



# SR Series

Inverter Residential Air Conditioners



MHIAA is proudly sponsoring  
Monika's Doggie Rescue

## SR Series.

Inverter Residential Air Conditioners.



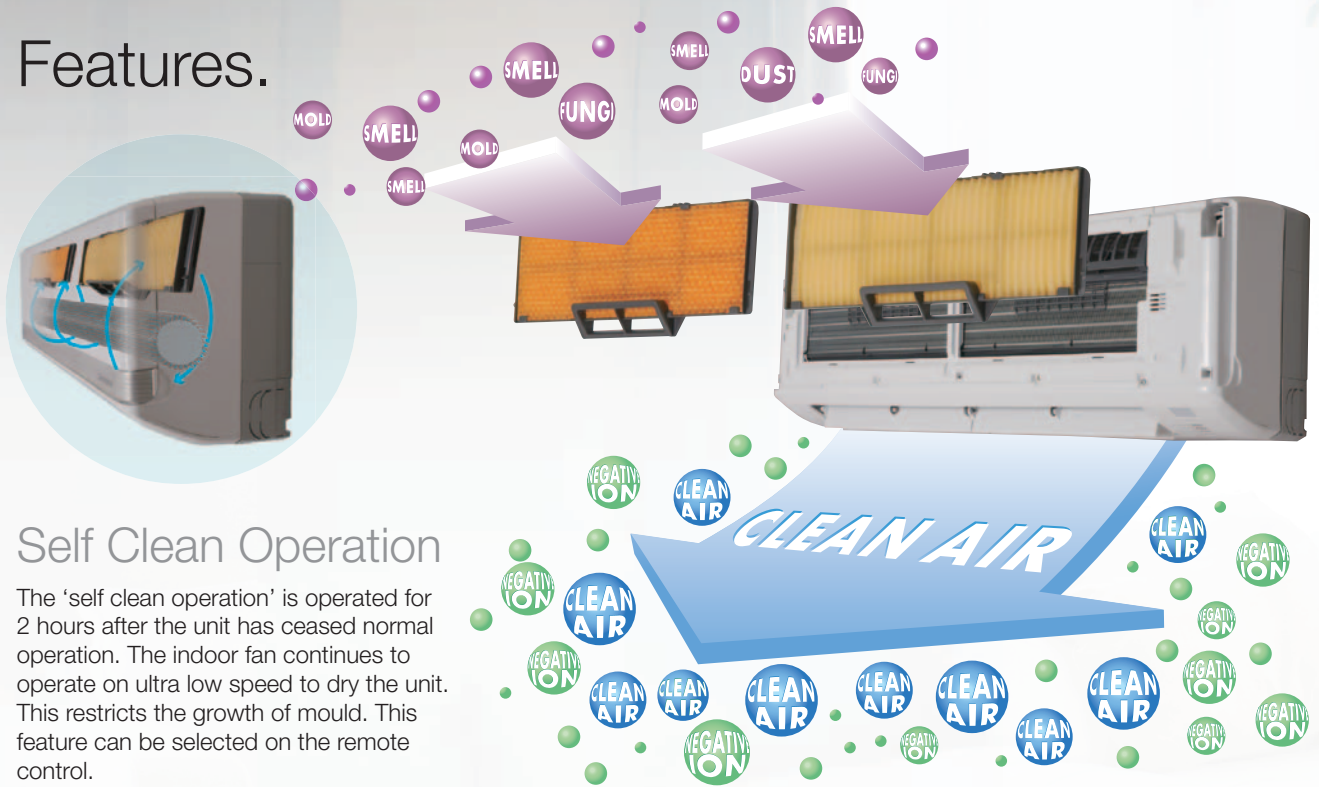
The ideal solution  
for air conditioning

Equipped with an easy to use controller boasting an assortment of convenient functions, filters to clean the air of allergens and odours, a compact stylish design and quiet operation, a Mitsubishi Heavy Industries air conditioner will be a valuable addition to any home. You can rest assured that your family will enjoy the luxury of air conditioned comfort all year round.

