

Residential Air Conditioners ***SR***series



High Performance Air Conditioning



SRK24YVS-W



Remote control

1. Simple design and easy to use
2. Temperature controlled in 0.5°C units

The newly developed YVS series



SRK10/13/18YVS-W

Wireless Control System (option)

Control your air conditioner from anywhere, anytime with the Wireless Control System.

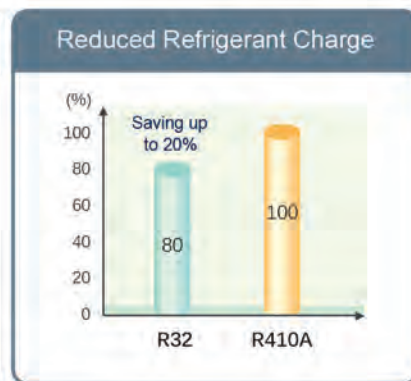
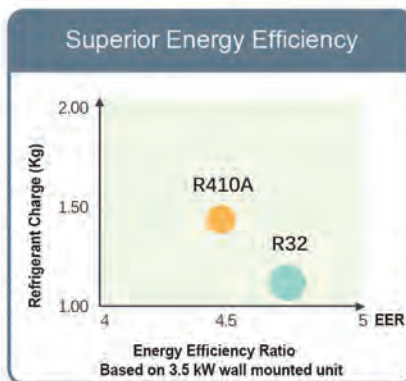
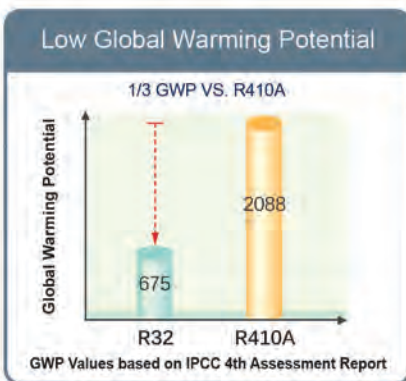
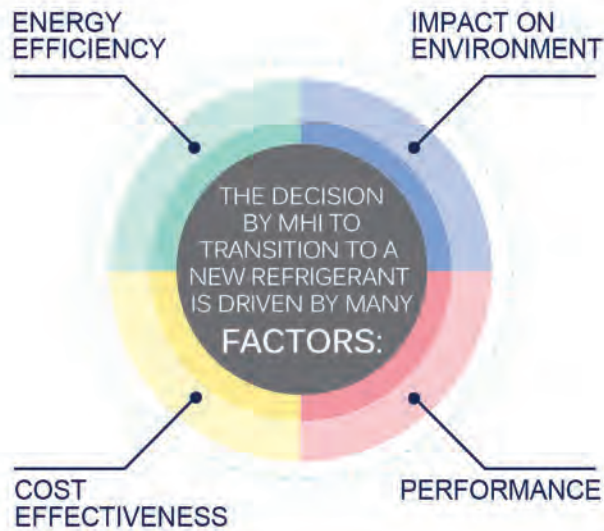


NEXT GENERATION REFRIGERANT R32



R32 - A Low GWP Refrigerant

- A single component, easy to handle refrigerant
- Known as a component of the blend R410A (50% R32, 50% R125)
- Already used in Air Conditioning systems worldwide
- Zero Ozone Depletion
- Superior Energy Efficiency vs. R410A
- Reduced refrigerant charge vs. R410A
- Easy to recycle



Environmental

Mitsubishi Heavy Industries Thermal Systems are unswervingly dedicated to facing the challenges of the future.

Mitsubishi Heavy Industries Thermal Systems is dedicated to supporting global sustainability by offering the most energy-efficient air-conditioning systems. Through our in-depth research and development we are able to incorporate new technologies within our units to maximise their energy efficiency and significantly reduce carbon emissions.

Environmental Impact

Mitsubishi Heavy Industries Thermal Systems recognises the importance of reducing carbon emission and selecting environmentally-friendly solutions.

The future of our planet rests in the sustained evolution of humankind while caring, with love and responsibility, for all life forms that inhabit it. Therefore Mitsubishi Heavy Industries Thermal Systems will continue to develop new technologies and products and will remain competitive in the market to achieve a sustainable future.



3D AUTO Vertical + Horizontal

Multi motors make 3 independent controls

3D AUTO is one touch programmed and multi motors make three independent air flow controls.

The uniform and quiet airflow can be delivered to every corner of the room, achieving economical operation and minimising energy loss.

