + 18	3.00	3.00	—	1.3	6.0	7.5	250	2040	2300	9.4	9.0	9.0	99
	3 room	10 + 10 + 10	2.00	2.00	2.00	1.9	6.0	8.4	350	1200	2300	5.6	5.3	5.3	98
		10 + 10 + 13	1.76	1.76	2.48	1.9	6.0	8.4	350	1200	2300	5.6	5.3	5.3	98
		10 + 10 + 18	1.50	1.50	3.00	1.9	6.0	8.4	350	1200	2300	5.5	5.3	5.3	98
		10 + 13 + 13	1.58	2.21	2.21	1.9	6.0	8.4	350	1200	2300	5.5	5.3	5.3	99
		10 + 13 + 18	1.36	1.91	2.73	1.9	6.0	8.4	350	1200	2300	5.5	5.3	5.3	99
		13 + 13 + 13	2.00	2.00	2.00	1.9	6.0	8.4	350	1200	2300	5.5	5.3	5.3	99

SCM80YS-W Table of Indoor unit combination (20A) ISOLATOR

Indoor unit combination			Cooling capacity (kW)							Power consumption (W)			Standard current (A)			Power facter
			Room cooling capacity (kW)				Total capacity (kW)									
			A room	B room	C room	D room	Min.	Standard	Max.	Min.	Standard	Max.	220V	230V	240V	
Cooling operation	1 room	10	2.50	—	—	—	2.2	2.5	3.5	530	580	830	2.9	2.8	2.7	91
		13	3.50	—	—	—	2.2	3.5	4.4	530	960	1350	4.8	4.6	4.4	91
		18	5.00	—	—	—	2.2	5.0	5.5	530	1540	1990	7.7	7.4	7.1	91
		24	7.10	—	—	—	2.2	7.1	8.3	530	2220	2400	10.3	9.8	9.4	98
	2 room	10 + 10	2.50	2.50	—	—	2.6	5.0	7.1	540	1210	1800	5.7	5.5	5.3	98
		10 + 13	2.50	3.50	—	—	2.6	6.0	8.0	540	1610	2300	7.6	7.3	7.0	96
		10 + 18	2.50	5.00	—	—	2.6	7.5	9.4	540	2230	3000	10.6	10.1	9.7	96
		10 + 24	2.08	5.92	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5	98
		13 + 13	3.50	3.50	—	—	2.6	7.0	8.8	540	2240	2700	10.4	9.9	9.5	98
		13 + 18	3.29	4.71	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5	98
		13 + 24	2.64	5.36	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5	98
		18 + 18	4.00	4.00	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5	98
		18 + 24	3.31	4.69	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5	98
		24 + 24	4.00	4.00	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5	98
	3 room	10 + 10 + 10	2.50	2.50	2.50	—	2.8	7.5	10.5	570	1770	3000	8.3	7.9	7.6	97
		10 + 10 + 13	2.35	2.35	3.29	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9	97
		10 + 10 + 18	2.00	2.00	4.00	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9	97
		10 + 10 + 24	1.65	1.65	4.69	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9	97
		10 + 13 + 13	2.11	2.95	2.95	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9	97
		10 + 13 + 18	1.82	2.55	3.64	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9	97
		10 + 13 + 24	1.53	2.14	4.34	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9	97
		10 + 18 + 18	1.60	3.20	3.20	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9	97
		10 + 18 + 24	1.37	2.74	3.89	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9	97
		13 + 13 + 13	2.67	2.67	2.67	—	2.8	8.0	10.5	570	2080	3000	9.6	9.2	8.8	98
		13 + 13 + 18	2.33	2.33	3.33	—	2.8	8.0	10.5	570	2080	3000	9.6	9.2	8.8	98
		13 + 13 + 24	1.99	1.99	4.03	—	2.8	8.0	10.5	570	2080	3000	9.6	9.2	8.8	98
		13 + 18 + 18	2.07	2.96	2.96	—	2.8	8.0	10.5	570	2080	3000	9.6	9.2	8.8	98
	4 room	10 + 10 + 10 + 10	2.00	2.00	2.00	2.00	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2	95
		10 + 10 + 10 + 13	1.82	1.82	1.82	2.55	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2	95
		10 + 10 + 10 + 18	1.60	1.60	1.60	3.20	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2	95
		10 + 10 + 10 + 24	1.37	1.37	1.37	3.89	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2	95
		10 + 10 + 13 + 13	1.67	1.67	2.33	2.33	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2	95
		10 + 10 + 13 + 18	1.48	1.48	2.07	2.96	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2	95
		10 + 13 + 13 + 13	1.54	2.15	2.15	2.15	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2	95
		10 + 13 + 13 + 18	1.38	1.93	1.93	2.76	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2	95
		13 + 13 + 13 + 13	2.00	2.00	2.00	2.00	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2	95

