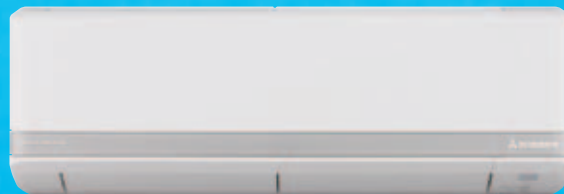




# Eco-lution

High Performance Air-Conditioning



**SR**series

Residential Air Conditioners



# SRK ZJX

Wall Mounted type

**COP 5.71**

SRK20ZJX-S  
( in the cooling operation )

**3D AUTO**

Programmed air distribution

**Sophisticated design**

**Quiet operation**



# Eco-lution

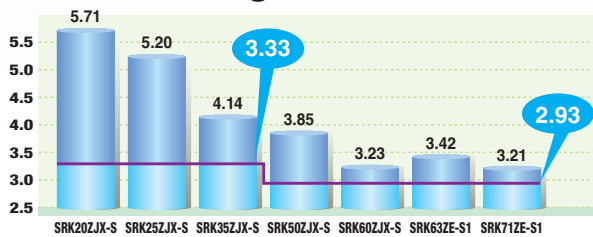
Industry leading energy efficiency and reliability from our advanced technology.



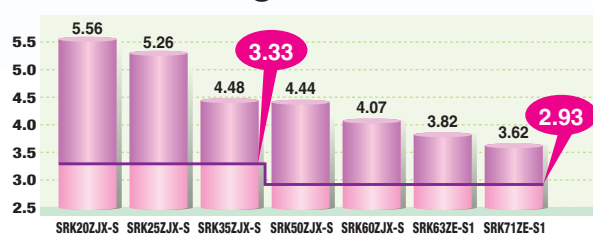
## Industry's leading EER & COP levels

The ZJX & ZJ series clear the 2011 MEPS.

### EER in Cooling



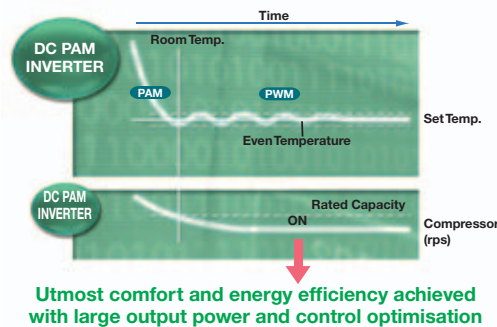
### COP in Heating



## DC PAM inverter

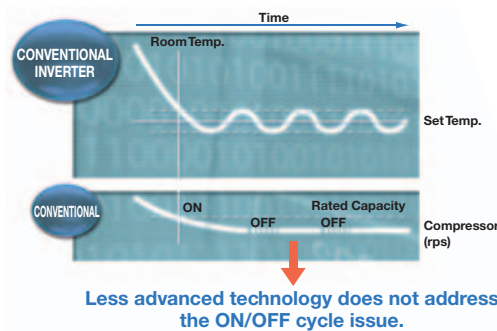
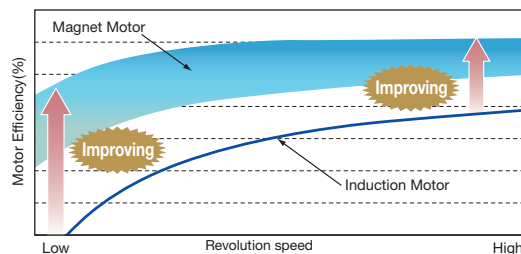
An inverter system has a number of advantages over a constant speed system. Its variable speed compressor outputs can ensure quick cooling or heating after start up and attains a set temperature more quickly. The air conditioner can slow down the compressor speed to save energy whilst keeping comfortable conditions. The compressor is DC motor driven so it provides superior performance.

Applied models  
All inverter models



Applied models  
All inverter models  
(except SRK-ZE)

## DC compressor motor



## New Inverter Control (Vector control)

New Inverter Control has applied the new advanced technology of Vector control enabling:-

- Smooth operation from low to high speed
- Smooth Sine Voltage Wave form is achieved
- Energy efficiency has improved in low speed range

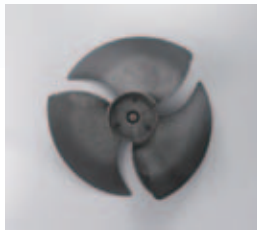


## Our Latest Technologies

Applied to all inverter models

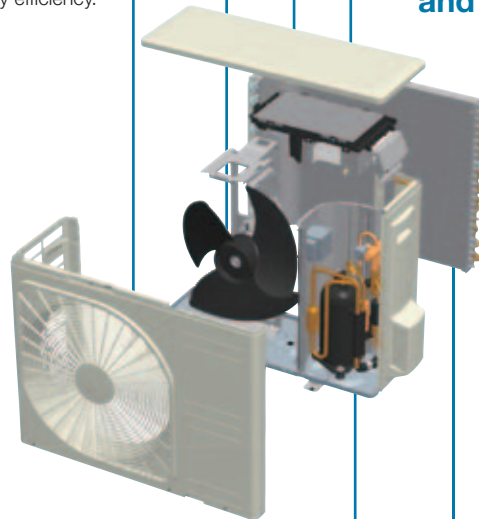
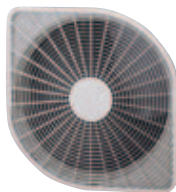
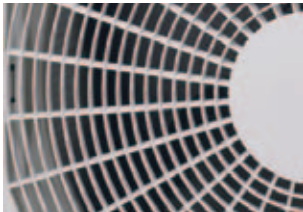
### New propeller fan

The new propeller fan was carefully matched with a fan motor in order to keep the same capacity as that of previous models with less electrical consumption. In synergy with the leaf shape grill has seen an improvement of energy efficiency and a decrease of sound level. (SRC50/60ZIX-S)



### Energy saving leaf shape grill

The leaf shape grill was developed in order to maximize natural air flow sent by the propeller fan along the grill. The airflow is very smooth with minimum air resistance. This has lead to a decreased fan motor load and improvement of energy efficiency.