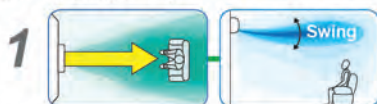


Programmed air distribution

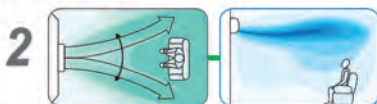
Programmed 3D AUTO

Hi-Power (Quick)

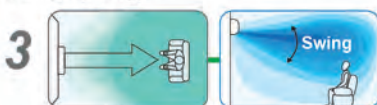
Cool Breeze



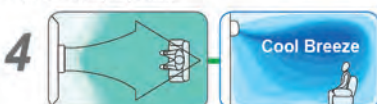
Wide Swing (Every Corner)



Center (Long)



Wide-Air (Equal)



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

The cooled air flows directly to the ceiling in cooling operation mode, not directly at the occupants of the room. Comfort cooled air flow comes via the ceiling like a cool breeze. In the heating mode, warm air flow can be sent down to the floor directly. The warm air then spreads along the floor achieving optimum comfort.

Horizontal swings in 8 directions



The airflow direction from the right and left louvers can be controlled individually. Eight different air flow patterns can be selected.



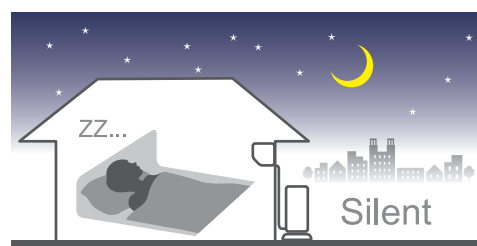
High Power Operation

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.

Silent Operation

When Silent operation is set, the maximum pressure level of the 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.



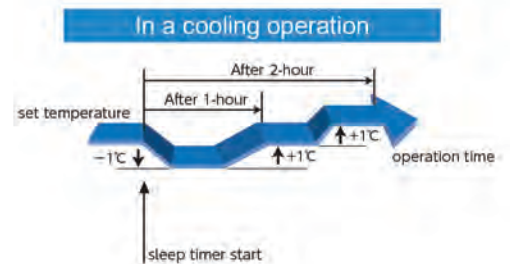
TIMER / CONVENIENCE

Weekly Timer

Up to 4 programs with timer operation (ON-TIMER / OFF-TIMER) are available for each day of the week. Maximum 28 programs per week can be set. Once set, the timer operation will repeat the same program every week unless otherwise cancelled.

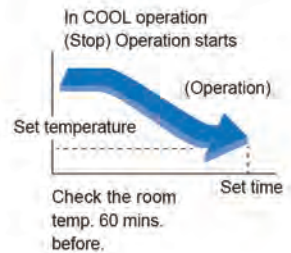
Sleep Timer

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



Comfort start-up

Air conditioner controls room temperature to achieve comfort at the "set time" by 60-minutes pre-operation. This is convenient when you wake up or return home at a predetermined time. In ON-TIMER operation, the unit starts the operation a little earlier, so that the room can approach optimum temperature at ON time.



Preset Operation

The preset operation features allow customised temperature and airflow settings, which will deliver ultimate comfort with one simple touch of the button. (Applied for ZSX, ZS, YVS series)

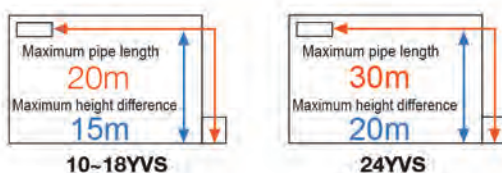
LED Brightness Adjustment

Brightness of the LED display can be adjusted according to the user's preference. for YVS series



Long Piping Length

YVS series supports a piping length of up to 30m to give design flexibility.



Installation of air conditioners for a three-story house is available with long piping length

Suitable installation space can be found easily for outdoor units with long piping length. As one outdoor unit is necessary for a three-story house the space required for installation is relatively small so the unit can be obscured in place. Indoor units can be installed far apart such as on the first floor and the third floor.



Wireless Control System



With wireless device WF-RAC (Optional), you can control the air conditioner at home or on the go by installing Smart M-Air app on your smartphone or tablet.

Weekly Timer

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

Electricity Graph

-Electricity usage graph
* Except for ZR series.

Notification Function

- Shut-off reminder alert
- A notification will be sent to your smart device if the air conditioner is accidentally left running
- Hi temp/low temp alert
- Watching function



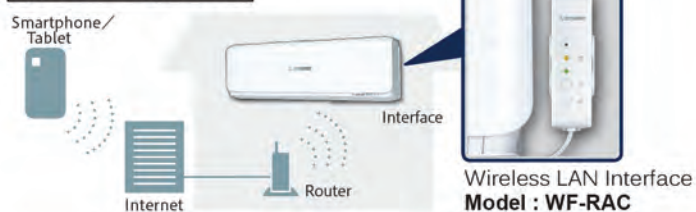
Search for "Smart M-Air" from the GooglePlay™ store for Android™ and AppStore for iPhone.