The SR range includes capacities from as low as 2.0kW to as high as 9.2kW which means you can air condition the smallest bedrooms to the largest entertainment areas. Priding itself on the reliability of its air conditioners and, with offices across Australia and an extensive network of service agents, Mitsubishi Heavy Industries will keep your air conditioner working perfectly over the years.



# Features.

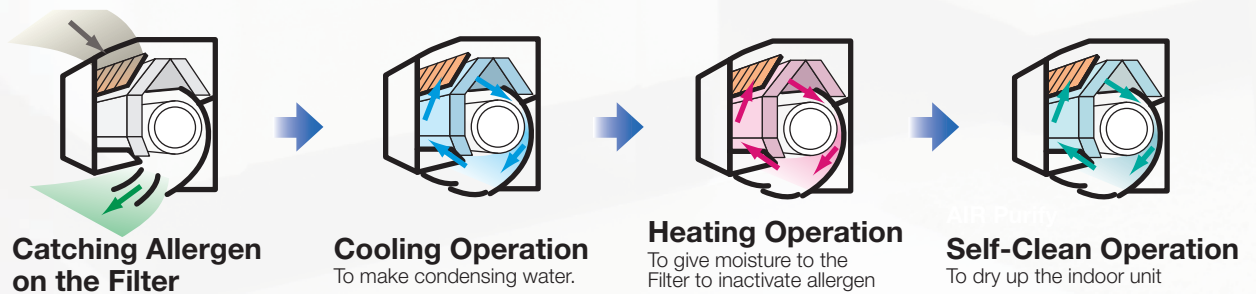


## Self Clean Operation

The 'self clean operation' is operated for 2 hours after the unit has ceased normal operation. The indoor fan continues to operate on ultra low speed to dry the unit. This restricts the growth of mould. This feature can be selected on the remote control.

## Allergen Clear System

The 'Allergen Clear system' suppresses the influence of the allergen caught by the filter by controlling the temperature and humidity.

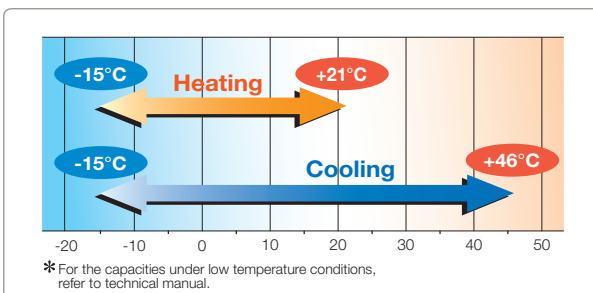


**Catching Allergen on the Filter**

**Cooling Operation**  
To make condensing water.

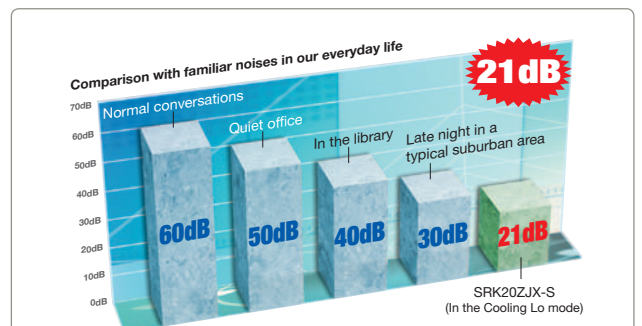
**Heating Operation**  
To give moisture to the Filter to inactivate allergen

**Self-Clean Operation**  
To dry up the indoor unit



## Wide Operation Range

Heating and cooling operations are possible at an outdoor temperature as low as  $-15^{\circ}\text{C}$ . Our advanced technology has improved the heating and cooling operation range. Units can be installed when heating or cooling operations are required at low ambient conditions down to  $-15^{\circ}\text{C}$ .



## Quiet Operation

The secret of quiet operation.

The combination of the jet airflow system and serration stabilizer configuration ensures uniform breeze to every corner of the room. It also makes it possible to lower the operation noise further by minimizing the interaction between airflow and the fan.



SRK50/60ZJX  
(in cooling operation)



15m

SRK63/71ZK/80/92ZL  
(in cooling operation)



17m

## Long Reach Air Flow

The jet technology enables powerful airflow ideal for large living areas and commercial premises, increasing your comfort.