### 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.



### High efficiency scroll compressor. Low vibration and low sound level

By using a scroll compressor there has been an improvement of energy efficiency. Lower vibration and lower sound level have been achieved. Further improvement of efficiency was realized by use of a neodymium magnet applied in the compressor motor. (SRC50/60ZIX-S)



photo is composite image

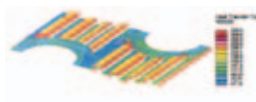
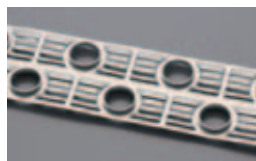
### Superior corrosion resistance

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



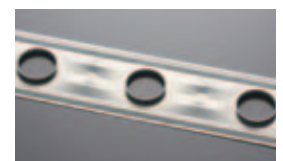
### Indoor unit

A combination of fin configuration and copper tube has enabled maximum air flow while keeping the same size width of the indoor unit. Efficiency rate of heat exchanger has been improved compared with previous models. The new fin design allows maximum air flow and saving energy.

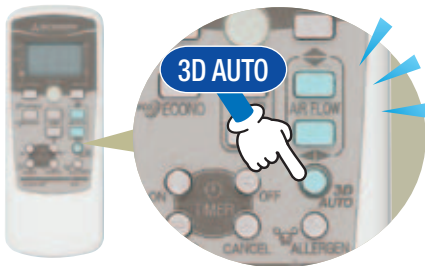
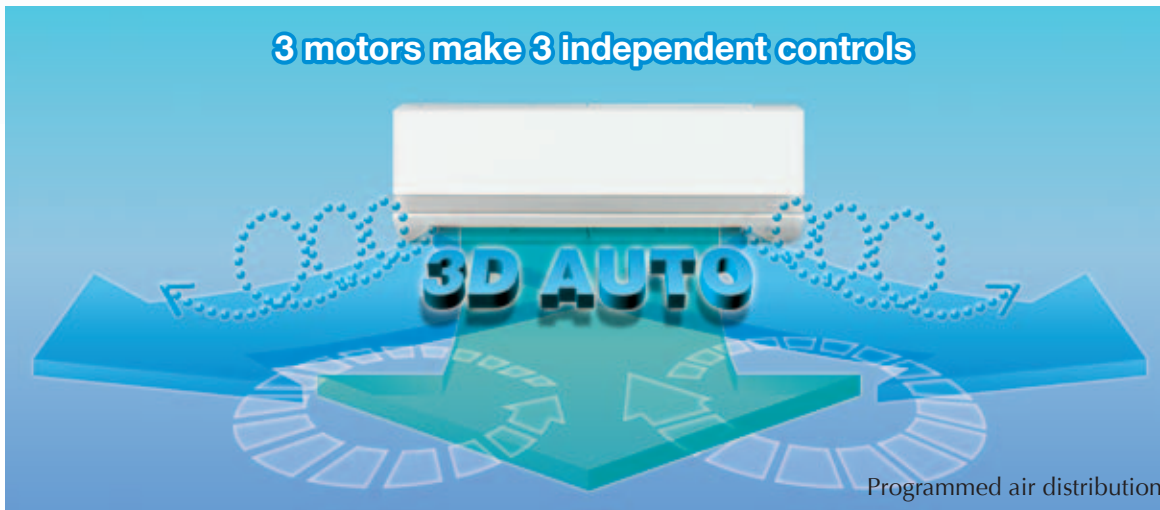


### Outdoor unit

Redesigned by changing the fin configuration from flat sheet to new M shape fin, efficiency has been improved. An optimum balance of heat transfer and air flow has been achieved.



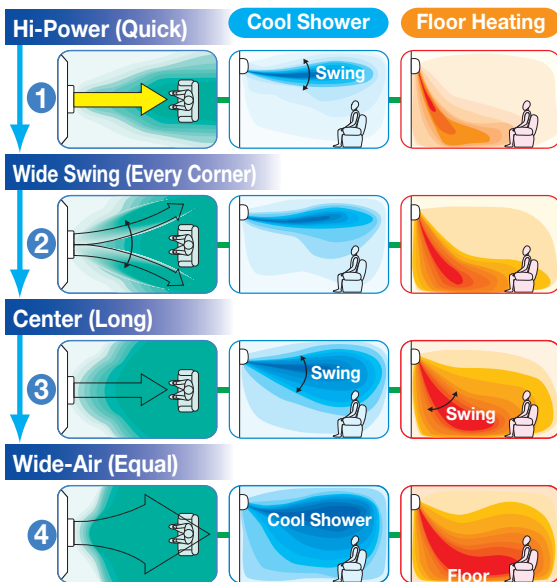
# 3D AUTO Vertical + Horizontal AIR SCROLL



3D AUTO is a one touch programme. Three motors (one vertical working motor + two horizontal working motors) make three independent air flow controls. The airflow is uniform, quiet and reaches at long distance from the indoor unit.

