

Inverter Multi Split Deluxe (Cooling)

SCM SERIES Inverter



Single SRK-YVS-W series can be selected for use as indoor units in the combination with SCM Multi system outdoor unit.

FUNCTIONS

ENERGY SAVING AIR FLOW



CLEAN OPERATION & FILTER



COMFORT & CONVENIENCE



SPECIFICATIONS

SCM Series (Outdoor unit)

		SCM60YS-W		SCM80YS-W	
Outdoor		1 Phase, 220-240V, 50Hz			
Power source					
Cooling Capacity	Cooling	kW	6.0 (1.1~8.4)	kW	8.0 (2.2~10.6)
Power consumption	Cooling	kW	1.20	kW	1.64
COP	Cooling	W/W	5.00	W/W	4.88
Running current		A	5.3	A	7.5
Outdoor unit	Airflow rate	[m³/min]	36.1	[m³/min]	49.4
	Sound pressure level	[dB(A)]	50	[dB(A)]	51
	Exterior dimensions (HxWxD)	mm	640 x 850 x 290	mm	750 x 880 x 340
	Net weight	kg	47.5	kg	60.5
Refrigerant type			R32		R32
Piping size (Liquid/Gas)	mm		ø6.35x3 / ø9.52x3	mm	ø6.35x4 / ø9.52x4
Vertical height differences	m		MAX15	m	MAX20

Inverter Single Split Deluxe (Cooling)

YVS SERIES

SPECIFICATIONS

Single Split (Indoor/Outdoor unit)

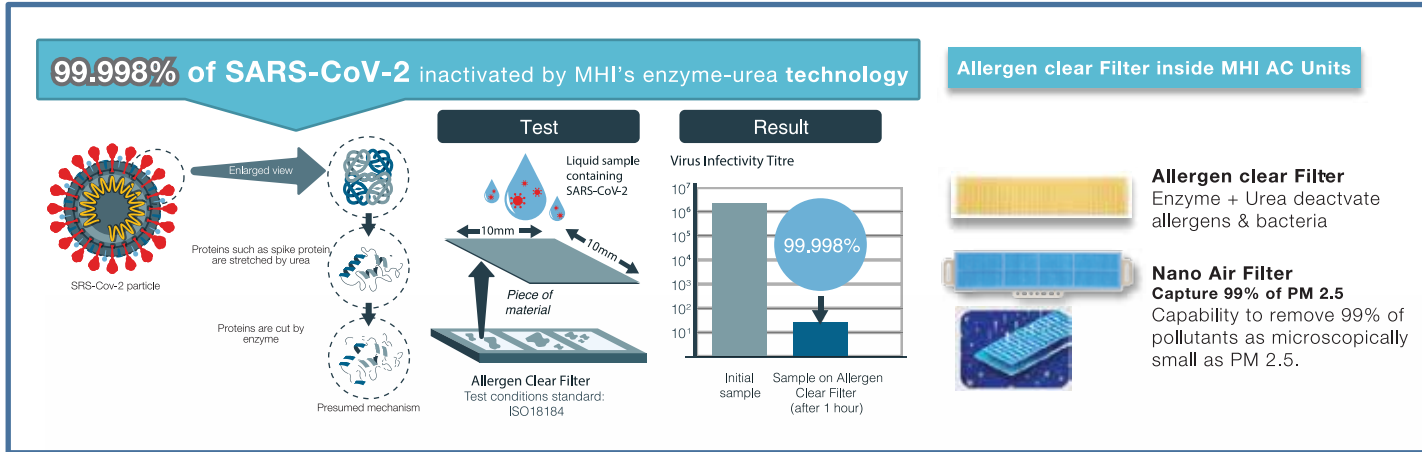
		SRK10YVS-W SRC10YVS-W		SRK13YVS-W SRC13YVS-W		SRK18YVS-W SRC18YVS-W		SRK24YVS-W SRC24YVS-W	
Indoor									
Outdoor									
Power source				1 Phase, 220-240V, 50Hz					
Cooling Capacity	Cooling	kW	2.5	kW	3.5	kW	5.2	kW	7.1
Power consumption	Cooling	kW	0.51	kW	0.82	kW	1.39	kW	1.84
COP	Cooling	W/W	4.90	W/W	4.27	W/W	3.6	W/W	3.86
Running current		A	2.6	A	3.9	A	6.1	A	8.2
Indoor unit	Airflow rate (Hi/Me/Lo)	[m³/min]	10.9 / 8.4 / 5.3	[m³/min]	12.3 / 9.1 / 7.0	[m³/min]	12.8 / 10.5 / 6.8	[m³/min]	20.5 / 18.6 / 16.2
	Sound pressure level (Hi/Me/Lo)	[dB(A)]	39 / 31 / 22	[dB(A)]	43 / 34 / 27	[dB(A)]	43 / 36 / 28	[dB(A)]	43 / 40 / 36
	Exterior dimensions (HxWxD)	mm	290 x 870 x 230	mm	290 x 870 x 230	mm	290 x 870 x 230	mm	339 x 1197 x 262
	Net weight	kg	10	kg	10	kg	10	kg	15.5
Outdoor unit	Airflow rate	[m³/min]	26.5	[m³/min]	31.5	[m³/min]	34.5	[m³/min]	55
	Sound pressure level	[dB(A)]	45	[dB(A)]	49	[dB(A)]	47	[dB(A)]	65
	Exterior dimensions (HxWxD)	mm	540 x 780 (+62) x 290	mm	540 x 780 (+62) x 290	mm	640 x 800 (+71) x 290	mm	750 x 880 (+88) x 340
	Net weight	kg	33.5	kg	33.5	kg	40.5	kg	58
Refrigerant type			R32		R32		R32		R32
Piping size (Liquid/Gas)	mm		ø6.35 / ø9.52	mm	ø6.35 / ø9.52	mm	ø6.35 / ø12.70	mm	ø6.35 / ø15.88
Vertical height differences	m		Max.10	m	Max.10	m	Max.15	m	Max.20