### Silicon-Coated PCB

The printed circuit board of the outdoor unit is coated by silicon. The coating ensures longevity of the board in humid conditions.



### Superior Corrosion Resistance

The base of the outdoor unit is hot dipped to provide superior corrosion and scratch resistance.



### Three Sensors

Control of room temperature and humidity is very important for people to live a comfortable life. Use of three sensors to control indoor temperature, indoor humidity and outdoor temperature enable the unit to obtain optimum air-conditioning.



All SRK & SRF



All SRC

# Inverter Heat Pump (High COP).

## SRK-ZJX

Wall mounted type

### Hyper Inverter



SRK20ZJX-S / SRK25ZJX-S / SRK35ZJX-S / SRK50ZJX-S1 / SRK60ZJX-S1



SRC20ZJX-S SRC25ZJX-S  
SRC35ZJX-S

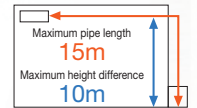


SRC50ZJX-S / SRC60ZJX-S

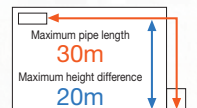


All SRK-ZJX series can be selected for use as indoor units in combination with the SCM Multi system outdoor unit.

#### Refrigerant pipe length



SRK20ZJX-S / SRK25ZJX-S  
SRK35ZJX-S



SRK50ZJX-S1 / SRK60ZJX-S1

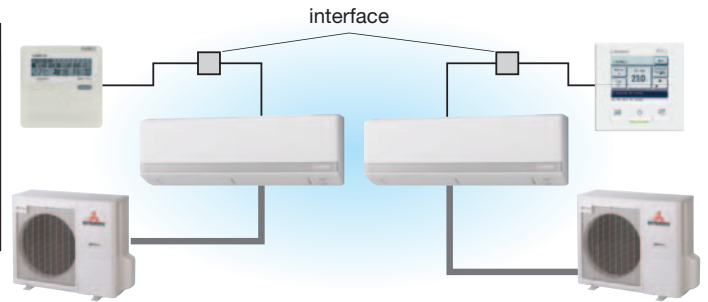


Indoor		SRK20ZJX-S	SRK25ZJX-S	SRK35ZJX-S	SRK50ZJX-S1	SRK60ZJX-S1
Outdoor		SRC20ZJX-S	SRC25ZJX-S	SRC35ZJX-S	SRC50ZJX-S1	SRC60ZJX-S
Power Supply		1 Phase 230V 50Hz				
Capacity	Cooling T1	2.0 (0.9-3.1)	2.55 (0.9-3.2)	3.5 (0.9-4.1)	5.0 (1.1~5.8)	6.0 (1.1~6.8)
	Heating H1	2.5 (0.9-4.3)	3.13 (0.9-4.7)	4.3 (0.9-5.1)	6.0 (0.6~7.7)	6.8 (0.6~8.2)
	Heating H2	3.52	3.79	4.04	6.23	6.50
Input	Cooling T1	0.35 (0.19-0.7)	0.49 (0.19-0.82)	0.845 (0.19-1.01)	1.3 (0.2~1.8)	1.86 (0.2~2.5)
	Heating H1	0.45 (0.23-1.0)	0.595 (0.23-1.12)	0.96 (0.23-1.35)	1.36 (0.2~2.43)	1.67 (0.2~2.70)
	Heating H2	0.984	1.095	1.256	1.95	2.40
Energy Label	Cooling T1	6	5	3	3	1.5
	Heating H1	5.5	5.5	3.5	4	3.5
Energy Star		Yes			No	
EER	Cooling T1	5.71	5.20	4.14	3.85	3.23
COP	Heating H1	5.56	5.26	4.48	4.41	4.07
	Heating H2	3.58	3.46	3.22	3.21	2.71
Sound Power Level (JIS C9612)	Cooling (Outdoor)	60	60	63	63	64
	Heating (Outdoor)	59	60	62	63	64
Sound Pressure Level (JIS C9612)	Cooling (Indoor)	39/30/21	41/31/22	43/33/22	47/40/27	51/41/29
	Heating (Indoor)	38/33/25	41/34/27	42/35/27	48/40/33	48/41/34
Airflow	Cooling (Indoor)	191-133-83	208-150-83	225-158-83	225-183-133	242-208-142
	Heating (Indoor)	200-158-116	216-166-125	233-183-133	283-241-175	292-250-183
External Dimensions (HXWXD)	Indoor	309X890X220				
	Outdoor	595X780(+62)X290			640X800(+71)X290	
Net Weight	Indoor	15				
	Outdoor	38			45	
Refrigerant Piping	Liquid Line	Ø6.35				
	Gas Line	Ø9.52			Ø12.7	
	Connection Method	Flare connection				
Refrigerant R410A	Quantity	1.2			1.5	
	Pre Charged To Pipe Length	15				
Clean Filter		Allergen Clear & Photocatalytic Washable Deodorizing Filter				