Applied models  
SRK-ZJX, SRK-ZJ  
SRK63/71/80ZE,  
Manual Setting only

## Programmed 3D AUTO

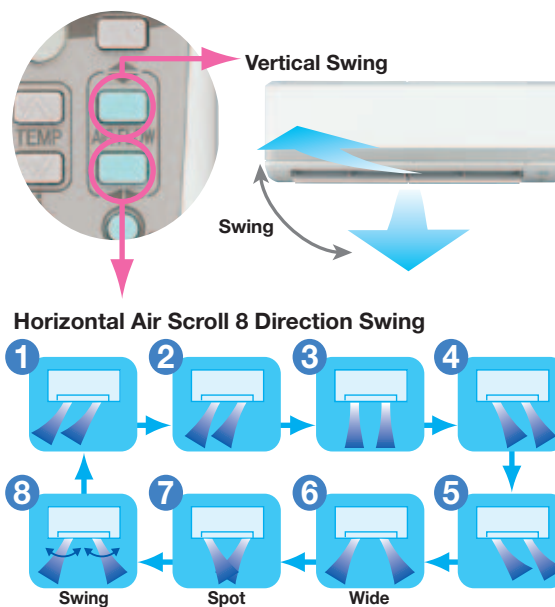


Automatic control of air flow volume and air flow direction enables comfortable air conditioning of the entire room.

In cooling operation, cooled air flows directly to the ceiling not directly onto the occupants of the room. The comfort cooled air flow comes down from the ceiling like a soft shower.

In heating operation, warm air flows to the floor directly and spreads along the floor. The concentration of the warm air at floor level increases comfort.

## Manual Setting



Individual control of right and left louver enables air flow direction from the right and the left side of the unit, setting the most preferable air flow direction and determining whether direct air flow is required or not.

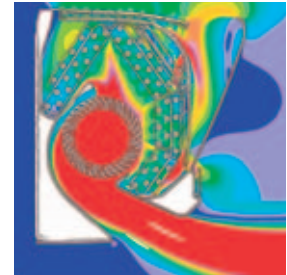
- Applied models  
All SRK

**Aircraft technology was used in the design of the air conditioner's airflow system**

## Jet Air Scroll Long Reach & Silent Air Flow

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

CFD (computational fluid dynamics) is used for blade shape design and air channels for jet engines. The same technology has been used in our air conditioners. The airflow of the jets created in this system enables a large volume of air to be blown with a minimum amount of power consumption. The airflow is uniform, quiet and reaches a long distance from the indoor unit.



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

- Applied models  
SRK50/60ZJX,  
SRK63/71/80ZE

### Long Reach Air Flow

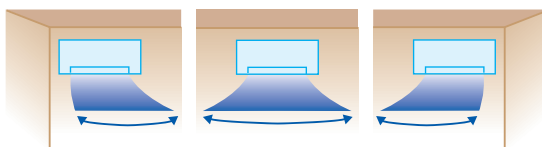
The jet technology enables powerful airflow ideal for large living areas and commercial premises, increasing your comfort.



- Applied models  
SRK-ZJX, SRK-ZJ

### Positioning of Installation

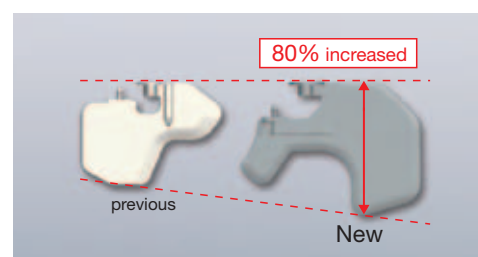
You can set the left-right air flow directions when you install the air conditioner near the side wall by remote controller operation.



- Applied models  
SRK-ZJX

### New louver

The new louver has a new design and shape. It has increased in surface area by 80%. In addition to improved control of the increased air flow volume, it has improved controllability of the right to left swing function.







**Generates the same amount of negative ions as a forest environment**

Applied models  
SRK-ZJX, SRK-ZE



## 24-hour ION

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

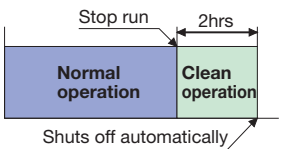
**Keeping the indoor unit clean**

Applied models  
All SRK



## 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.



### Situation of mold after one week

When you don't execute "Self Clean Operation"



When you execute "Self Clean Operation"



**The air in your room is kept fresh**

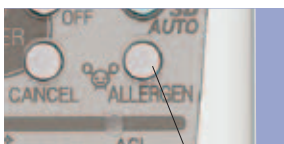
Applied models  
SRK-ZJX, SRK-ZJ  
SRK-ZE

## Allergen Clear system

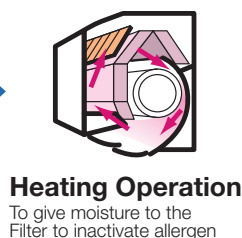
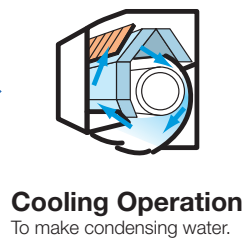
The 'Allergen Clear system' suppresses the influence of the allergen caught by the filter by controlling the temperature and humidity.