Outdoor / Indoor Combination Table

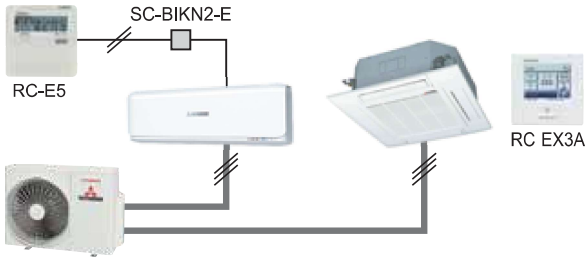
Outdoor	Indoor			
Model	SRK10YVS-W7	SRK13YVS-W7	SRK18YVS-W7	SRK24YVS-W7
SCM60YS-W	✓	✓	✓	✗
SCM80YS-W	✓	✓	✓	✓

Number of connectable indoor units		
	SCM60YS-W	SCM80YS-W
MIN.	1	1
MAX.	3	4

CONTROL OPTION

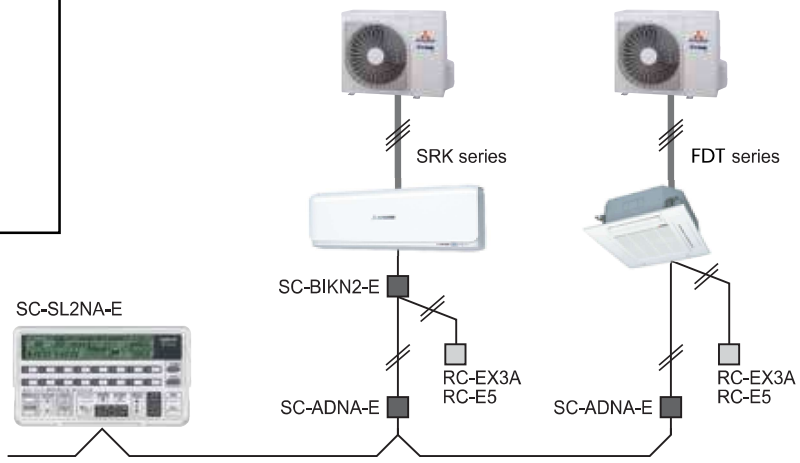
Wired remote control can be connected

Model	Interface	Remote Control
SRK-YYS-W8 SRK-YVS-W7	SC-BIKN2-E	RC-EX3A RC-E5
FDT	Not Required	



Can be connected to SUPERLINK - II

Model	Interface	Remote Control
SRK-YYS-W8 SRK-YVS-W7	SC-BIKN2-E SC-ADNA-E	RC-EX3A RC-E5
FDT	SC-ADNA-E	



External switch connection CnT

All indoor units are equipped with an additional connection point -CnT - to connect indoor units to an external ON/OFF switch; e.g. time clock, fire alarm, etc.

Model	Interface
SRK-YYS-W8 SRK-YVS-W7	SC-BIKN2-E


Remote surveillance system



Card key on-off


Humidifier linkage

*Wired Remote control, SUPERLINK-II and CnT can be used but required SC-BIKN2 connected to CNS and wireless control system will be no longer available.

Authorized distributor of Mitsubishi Heavy Industries Mahajak Air-Conditioners

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Our factories are ISO9001 and ISO14001 certified.

Certified ISO 9001

Certificate Number : JQA-0709

Certificate Number : 4333-2007-AQ-RGC-RvA

Certified ISO 14001

Certificate Number : YKA4005636

Certificate number : 02117E10160R0M

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Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without notice.