# Control Options.

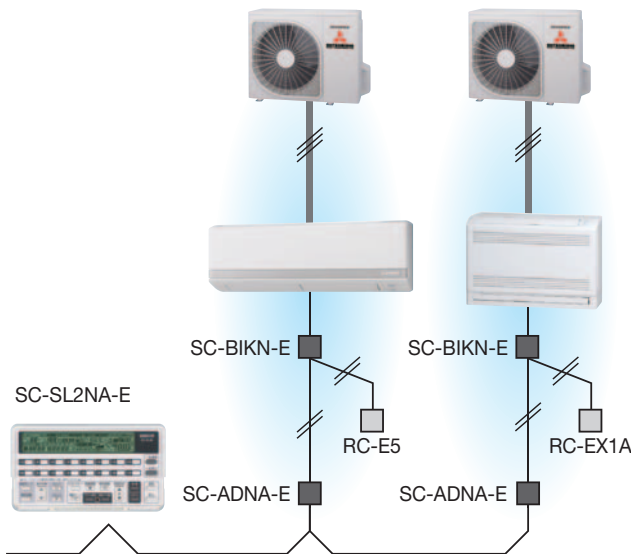
## Wired remote control can be connected

Model	Interface	Remote Control
SRK63/71ZK-S SRK80/92ZL-S SRK20~60ZJX-S SRK20~50ZJ-S/S1	SC-BIKN-E	RC-E5 RC-EX1A

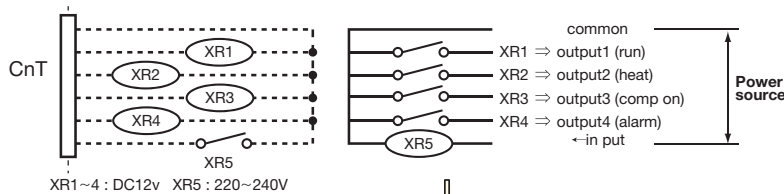


## Can connect to SUPERLINK-II

Model	Interface	Remote Control
SRK20~60ZJX-S SRK20~50ZJ-S/S1 SRF25/35/50ZJX-S	SC-BIKN-E SC-ADNA-E	RC-E5 RC-EX1A



## CnT terminal is equipped



Model	Interface
SRK63/71ZK-S SRK80/92ZL-S SRK20~60ZJX-S SRK20~50ZJ-S/S1	SC-BIKN-E

# Functions.

## Filter



### Allergen Clear Filter

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



### Photocatalytic Washable Deodorizing Filter

It keeps air fresh by deodorizing the molecules causing odor. The deodorizing ability can be easily restored simply by cleaning and exposing the filter to the sunlight.



### Natural Enzyme Filter

Enzymes used in the filter are naturally occurring lytic enzymes which attack cell walls of microorganisms trapped on the filter and destroy them.



See details on page 2.

## Comfortable Functions



### Fuzzy Auto Mode

Automatically the unit determines its operating mode and temperature setting based on a fuzzy calculation and adjusts the inverter frequency.



### Automatic Operation

The air conditioner automatically selects from heating, cooling or dry operation.



### "HI POWER" Operation

The unit can operate continuously in HI POWER mode for 15 minutes. This mode is used to reach the desired temperature quickly.



### Three "Hot" System

'Hot start' enables the unit to begin heating operation quickly.  
'Hot spurt' is a fast heating system that works to increase the temperature setting by two degrees.  
'Hot keep' is used during the automatic defrost cycle to prevent cool air being circulated.  
These three operational control systems help ensure comfortable and efficient heating.