**First in the world**

**20 of Patent Pending**



Push ALLERGEN Mode





**This is the original and only technology to control the temperature and humidity for inactivating allergens**

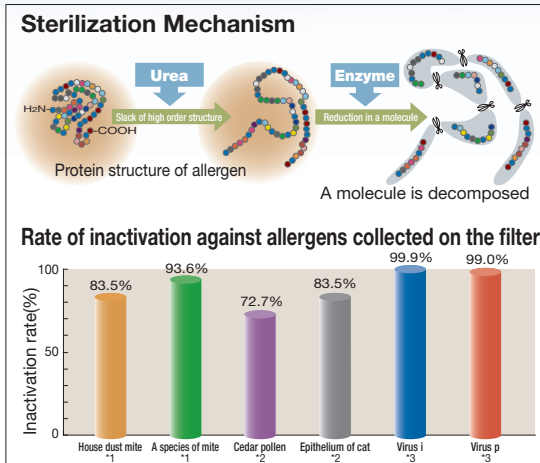
## Allergen Clear Filter

### Enzyme + Urea deactivates allergens and kills bacteria

The allergen clear filter deactivates pollen lice and allergens that live on cat skin etc. The deactivation secret is the Enzyme-urea compound. It deactivates not only allergens but some bacteria, moulds and viruses. Even if allergen, mould, virus or bacteria fly off the filter they are deactivated so the air in your room is kept fresh.



\*1 Test method: ELISA colorimetric method / ELISA fluorescent method  
 Laboratory: Independent administrative agency national hospital mechanism Sagami-hara Hospital, No.1536  
 \*2 Test method: ELISA colorimetric method  
 Laboratory: Independent administrative agency national hospital mechanism Sagami-hara Hospital, No.1536  
 \*3 Test method: TCID (infection value 50%)  
 Laboratory: Foundation of Kitazato Environmental Science Center, No.15-0145

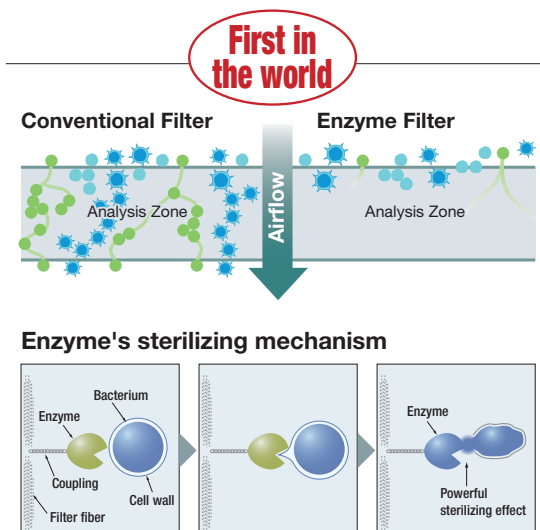


**Helps to destroy fungi and bacteria, also effective on viruses and allergenic compounds (Cat hair, dust mite, pollen etc.)**

## Natural Enzyme Filter

### Enzyme filter

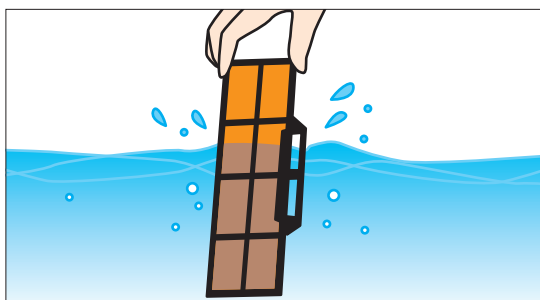
The enzymes used in these filters are naturally occurring lytic enzymes. Lytic enzymes attack cell walls of microorganisms trapped on the filter and destroy them. The Natural Enzyme Filter will clean and sanitize air passing through it.



**The deodorizing ability of this filter can be easily restored simply by cleaning and exposing to the sunlight**

## Photocatalytic Washable Deodorizing Filter

This filter will keep the air fresh by deodorizing the molecules that cause odours. The deodorizing effect can be restored by washing with water and then drying under the sun. This filter maintains its deodorizing effect even after many repeat uses.



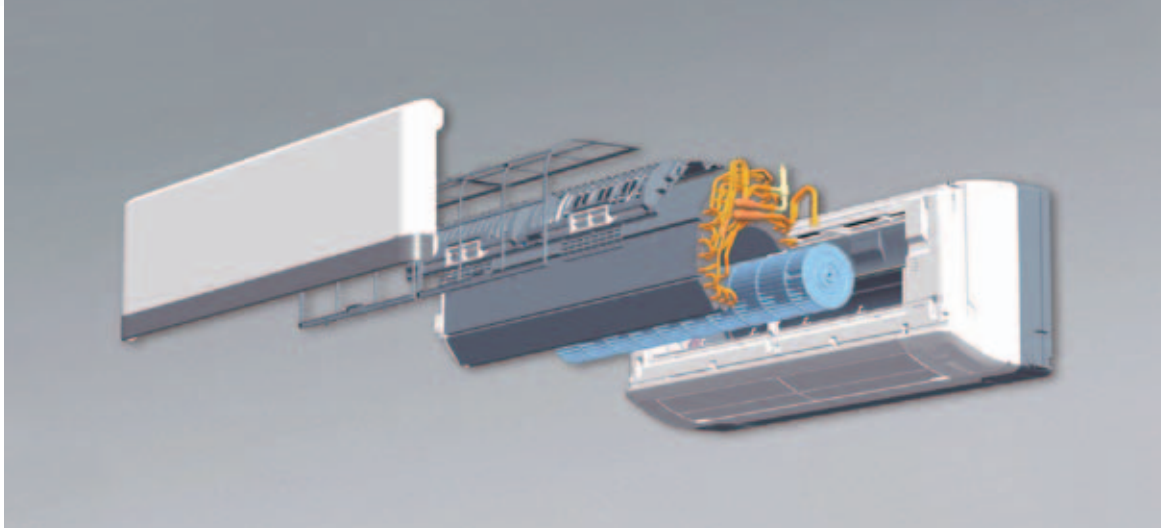
### Used in models

Filter	Indoor Unit	SRK-ZJX	SRK-ZE	SRK-ZJ	SRF-ZJX	SRK-YJ
Allergen Clear Filter		1pc	1pc	1pc	—	—
Natural Enzyme Filter		—	—	—	1pc	1pc
Photocatalytic Washable Deodorizing Filter		1pc	1pc	1pc	1pc	1pc