Other functions

- Turn ON/OFF
- Change operation mode (Cool,Heat,Dry,Auto)
- Control temperature
- Set Timers
- Home leave mode
- Favourite setting

System configuration



*SC-BIKN2-E cannot be used simultaneously for system configuration.

*Android is a trademark of Google Inc. IOS is a registered trademark of Cisco in the U.S. and other countries and is used under license.

Applicable products

- SRK-ZSX -W/-S (Optional)
- SRK-ZS -W/-S (Optional)
- SRK-ZR -W/-S (Optional)
- SRK-YVS (Optional)



Wireless LAN Built-in model

Wireless Control System is equipped as global model



Electricity Bill Graph

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

Smart M-Air



Search for "Smart M-Air" from the GooglePlay™ store for Android™ and AppStore for iPhone.



Elegant timeless design

- Simple yet an elegant, designed by an Italian designing company.
- When the unit is mounted the intake will be partially hidden.



Remote control

- Simple design and easy to use
- Temperature controlled in 0.5°C units

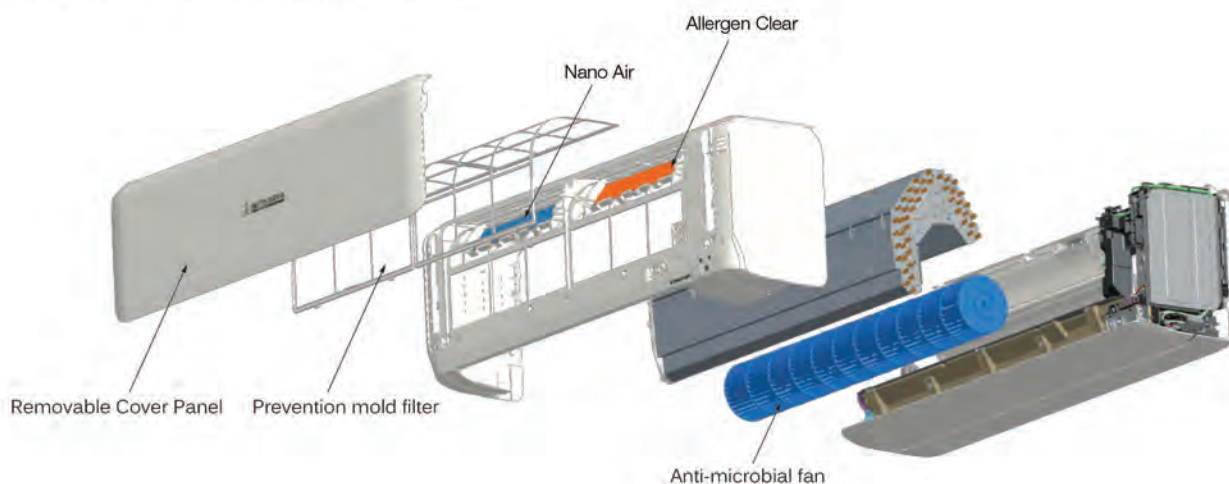


Structure of Preventing Dirt

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. which can occur when an air conditioning system is not in operation.

(Compatible with all wall mounted type units.)



• Efficacy of "Anti-microbial"

Testing Authority: Japan Food Analysis Center

Test Report No. : 17067139001 - 0301

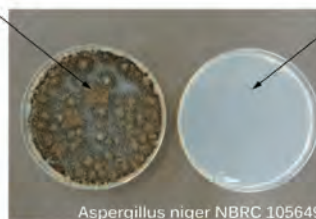
JIS Z 2801 Antimicrobial Products - Test for Antimicrobial Activity and Efficacy

Test Report No. : 17067139001 - 0501

JIS Z 2911 Methods of Test for Fungus Resistance

Tests were conducted with reference to the antimicrobial strength tests as follows Delere.

without Anti-microbial with Anti-microbial



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

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

Photocatalytic Washable Deodorising Filter (Optional)

The deodorizing power can be restored by washing with water and drying in the sun, as such it is a recyclable deodorising filter capable of repeat use.



Used in models

Filter	Indoor Unit	SRK-YVS
Allergen Clear Filter		1pc
Photocatalytic Washable Deodorizing Filter		(Optional)
Nano Air Filter		1pc



**SECURE THE BEST AIR QUALITY
BY MHI CUTTING - EDGE
MULTI - TARGET FILTERS**

NANO AIR FILTER

ALLERGEN CLEAR FILTER

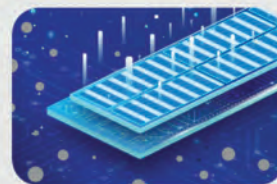


**ALLERGEN
CLEAR FILTER**



Detect various household allergens

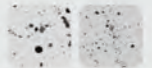
Allergen Clear Filter helps you steer clear of various household allergens, including pollen, dust mites and pet hair and dander. By utilizing enzyme-urea compound, it detects not only allergens, but also many kinds of mold, bacteria and viruses.