## Comfortable Air Flow Functions



### 3D Auto

You can choose the best heating or cooling pattern with the touch of a button.



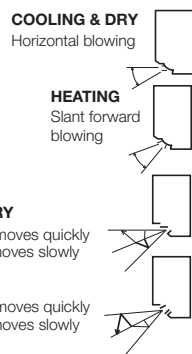
### Auto Flap Mode

The unit automatically selects the optimal angle whatever the operation mode.



### Air Scroll

The swing of the flap causes the air flow to spiral and the breeze to reach all corners of the room.



**COOLING & DRY**  
Thick line — : moves quickly  
Thin line — : moves slowly

**HEATING**  
Thick line — : moves quickly  
Thin line — : moves slowly



### Memory Flap

While the flap is swinging it can be stopped at any angle. The flap returns to this position next time the unit starts.



### Up/Down Flap Swing

The Up/Down flap can be adjusted to the preferred angle anywhere between horizontal and perpendicular.

### SWING FLAP

Flap moves up and down continuously.



### Lateral Swing

The louver swings from right to left automatically. Louver angle can be fixed in any desired position.



### Air Outlet Selection

Both lower and upper air outlets and upper air outlet can be selected. (SRF models only)



### Positioning of Installation

You can set the left-right air flow directions when you install the air conditioner near the side wall by remote controller operation.

## Convenience & Economy Functions



### On Timer

This enables the operation to start a little earlier so that the room is near to the set temperature at ON time.



### Economy Mode

The unit achieves effective energy saving operation while still keeping a comfortable cooling or heating operation.



### Dry Operation

The unit dehumidifies the room by intermittent cooling operation.



### 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 start or stop the system at the specified time of the day repeatedly.



### Off Timer

The unit stops at the specified time.



### Sleep Mode

The room temperature is automatically controlled during the set sleep mode period ensuring that the room temperature will not get too hot or cold.

## Maintenance & Prevention Functions



### Microcomputer-Operated Defrosting

This function automatically eliminates frost and helps minimize excessive operation in other modes.



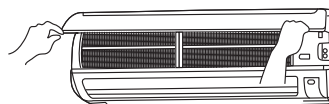
### Self-Diagnostic Function

If the air conditioner malfunctions an internal microcomputer runs a self diagnosis. Inspection and repair should be performed by authorized dealers.



### Detachable Indoor Air Inlet Panel

The air inlet panel on the indoor unit opens and closes easily making filter cleaning simple. The suction panel can be easily removed.



When removing the air inlet panel for internal cleaning or other reasons, open the grill by 65 degrees and then pull it to the side.

## Others



### Back-up Switch

On the indoor unit there is a back up on/off switch. The system will operate in the previous mode.



### Auto Restart Function

Power blackout auto restart function records the operational status of the air conditioner immediately prior to being switched off by a power supply interruption. The unit automatically resumes operations in the mode and temperature set point after the power has been restored.



### 24-hour ION

The air conditioner body has a tourmaline coated sheet. Negative ions (2,500 -3,000/cc) are generated when the air conditioner is not running, allowing you to experience them without incurring any electrical cost.



### Luminous Button

With wireless "Luminous" remote controls that even "glow in the dark", it is possible to operate all desired functions of the unit with the click of a button.



## Before starting use

### Heating performance

The heating performance values (kW) described in catalog are the values obtained by operating at an outdoor temperature of 7C and indoor temperature of 20C as set forth in the ISO Standards. As the heating performance decreases as the outdoor temperature drops, if the outdoor temperature is too low and the heating performance is insufficient, use other heating appliances as well.

### Indication of sound values

The sound values are the values (A scale) measured in a chamber such as an anechoic chamber following the ISO Standards. In the actual installation state, the value is normally larger than the values given in the catalog due to the effect of surrounding noise and echo. Take this into consideration when installing.

### Use in oil atmosphere

Avoid installing this unit in an atmosphere where oil scatters or builds up, such as in a kitchen or machine factory.