Anti-microbial specifications and design will deliver cleanliness and safety

Applied models  
AI SRK

## Anti-microbial indoor fan



### Anti-microbial treatment

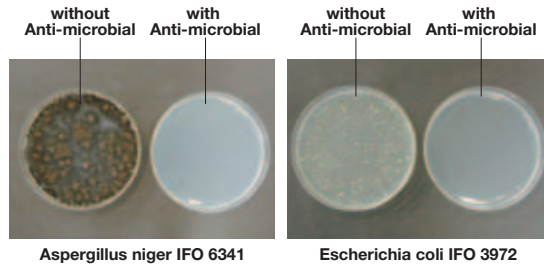
## Anti-microbial indoor fan

The indoor fan has undergone anti-microbial treatment to resist growth of mould and germs. Mould creating odours which can occur when an air conditioner is not in operation are prevented.

·Intestinal bacteria (Escherichia coli IFO 3972)  
 ·Staphylococcus aureus subsp. aureus IFO 12732  
 Testing Authority: Japan Food Analysis Center  
 Test Results Issued: 2004-4-7.  
 Test Report No.: 104034022-001  
 Tests were conducted with reference to the antimicrobial strength tests in JIS Z 2801 2000 "Antimicrobial Products-Antimicrobial Test Method" -5.2  
 Antimicrobial Effects: Test Methods for Plastic Products, etc.  
 ·Aspergillus niger IFO 6341  
 Testing Authority: Japan Food Analysis Center  
 Test Results Issued: 2004-4-23.  
 Test Report No.: 104034022-002  
 Tests were conducted with reference to the antimicrobial strength tests in JIS Z 2801 2000 "Antimicrobial Products-Antimicrobial Test Method" -5.2  
 Antimicrobial Effects: Test Methods for Plastic Products, etc.



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



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

### Live Bacteria Count on Measured Test Pieces

Tested Contaminant	Measurement	Test Pieces	Bacteria Count Per Test Piece		
			Measurement 1	Measurement 2	Measurement 3
Escherichia coli IFO 3972 coli	Immediately after contact	Not treated	1.9×10 <sup>5</sup>	1.6×10 <sup>5</sup>	1.3×10 <sup>5</sup>
	After 24 hrs at 35°C	Test piece 1 Not treated	<10 3.8×10 <sup>6</sup>	<10 4.9×10 <sup>6</sup>	<10 7.2×10 <sup>6</sup>
Staphylococcus aureus	Immediately after contact	Not treated	1.4×10 <sup>5</sup>	1.6×10 <sup>5</sup>	1.3×10 <sup>5</sup>
	After 24 hrs at 35°C	Test piece 1 Not treated	<10 8.6×10 <sup>5</sup>	<10 4.5×10 <sup>5</sup>	<10 3.6×10 <sup>5</sup>
Aspergillus niger	Immediately after contact	Not treated	1.5×10 <sup>4</sup>	2.2×10 <sup>4</sup>	1.6×10 <sup>4</sup>
	After 24 hrs at 35°C	Test piece 1 Not treated	<10 1.0×10 <sup>4</sup>	<10 1.2×10 <sup>4</sup>	<10 2.5×10 <sup>4</sup>

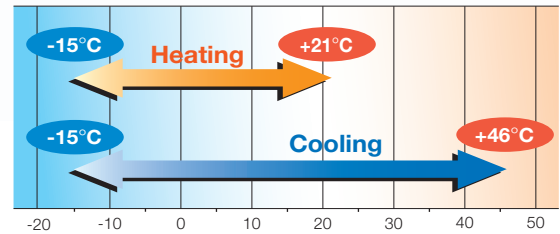
Test Pieces 1) Products with Antimicrobial and Antifungal Treatment

Applied models  
SRK-ZJX, SRK-ZE,  
SRK-ZJ, SRF-ZJX

## Wide Operation Range

**Heating and cooling operations are possible at an outdoor temperature as low as -15°C**

Our advanced technology has improved the heating and cooling operation range. Units can be installed when heating or cooling operation is required at low ambient conditions down to -15°C.



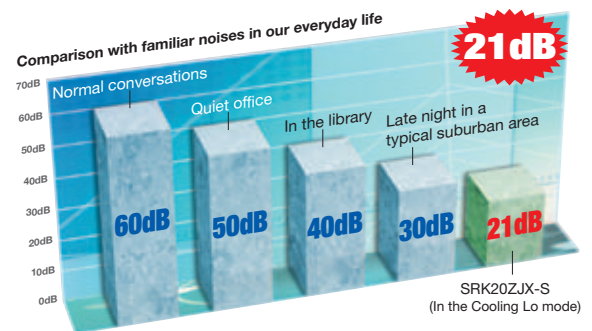
\* For the capacities under low temperature conditions, refer to technical manual.

### Silent airflow and long reach

## Quiet operation

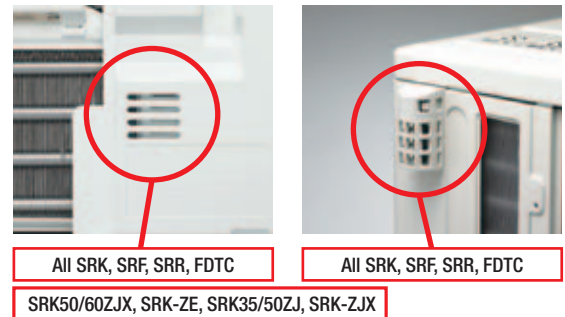
**The secret of quiet operation**

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.