NANO AIR FILTER



Captures 99% of PM 2.5



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

**ANTI-ALLERGEN FILTER AND
ACTIVATED CARBON FILTER**

**Absorb harmful gases
and purify the air**

Combining two filtration powers, it traps and holds allergens, and at the same time absorbs harmful gases and consequently purifies the air.



**PHOTOCATALYTIC (Optional)
WASHABLE DEODORIZING FILTER**

Trap away unpleasant odors

This filter keeps the 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 deodorizing power.

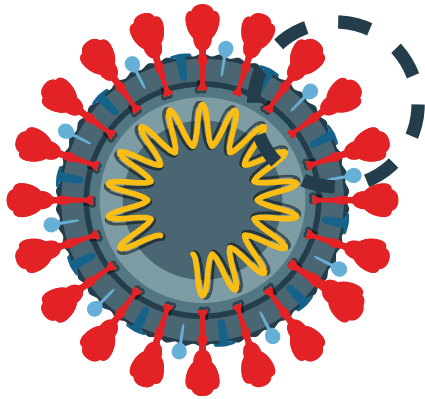


**ION 24-HOUR
ION SHEET**

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

MHI's Allergen Clear Filter inactivates SARS-CoV-2 particles

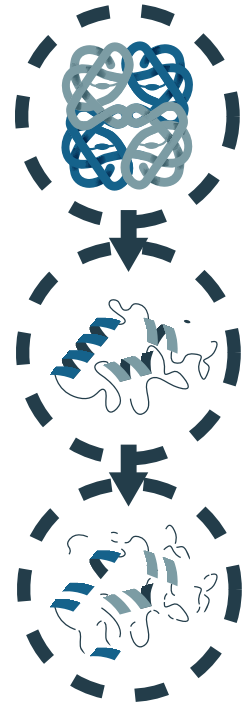
99.998% of SARS-CoV-2 inactivated
by MHI's enzyme-urea technology



SARS-CoV-2 particle

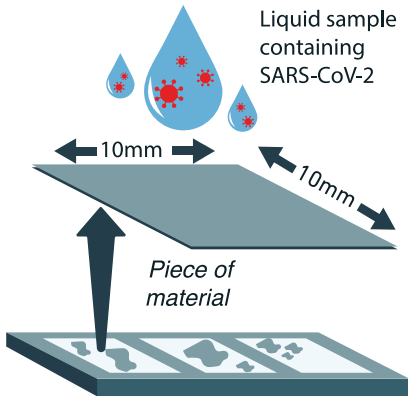


Proteins such as spike protein are stretched by urea



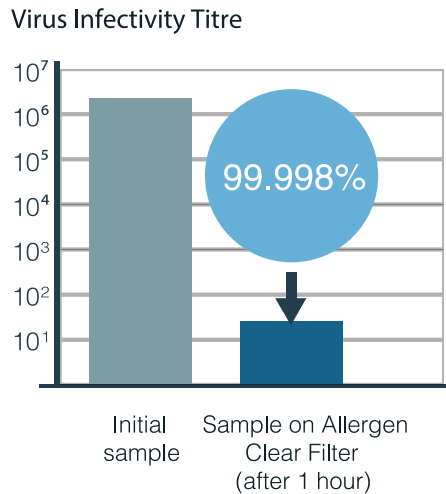
Presumed mechanism

Test

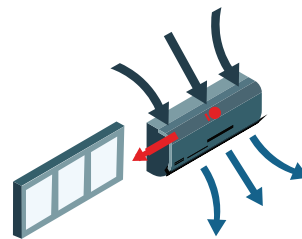


Allergen Clear Filter
Test conditions standard:
ISO18184

Result



Allergen Clear Filter inside MHI AC units



Allergen Clear Filter
Enzyme + Urea deactivate allergens & bacteria

Wall Mounted

- ✓ SRK-ZSX
- ✓ SRK-ZS
- ✓ SRK-ZR
- ✓ SRK-YVS

FUNCTIONS

Energy saving



Eco Operation

Room temperature and humidity are monitored using a sensor to automatically control the operation. In tandem with the motion sensor, the system enables an energy saving mode while maintaining comfort.



Economy Mode

The unit will operate in energy saving mode in order to avoid excessive heating and cooling.

Air flow



Jet Air Technology

Air flow is regulated using the same blade technology as that in jet engines which produces a powerful yet efficient air flow.