If the oil adheres to the heat exchanger, the heat exchanging performance will drop, mist may be generated, and the synthetic resin parts may deform and break.

### Use in acidic or alkaline atmosphere

If this unit is used in acidic atmosphere such as hot spring areas having high level of sulfuric gases or in alkaline atmosphere including ammonia or calcium chloride, places where the exhaust of the heat exchanger is sucked in, or at coastal areas where the unit is subject to salt breezes, the outer plate or heat exchanger, etc., will corrode. Please ask a dealer or specialist when you use an air conditioner in places differing from a general atmosphere.

### Use in places with high ceilings

If the ceiling is high, install a circulator to improve the heat and air flow distribution when heating.

### Refrigerant leakage

The refrigerant (R410A) used for Air conditioner is non-toxic and nonflammable in its original state.

However, in consideration of a state where the refrigerant leaks into the room, measures against refrigerant leaks must be taken in small rooms where the tolerable level could be exceeded. Take measures by installing ventilation devices, etc.

### Use in snowy areas

Take the following measures when installing the outdoor unit in snowy areas.

### Snow prevention

Install a snow-prevention hood so that the snow does not obstruct the air intake port or enter and freeze in the outdoor unit.

### Snow piling

In areas with heavy snow fall, the piled snow could block the air intake port. In this case, a frame that is 50cm or higher than the estimated snow fall must be installed underneath the outdoor unit.

### Automatic defrosting device

If the temperature is low, and the humidity is high, frost will stick to the heat exchanger of the outdoor unit. If use is continued, the heating performance will drop.

The "Automatic defrosting device" will function to remove this frost. After heating for approx, three to ten minutes, it will stop, and the frost will be removed. After defrosting, hot air will be blown again.

### Servicing the air-conditioner

After the air-conditioner is used for several seasons, dirt will build up in the air-conditioner causing the performance to drop. In addition to regular servicing, we recommend the maintenance contract (charged for) by a specialist.

## ⚠ Safety Precautions

### Air-conditioner usage target

The air-conditioner described in this catalog is a dedicated cooling/heating device for human use.

Do not use it for special applications such as the storage of foodstuffs, animals or plants, computer server rooms, precision devices or valuable art, etc.

This could cause the quality of the items to drop, etc.

Do not use this for cooling vehicles or ships. Water leakage or current leaks could occur.

### Before use

Always read the "User's Manual" thoroughly before starting use.

### Installation

Always commission the installation to a dealer or specialist. Improper installation will lead to water leakage, electric shocks and fires.

Make sure that the outdoor unit is stable in installation. Fix the unit to stable base.

### Usage place

Do not install in places where combustible gas could leak or where there are sparks.

Installation in a place where combustible gas could be generated, flow or accumulate, or places containing carbon fibers could lead to fires.

Only persons that are qualified and licensed are permitted to install and service products that contain refrigerants in Australia, go to [www.arctick.org](http://www.arctick.org). Suitable access for service must be provided in compliance with industry standards and local regulations.



MHIAA is proudly sponsoring  
Monika's Doggie Rescue

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## MRE SPARE PARTS

[www.mrespareparts.com.au](http://www.mrespareparts.com.au)

Tel: +61 (0) 2 9600 7444

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### ISO9001

Our Air Conditioning & Refrigeration Systems Headquarters is an ISO9001 approved factory for residential air conditioners and commercial-use air conditioners (including heat pumps).



BINAJIMA PLANT  
Mitsubishi Heavy Industries, Ltd.  
Air-conditioning & Refrigeration Systems Headquarters  
Certified ISO 9001  
Certificate number : JQA-0709



MITSUBISHI HEAVY INDUSTRIES-  
MAHAJAK AIR CONDITIONERS CO., LTD.  
Certified ISO 9001  
Certificate Number : 04100 1998 0813

### ISO14001

Our Air Conditioning & Refrigeration Systems Headquarters has been assessed and found to comply with the requirements of ISO14001.



BINAJIMA PLANT  
Mitsubishi Heavy Industries, Ltd.  
Air-conditioning & Refrigeration Systems Headquarters  
Certified ISO 14001  
Certificate number : JQA-EM0256



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MAHAJAK AIR CONDITIONERS CO., LTD.  
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