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 saloon environment. Pleasw contact our Dealers for Recommendations of appropriate model.

3D AUTO



CLEAN AIR



ION 24-HOUR ION SHEET

Applied models
SRK-YVS-W



Generates the same amount of negative ions as a forest environment

24-hour ION

The air conditioner main body employs a tourmaline-coated sheet. The sheet generates negative ions around the clock. Even when the air conditioner is not running, it generates as many negative ions (2,500~ 3,000/cc) as in a forest, stream or fall does, allowing you to experience them without incurring any electrical charges.

WIRELESS CONTROL SYSTEM



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.

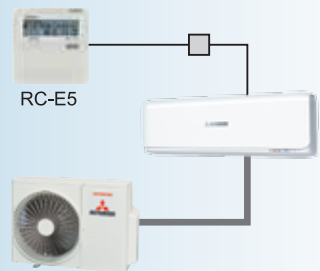
- **Up to 16 units :**
It can control up to 16 indoor units with pressing the AIRCON No. button
- **AUTO restart**
This function allows starting the air conditioner automatically when power supply is restored after power failure or by turning on the power switch.



CONTROL OPTION

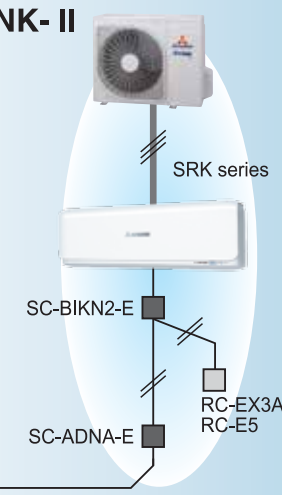
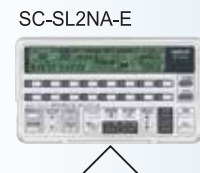
Wired remote control can be connected

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



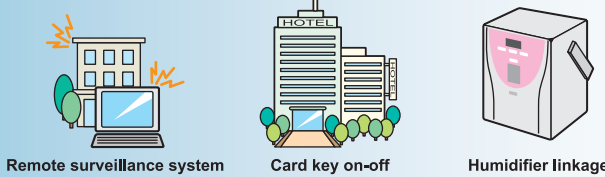
Can be connected to SUPERLINK- II

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



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 SRK-ZR SRK-ZS SRK-YYS	SC-BIKN2-E

* 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.

HIGH TECHNOLOGIES

Our Latest Technologies (ZSX series)
[Outdoor unit]

Propeller fan

Matching a propeller fan with a fan motor has been optimized in order to keep the same capacity as that of previous models with less electrical consumption. Synergy effect with leaf grill has increased efficiency by 5% and quietened the sound.



Serration fan

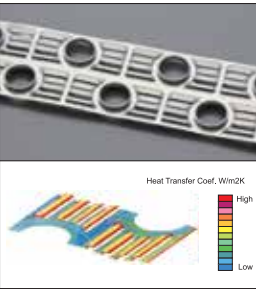
Coated PCB

The printed wiring board of the outdoor unit is coated. It lasts long having a tolerance for humidity.



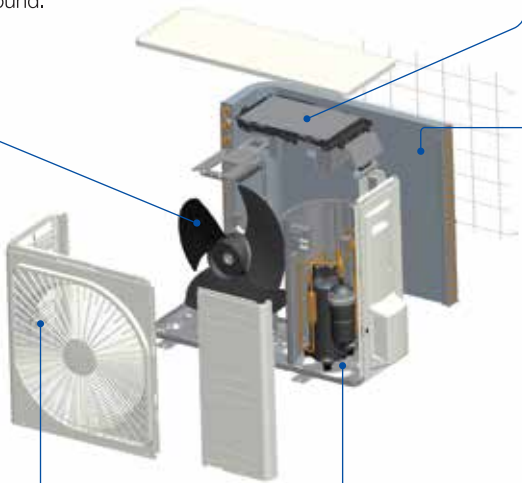
Heat exchanger

Thanks to changing fin configuration from flat sheet to M shape fin, efficiency has increased by 10%. This high dimensional structure provides optimum balance of heat transfer and airflow. (YT Series)



Leaf shape grill

The radial shape grill has been developed in order to send airflow efficiently out unit along the grill. Decreasing the load for motor and propeller fan leads to greater energy efficiency and contributes to quieter sound.