3D Auto

This one touch program will activate the three independent motors to evenly distribute air flow and create optimum heating and cooling conditions.



Auto Flap Mode

Depending on the operating mode, the unit will automatically set the position of the louvers at the optimal angle.



Memory Louver

While the louver is swinging it can be stopped at any angle. On the next start-up the louver returns to the same position that it was when the operation last stopped.



Vertical Auto Swing

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



Horizontal Auto Swing

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

Clean Operation & Filter



Allergen Clear Operation

The system is equipped to suppress the influence of the allergens caught by the Allergen Clear Filter by controlling the temperature and humidity. Enzymes are used to suppress the influence of the allergens caught during everyday operation.



Self-Clean Operation

Self clean mode dries the indoor unit and filter, preventing the growth of mould. This runs for 2 hours after the unit has been switched off.



Allergen Clear Filter

The filter breaks down the pollen, lice, and all allergens that live on cat skins, etc. and deactivates them.



Photocatalytic Washable Deodorising Filter

This easy to clean filter that catches airborne allergens and particles before neutralising odour causing bacteria within them.



Removable Cover Panel

With an easy to remove front panel, cleaning and maintenance of the indoor unit is quicker and easier than ever.



24-Hour ION Sheet

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

Comfort



Dry Operation

During dry operation the unit will act as a dehumidifier to remove moisture from the air.



High Power Operation

Use the high power function to quickly reach your optimum temperature level when you first turn on the unit. This function will operate for a maximum of 15 minutes before returning to normal operation.



Silent Operation

This function allows you to program periods where the unit will operate with reduced noise levels and is ideal for temperature control during the night.

Timer



Weekly Timer

Set your unit to turn on and off automatically on a weekly basis to suit your usual room usage on each day.



24-hour On/Off Programmable Timer

By combining a start timer with a stop timer, you can register two timer operations a day. Once set, timers will faithfully start or stop the system at a specified time of the day repeatedly.



Sleep Timer

The room temperature is automatically controlled during the set sleep mode period, ensuring that room temperature will not get too cold or too hot. Set a predetermined amount of time between 30 and 240 minutes that your unit will operate for before switching off.



On/Off Timer

This timer allows the unit to be set to turn ON or OFF automatically once within a 24 hour period.

Convenience



Comfort Start-up

With the ON-TIMER function, the unit will switch on earlier than the SET time, to ensure the optimum temperature is reached at the ON TIME.



Preset Operation

The desired preset operation mode can be enabled with a single touch of a button.



Child Lock

Lock the remote control to prevent child from tampering with the remote control.



LED Brightness Adjustment

The unit has an adjustable LED brightness display for minimal disturbance during night operation.



Positioning of Installation

This allows you to manually set the air flow direction when the unit is installed against a wall.



Wireless Control System

If you acquired the Wireless device, you can control the air conditioner at home or on the go by installing Smart M-Air app on your smartphone or tablet.

Others



Self Diagnostics

The internal microcomputer automatically runs a diagnostic of the system in the event of a malfunction. This enables your authorised dealer to isolate and repair any issues.



Auto Restart Function

If there is a temporary loss of power, when power is restored, the unit will automatically restart in the same operating mode it was in.



Back-up Switch

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

Note: Due to the compact high efficient design of heat exchanger, the use of wall mounted fan & Ceiling Cassette coil units are not recommended for hair salon environment. Please contact our Dealers for Recommendations of appropriate model.



INVERTER SINGLE SPLIT DELUXE (COOLING)

YVS SERIES

Inverter



SRK10YVS-W, SRK13YVS-W, SRK18YVS-W



SRC10YVS-W
SRC13YVS-W



SRC18YVS-W



SRK24YVS-W



SRC24YVS-W



FUNCTIONS

ENERGY SAVING

- Economy

AIR FLOW

- JET FLOW
- 3D Auto
- Auto Flap
- Memory
- UP/DOWN
- Lateral Swing

CLEAN OPERATION & FILTER

- Self Clean Operation
- SUN Filter
- Enzyme Filter
- ANTI-MICRO BIAS
- RETRACTABLE FAN
- ION

COMFORT & CONVENIENCE

- DRY
- HI POWER
- Silent
- Weekly timer On/Off
- 24h Timer On/Off
- Sleep
- On/Off Timer
- Comfort
- Preset
- LED Brightness Adjustment
- Positioning of Installation
- AUTO
- Child Lock

OTHERS

- Self Diagnostic
- Auto Restart
- BACK-UP SWITCH
- LUMINOUS MOTOR
- DC INVERTER

SPECIFICATIONS (Indoor unit)