## Three sensors

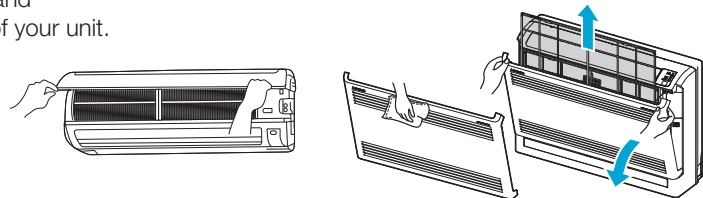
Control of room temperature and humidity is very important for people to live a comfortable life. Use of three sensors to control indoor temperature, indoor humidity and outdoor temperature enable the unit to obtain optimum air-conditioning.



Applied models  
All SRK, SRF

## Washable filter and easy cleaning of the air inlet panel

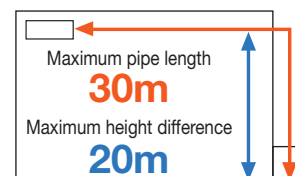
Removing the air filter is quite easy. Keeping the air filter clean is an effective way to save energy and keep the original powerful performance of your unit. The air inlet panel is also removable and can be cleaned easily.





























Applied models  
SRK50/60ZJX,  
SRK-ZE  
SRF-50ZJX








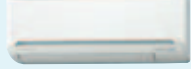



















## Long piping length







Piping length has been extended and design flexibility has been improved.



Model				Capacity Range (kW: Rated cooling capacity)							Page	
				2.0	2.5	3.5	5.0	6.0	6.3	7.1		7.5
HEAT PUMP DC INVERTER	SRK-ZJX											14
	SRK-ZE											16
	SRK-ZJ											17
	SRF-ZJX											18

Model				Capacity Range (kW: Rated cooling capacity)							Page	
				2.0	2.5	3.5	5.0	6.0	6.3	7.1		7.5
COOL ONLY INVERTER	SRK-YJ											24

Model				Capacity Range (kW: Rated cooling capacity)							Page	
				2.0	2.5	3.5	4.0	5.0	6.0	7.1		8.0
INVERTER MULTI	SRK-ZJX											22
	SRK-ZJ											23
	SRF-ZJX											22
	SRR-ZJ											23
	FDTC-VD											23

OUTDOOR UNIT SCM										21
										21



## Filter



### Allergen Clear Filter

The filter break 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 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 8.

## 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' a fast heating system that works to increase the temperature setting by two degrees.

'Hot keep' 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 reach all corners of the room.

**COOLING & DRY**  
Horizontal blowing

**HEATING**  
Slant forward blowing

**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 installed 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 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 that 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.



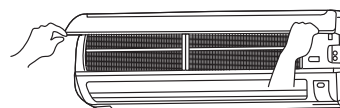
### Self-Diagnostic Function

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 reason, 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 power supply interruption. The unit automatically resumes operations in that 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.



# SRK-ZJX



Wall Mounted type



**NEW**

SRK20ZJX-S, SRK25ZJX-S, SRK35ZJX-S  
SRK50ZJX-S, SRK60ZJX-S

**Single Multi**

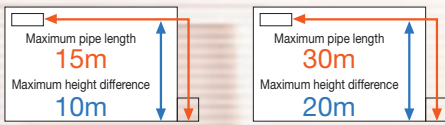
All SRK-ZJX series can be selected for use as indoor units in the combination with SCM Multi system outdoor unit.



SRC20ZJX-S, SRC25ZJX-S, SRC35ZJX-S

SRC50ZJX-S, SRC60ZJX-S

## Refrigerant pipe length



SRK20ZJX-S  
SRK25ZJX-S  
SRK35ZJX-S

SRK50ZJX-S  
SRK60ZJX-S

## FUNCTION



Comfortable Functions



Maintenance & Prevention Functions



Comfortable Air Flow Functions



Convenient & Economy Functions



Others

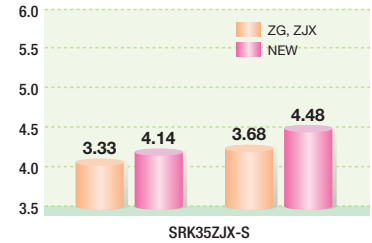
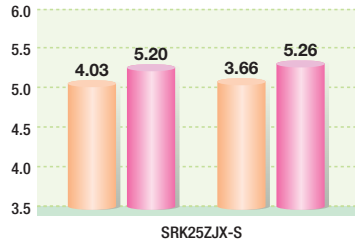
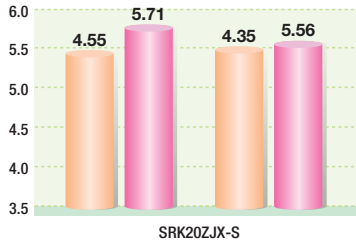