Superior corrosion resistance hot dipping steel sheet

Superior corrosion resistance hot dipping steel sheet is applied at the base of outdoor units. It has superior corrosion resistance and scratch resistance properties compared to conventional materials.

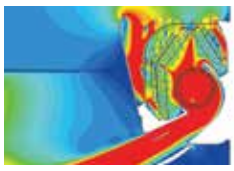


AIRFLOW

Jet Air Technology Quiet Air Flow & Long Reach



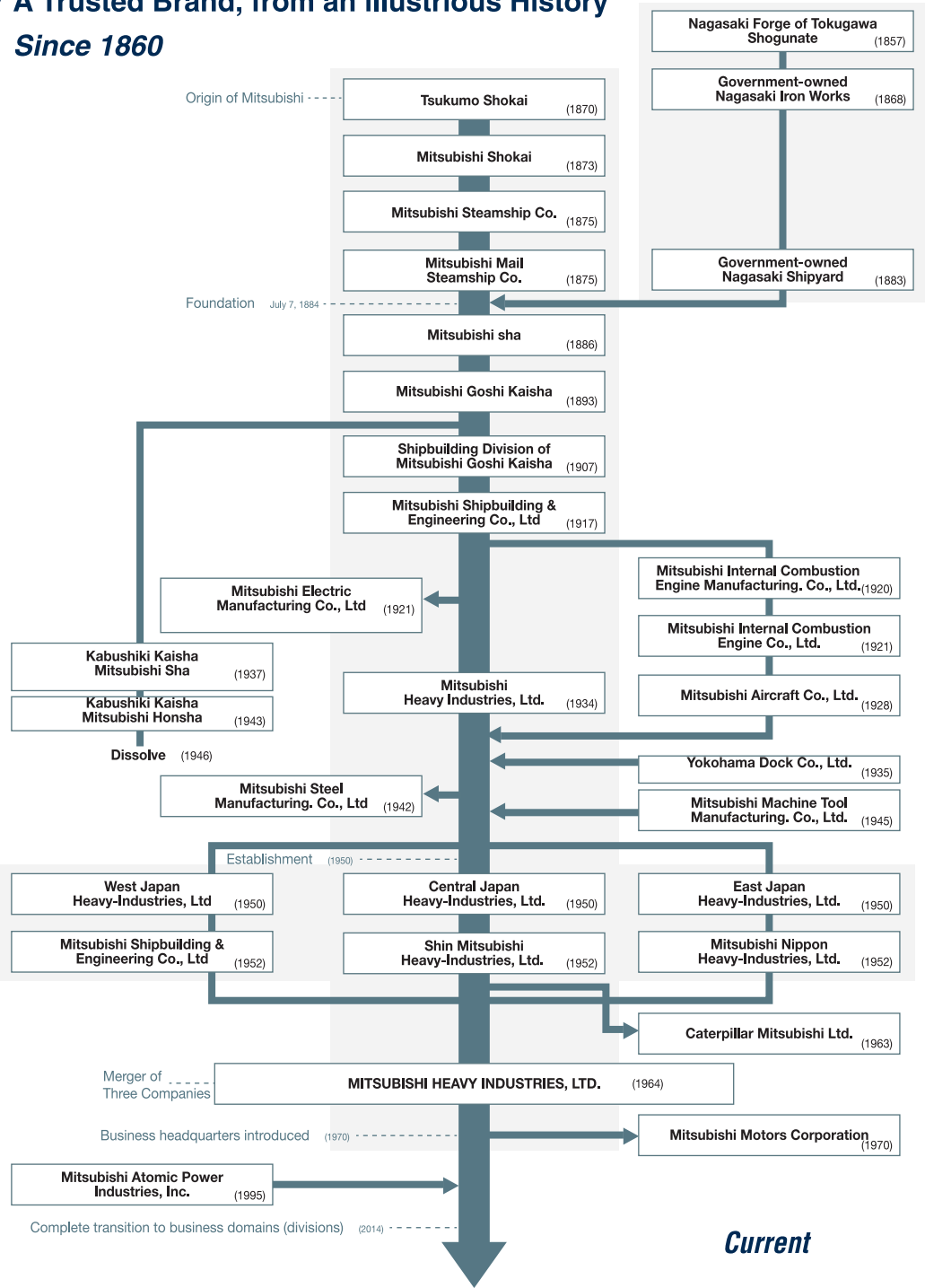
We used the same aerodynamic analysis technology as used in developing jet engines.



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

CFD (Computational fluid dynamics), used in blade shape design of jet engines, has been applied to the design of air channels in air conditioners to develop the ideal air channel system (air circulation). The jet air stream generated by this air channel system can bring large volume air without consuming much power. While at the same time, it delivers a uniform gentle breeze to every corner of the room.

History A Trusted Brand, from an illustrious History
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VRF Inverter Multi Split Air-conditioner



District Cooling Plant In Marina Bay, Singapore Operation since May 2006



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