			SRK10YVS-W SRC10YVS-W	SRK13YVS-W SRC13YVS-W	SRK18YVS-W SRC18YVS-W	SRK24YVS-W SRC24YVS-W
Indoor						
Outdoor						
Power source			1 Phase, 220-240V, 50Hz			
Cooling Capacity	Cooling	kW	2.5	3.5	5.2	7.1
Power consumption	Cooling	kW	0.51	0.82	1.39	1.84
COP	Cooling	W/W	4.90	4.27	3.74	3.86
Inrush current		A	2.6 / 9.0	3.9 / 9.0	50 / 14.5	17.0
Indoor unit	Airflow rate (Hi/Me/Lo)	[m ³ /min]	10.9 / 8.4 / 5.3	12.3 / 9.1 / 7.0	12.8 / 10.5 / 6.8	20.5 / 18.6 / 16.2
	Sound pressure level (Hi/Me/Lo)	[dB(A)]	39 / 31 / 22	43 / 34 / 27	43 / 36 / 28	43 / 40 / 36
	Exterior dimensions (HxWxD)	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	10	10	15
Outdoor unit	Airflow rate	[m ³ /min]	26	31	34	55
	Sound pressure level	[dB(A)]	45	49	47	53
	Exterior dimensions (HxWxD)	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	33	40	58
Refrigerant type	type		R32	R32	R32	R32
Piping size (Liquid/Gas)	mm		ø6.35 / ø9.52	ø6.35 / ø9.52	ø6.35 / ø12.70	ø6.35 / ø15.88
Vertical height differences	m		Max.10 / Max.10	Max.10 / Max.10	Max.15 / Max.15	Max.20 / Max.20

SCM SERIES

Inverter



SRK10YVS-W7, SRK13YVS-W7, SRK18YVS-W7



SCM60YS-W



SRK24YVS-W7



SCM80YS-W



FUNCTIONS

ENERGY SAVING

- Economy

AIR FLOW

- JET FLOW
- 3D Auto
- Auto Flap
- Memory
- UP/DOWN
- Lateral Swing

CLEAN OPERATION & FILTER

- Self Clean Operation
- SUN Filter
- Enzyme Filter
- ANTI-MICRO-BIAL FAN
- RETRACTABLE
- ION

COMFORT & CONVENIENCE

- DRY
- HI POWER
- Silent
- Weekly timer
- 24h Timer
- Sleep
- On/Off Timer
- Comfort
- Preset
- LED Brightness Adjustment
- Positioning of installation
- AUTO
- Child Lock

OTHERS

- Self Diagnostic
- Auto Restart
- BACK-UP SWITCH
- LOWVOLTage CUTTER
- DC INVERTER

■ SPECIFICATIONS (Indoor unit)

ITEM	MODEL		SRK10YVS-W7	SRK13YVS-W	SRK18YVS-W	SRK24YVS-W
Cooling Capacity		kW	2.5	3.5	5.0	7.1
Sound Pressure Level (Hi/Me/Lo/ULo)		[dB(A)]	39 / 31 / 22 / 19	43 / 34 / 27 / 19	43 / 36 / 28 / 22	43 / 40 / 36 / 24
Airflow rate (Hi/Me/Lo/ULo)		[m ³ /min]	10.9 / 8.4 / 5.3 / 4.7	12.3 / 9.1 / 7.0 / 4.7	12.8 / 10.5 / 6.8 / 5.6	20.5 / 18.6 / 16.2 / 10.4
Fan Speed			4 steps	4 steps	4 steps	4 steps
Pipe size	Liquid	mm	Ø6.35	Ø6.35	Ø6.35	Ø6.35
	Gas		Ø9.52	Ø9.52	Ø12.7	Ø15.88
Exterior Dimension (H x W x D)		[mm]	290 x 870 x 230			339 x 1197 x 262
Net Weight		[kg]	10	10	10	15

■ SPECIFICATIONS (Outdoor unit)

ITEM	MODEL		SCM60YS-W	SCM80YS-W
Power Supply			1 Phase, 220-240V, 50Hz	
Cooling Capacity		[kW]	6.0 (1.1~8.4)	8.0 (2.2~10.6)
Power Consumption		[kW]	1.20	1.64
COP		[W/W]	5.00	4.88
Sound Power		[dB(A)]	49 / 50	61 / 54
Exterior Dimension (H x W x D)		[mm]	640 x 850 x 290	750 x 880 x 340
Net Weight		[kg]	49	61
Connectable no. IDU		[kW]	1 ~ 3	1 ~ 4
Max Pipe length (Total / each room)		[m]	40 / 25	70 / 25
Max height diff. (ODU-IDU / IDU-IDU)		[m]	15 / 25	20 / 25
Refrigerant Type			R32	R32
Pipe size (O.D) Liquid		[m]	ø6.35 x 3	ø6.35 x 4
Pipe size (O.D) Gas		[m]	ø9.52 x 3	ø9.52 x 4