Indoor				SRK20ZJX-S	SRK25ZJX-S	SRK35ZJX-S	SRK50ZJX-S	SRK60ZJX-S
Outdoor				SRC20ZJX-S	SRC25ZJX-S	SRC35ZJX-S	SRC50ZJX-S	SRC60ZJX-S
Power Supply	Outdoor Unit			1 Phase 230V 50Hz				
Capacity	Cooling T1	kW		2.0(0.9-3.1)	2.55(0.9-3.2)	3.5(0.9-4.1)	5.0(0.7-6.2)	6.0(0.8-6.8)
	Heating H1			2.5(0.9-4.3)	3.13(0.9-4.7)	4.3(0.9-5.1)	6.0(0.7-8.8)	6.8(0.8-9.7)
	Heating H2			3.52	3.79	4.04	6.33	6.88
Input	Cooling T1	kW		0.35(0.19-0.7)	0.49(0.19-0.82)	0.845(0.19-1.01)	1.3(0.2-2.2)	1.86(0.25-2.3)
	Heating H1			0.45(0.23-1.0)	0.595(0.23-1.12)	0.96(0.23-1.35)	1.35(0.2-2.26)	1.67(0.25-2.7)
	Heating H2			0.984	1.095	1.256	2.133	2.529
Energy Label	Cooling	Stars		6	5	3	2.5	1.5
	Heating			5.5	5.5	3.5	3.5	3
EER	Cooling T1			5.71	5.20	4.14	3.85	3.23
COP	Heating H1			5.56	5.26	4.48	4.44	4.07
	Heating H2			3.58	3.46	3.22	2.97	2.72
Current	Cooling	Amp		1.8	2.4	3.8	5.7	8.2
	Heating			2.2	2.9	4.4	5.9	7.3
	Recommended Circuit Breaker			16				
Sound Power Level (JIS C9612)	Cooling Outdoor	dB(A)		60	60	63	62	65
	Heating Outdoor			59	60	62	62	65
Sound Pressure Level (JIS C9612)	Cooling Indoor	dB		39/30/21	41/31/22	43/33/22	45/38/26	47/38/26
	Heating Indoor			38/33/25	41/34/27	42/35/27	45/38/32	45/39/33
Airflow	Cooling Indoor	l/s		191-133-83	208-150-83	225-158-83	225-183-133	241-208-141
	Heating Indoor			200-158-116	216-166-125	233-183-134	275-241-175	283-250-183
External Dimensions (HXWXD)	Indoor	mm		309X890X220				
	Outdoor			595X780(+62)X290		640X800(+71)X290		
Net Weight	Indoor	kg		15				
	Outdoor			38		43		
Refrigerant Piping	Liquid Line	mm(in)		Ø6.35(1/4")				
	Gas Line			Ø9.52(3/8")		Ø12.7(1/2")		
	Connection Method			Flare				
Refrigerant R410A	Quantity	kg		1.2		1.4		
	Pre Charged To Pipe Length			15				
Clean Filter			Allergen Clear & Photocatalytic					

# Inverter Heat Pump Model (High COP)

## Industry leading COP levels

Our new models, SRK20/25/35ZJX-S have reached perhaps the highest level of COP (coefficient of performance) in the industry.



## Movable air inlet panel

By applying a movable air inlet panel, minimization of air resistance and advanced design are achieved. Our advanced design featuring a movable air inlet panel minimizes air resistance.

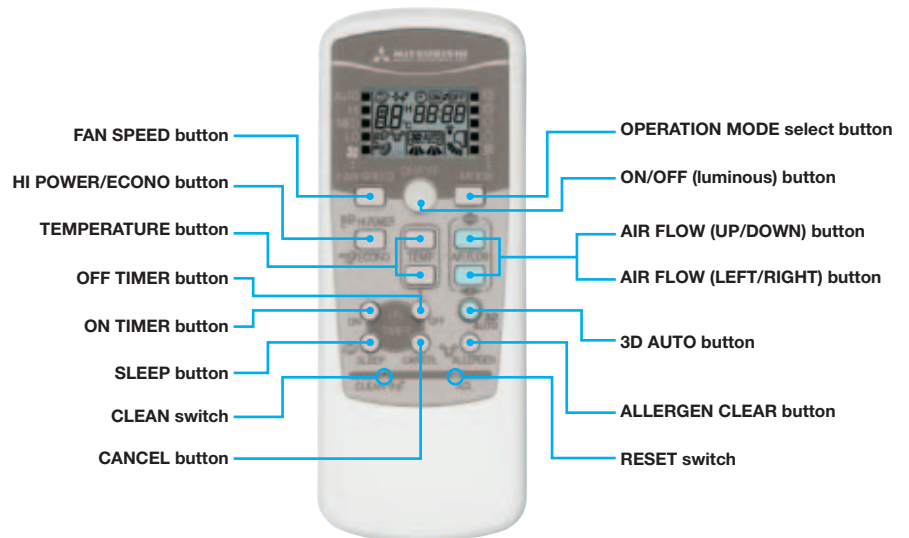
## Unification of indoor unit design

All the ZJX series have the same design for indoor units with a sophisticated flat front panel.