COMBINATIONS (with indoor unit SRK10,13,18YVS-W7 type only) - (RATED)

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

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

COMBINATIONS (with indoor unit SRK10,13,18,24YVS-W7 type only) - (RATED)

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

Indoor unit combination		Cooling capacity (kW)							Power consumption (W)			Standard current (A)				
		Room cooling capacity (kW)				Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V		
		A room	B room	C room	D room	Min.	Standard	Max.								
Cooling operation	1 room	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 room	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 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
		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 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
		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
		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
		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
		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
		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
		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
		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
	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	

Outdoor / Indoor Combination Table

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

COMBINATIONS (with indoor unit SRK10,13,18YVS-W7 type only) - FULL LOAD

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

Indoor unit combination	Cooling capacity (kW)							Power consumption (W)			Standard current (A)			
	Room cooling capacity (kW)				Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V	
	A room	B room	C room	D room	Min.	Standard	Max.							
1 room	10	2.50	—	—	—	2.2	2.5	3.5	530	580	830	2.9	2.8	2.7
	13	3.30	—	—	—	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 room	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	2.47	7.02	—	—	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	3.50	5.00	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5
	13 + 24	3.13	6.36	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5
	18 + 18	4.75	4.75	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5
	18 + 24	3.92	5.58	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5
	24 + 24	4.75	4.75	—	—	2.6	8.0	9.5	540	2240	3000	10.4	9.9	9.5
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
	10 + 10 + 13	2.50	2.50	4.32	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	10 + 10 + 18	2.50	2.50	5.00	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	10 + 10 + 24	2.17	2.17	6.16	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	10 + 13 + 13	2.76	3.50	3.50	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	10 + 13 + 18	2.39	3.34	4.77	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	10 + 13 + 24	2.00	2.80	5.69	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	10 + 18 + 18	2.10	4.20	4.20	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	10 + 18 + 24	1.80	3.60	5.11	—	2.8	8.0	10.5	570	2080	3000	9.7	9.3	8.9
	13 + 13 + 13	3.50	3.50	3.50	—	2.8	8.0	10.5	570	2080	3000	9.6	9.2	8.8
	13 + 13 + 18	3.06	3.06	4.38	—	2.8	8.0	10.5	570	2080	3000	9.6	9.2	8.8
	13 + 13 + 24	2.60	2.60	5.29	—	2.8	8.0	10.5	570	2080	3000	9.6	9.2	8.8
	13 + 18 + 18	2.72	3.90	3.90	—	2.8	8.0	10.5	570	2080	3000	9.6	9.2	8.8
4 room	10 + 10 + 10 + 10	2.50	2.50	2.80	2.50	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2
	10 + 10 + 10 + 13	2.40	2.40	2.40	3.37	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2
	10 + 10 + 10 + 18	2.12	2.12	2.12	4.24	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2
	10 + 10 + 10 + 24	1.82	1.82	1.82	5.20	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2
	10 + 10 + 13 + 13	2.20	2.20	3.09	3.09	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2
	10 + 10 + 13 + 18	1.96	1.96	2.75	3.93	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2
	10 + 13 + 13 + 13	2.04	2.85	2.85	2.85	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2
	10 + 13 + 13 + 18	1.83	2.56	2.56	3.66	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2
13 + 13 + 13 + 13	2.65	2.65	2.65	2.65	3.0	8.0	10.6	590	1640	3000	7.8	7.5	7.2	

COMBINATIONS (with indoor unit SRK10,13,18YVS-W7 type only) - FULL LOAD

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

Indoor unit combination	Cooling capacity (kW)						Power consumption (W)			Standard current (A)				
	Room cooling capacity (kW)			Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V		
	A room	B room	C room	Min.	Standard	Max.								
1 room	10	2.50	—	—	—	1.1	2.5	3.5	220	600	800	2.8	2.7	2.7
	13	3.50	—	—	—	1.1	3.5	4.4	220	1060	1300	5.0	4.8	4.8
	18	5.00	—	—	—	1.1	5.0	5.5	220	1750	1900	8.0	7.7	7.7
2 room	10 + 10	2.50	2.50	—	—	1.3	5.0	7.0	250	1150	2000	5.3	5.1	5.1
	10 + 13	2.50	3.50	—	—	1.3	6.0	7.2	250	1500	2200	7.0	6.7	6.7
	10 + 18	2.50	5.00	—	—	1.3	6.0	7.5	250	2040	2300	9.4	9.0	9.0
	13 + 13	3.50	3.50	—	—	1.3	6.0	7.5	250	2040	2300	9.4	9.0	9.0
	13 + 18	3.08	4.40	—	—	1.3	6.0	7.5	250	2040	2300	9.4	9.0	9.0
	18 + 18	3.75	3.75	—	—	1.3	6.0	7.5	250	2040	2300	9.4	9.0	9.0
3 room	10 + 10 + 10	2.50	2.50	2.50	—	1.9	6.0	8.4	350	1200	2300	5.6	5.3	5.3
	10 + 10 + 13	2.47	2.47	3.45	—	1.9	6.0	8.4	350	1200	2300	5.6	5.3	5.3
	10 + 10 + 18	2.10	2.10	4.20	—	1.9	6.0	8.4	350	1200	2300	5.5	5.3	5.3
	10 + 13 + 13	2.21	3.10	3.10	—	1.9	6.0	8.4	350	1200	2300	5.5	5.3	5.3
	10 + 13 + 18	1.90	2.67	3.82	—	1.9	6.0	8.4	350	1200	2300	5.5	5.3	5.3
	13 + 13 + 13	2.80	2.80	2.80	—	1.9	6.0	8.4	350	1200	2300	5.5	5.3	5.3

Outdoor / Indoor Combination Table

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

CONTROL SYSTEM

Wired Remote Control (option)

RC-EX3A

Advanced wired remote control

The RC-EX3A controller enables extensive access to service and maintenance data combined with easy to use full dot LCD backlight display. All settings are changed by tapping the touch screen panel.



- **Economy & Timer:**
Peak cut timer. Home Leave Operation. Energy-saving operation.
- **Comfort:**
Hi power operation. Automatic fan speed. Outdoor silent mode.
- **Convenience:**
Multi language settings. LCD contrast setting. Function switch. External Input/Output Function
- **Service:**
Error code display. Operation data display. Backup Control.

RC-E5

Wired remote control

The RC-E5 controller enables extensive access to service and maintenance technical data combined with easy to use functions and a clear LCD display.



- Weekly timer function as standard
- Timer operation
- Run hour metres to facilitate maintenance checking
- Room temperature controlled by the remote control sensor
- Changeable set temperature ranges

RCH-E3

Simple wired remote control

Designed especially for hotel rooms, the controller's buttons are limited only to the minimum required functions such as ON/OFF, mode, temperature setting and fan speed. It is really simple and easy to use.



- **Up to 16 units :**
It can control up to 16 indoor units with pressing the AIRCON No. button
- **AUTO restart**
This function allows starting the air conditioner automatically when power supply is restored after power failure or by turning on the power switch.

CONTROL OPTION

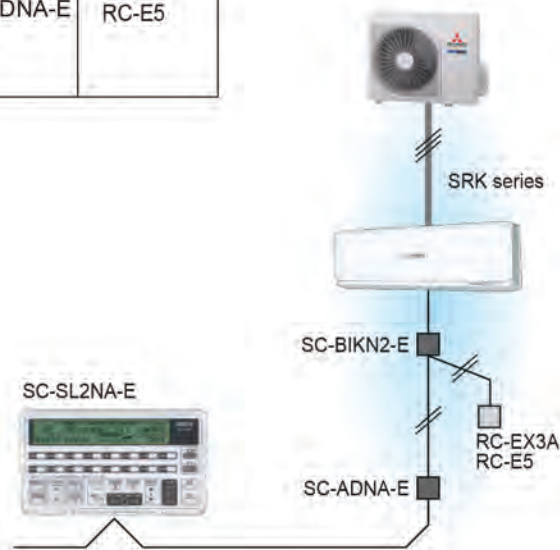
Wired remote control can be connected

Model	Interface	Remote Control
SRK-ZSX	SC-BIKN2-E	RC-EX3A RC-E5
SRK-ZR		
SRK-ZS		
SRK-YVS		



Can be connected to SUPERLINK- II

Model	Interface	Remote Control
SRK-ZSX	SC-BIKN2-E SC-ADNA-E	RC-EX3A RC-E5
SRK-ZR		
SRK-ZS		
SRK-YVS		



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-ZSX	SC-BIKN2-E
SRK-ZR	
SRK-ZS	
SRK-YVS	



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

KM Marketing Pte Ltd

No. 1 Jalan Kilang Timor #08-03 Pacific Tech Centre Singapore 159303

Tel: (65) 6637 9888 Fax: (65) 66379899

Email: aircon@kmgroun.com.sg Website: www.mhaircon.com.sg

Our factories are ISO9001 and ISO14001 certified.

Certified ISO 9001



Certificate Number : JQA-0709



Certificate Number : 4335-2007-AQ-RGC-RVA

Certified ISO 14001



Certificate Number : YKA4005636



Certificate number : 02117E1016PRM