## Remote control

### Operation section





# SRK-ZE

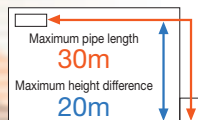


Wall Mounted type



SRK63ZE-S1, SRK71ZE-S1  
SRK80ZE-S2

### Refrigerant pipe length



SRK63ZE-S1  
SRK71ZE-S1  
SRK80ZE-S2



SRC63ZE-S1, SRC71ZE-S1  
SRC80ZE-S2

### FUNCTION



#### Comfortable Air Flow Functions



#### Convenient & Economy Functions



#### Maintenance & Prevention Functions



#### Others



Indoor		SRK63ZE-S1	SRK71ZE-S1	SRK80ZE-S2
Outdoor		SRC63ZE-S1	SRC71ZE-S1	SRC80ZE-S2
Power Supply	Outdoor Unit	1 Phase 230V 50Hz		
Capacity	Cooling T1	6.3(0.9~7.1)	7.1(0.9~8.0)	7.5(0.9~8.4)
	Heating H1	7.1(0.9~9.0)	8.0(0.9~10.5)	9.0(0.9~10.8)
	Heating H2	6.96	7.23	NA
Input	Cooling T1	1.84	2.21	2.45
	Heating H1	1.86	2.21	2.74
	Heating H2	2.40	2.74	NA
Energy Label	Cooling	1.5	1.5	1.5
	Heating	2.5	2	1.5
EER	Cooling T1	3.42	3.21	3.06
COP	Heating H1	3.82	3.62	3.28
COP	Heating H2	2.90	2.64	NA
Current	Cooling	8.0	9.7	10.9
	Heating	8.1	9.7	12.2
	Recommended Circuit Breaker	20		
Sound Power Level (JIS C9612)	Cooling Outdoor	62	67	69
	Heating Outdoor	63	64	69
Sound Pressure Level (JIS C9612)	Cooling Indoor	43-39-33-26	45-40-34-26	46-41-35-26
	Heating Indoor	44-38-32-27	46-40-34-27	46-41-35-27
Airflow	Cooling Indoor	310	333	333
	Heating Indoor	350	375	375
External Dimensions (HXWXD)	Indoor	318X1098X248		
	Outdoor	750X880X340		
Net Weight	Indoor	15		
	Outdoor	59		
Refrigerant Piping	Liquid Line	Ø6.35(1/4")		
	Gas Line	Ø15.88(5/8")		
	Connection Method	Flare		
Refrigerant R410A	Quantity	1.9		
	Pre Charged To Pipe Length	15		
Clean Filter		Allergen Clear & Photocatalytic		





# SRK-ZJ

Wall Mounted type

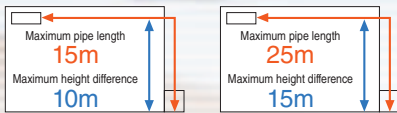


SRK20ZJ-S, SRK25ZJ-S  
SRK35ZJ-S, SRK50ZJ-S



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

### Refrigerant pipe length



SRK20ZJ-S, SRK25ZJ-S  
SRK35ZJ-S

SRK50ZJ-S



SRC20ZJ-S, SRC25ZJ-S  
SRC35ZJ-S



SRC50ZJ-S

### FUNCTION



#### Comfortable Functions



#### Comfortable Air Flow Functions



#### Convenient & Economy Functions



#### Maintenance & Prevention Functions



#### Others



Indoor		SRK20ZJ-S	SRK25ZJ-S	SRK35ZJ-S	SRK50ZJ-S
Outdoor		SRC20ZJ-S	SRC25ZJ-S	SRC35ZJ-S	SRC50ZJ-S
Power Supply	Outdoor Unit	1 Phase 230V 50Hz			
Capacity	Cooling T1	2.0(1.0~2.7)	2.5(1.0~2.9)	3.5(1.0~3.8)	5.0(1.6~5.5)
	Heating H1	2.7(1.2~3.9)	3.2(1.2~4.2)	4.0(1.3~4.8)	5.8(1.6~6.6)
	Heating H2	3.23	3.26	3.72	5.30
Input	Cooling T1	0.44(0.21~0.77)	0.62(0.21~0.88)	1.01(0.21~1.24)	1.55(0.4~2.2)
	Heating H1	0.62(0.27~1.38)	0.8(0.27~1.36)	1.0(0.29~1.45)	1.59(0.42~2.10)
	Heating H2	1.222	1.185	1.310	2.166
Energy Label	Cooling	4	3	2	1.5
	Heating	3.5	3	3	2.5
EER	Cooling T1	4.55	4.03	3.47	3.23
COP	Heating H1	4.35	4.00	4.00	3.65
	Heating H2	2.64	2.75	2.84	2.45
Current	Cooling	2.4	3.1	4.7	6.8
	Heating	3.1	3.8	4.7	7
Recommended Circuit Breaker		16			
Sound Power Level (JIS C9612)	Cooling Outdoor	59	60	62	61
	Heating Outdoor	58	61	63	63
Sound Pressure Level (JIS C9612)	Cooling Indoor	33-27-21	34-28-21	42-32-22	46-37-26
	Heating Indoor	36-31-24	39-31-24	43-37-25	45-37-31
Airflow	Cooling Indoor	130-93-80	131-100-83	168-106-83	188-130-88
	Heating Indoor	163-105-83	176-108-85	213-156-101	225-170-125
External Dimensions (HXWXD)	Indoor	294X798X229			
	Outdoor	540X780(+62)X290			640X800(+71)X290
Net Weight	Indoor	9.5			
	Outdoor	32		35	42
Refrigerant Piping	Liquid Line	Ø6.35(1/4")			
	Gas Line	Ø9.52(3/8")			Ø12.7(1/2")
	Connection Method	Flare			
Refrigerant R410A	Quantity	0.75		1.05	1.35
	Pre Charged To Pipe Length	15			
Clean Filter		Allergen Clear & Photocatalytic			

# SRF-ZJX



Floor type



SRC25ZJX-S, SRC35ZJX-S SRC50ZIX-S

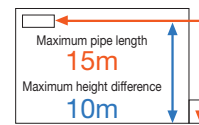


All SRF-ZJX series can be selected for use as indoor units in the combination with SCM Multi system outdoor unit.

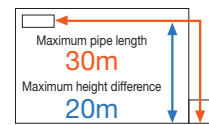


SRF25ZJX-S, SRF35ZJX-S, SRF50ZJX-S

### Refrigerant pipe length



SRC25ZJX-S, SRC35ZJX-S



SRC50ZJX-S

### FUNCTION



#### Comfortable Functions



#### Comfortable Air Flow Functions



#### Convenient & Economy Functions



#### Maintenance & Prevention Functions



#### Others



Indoor			SRF25ZJX-S	SRF35ZJX-S	SRK50ZJX-S
Outdoor			SRC25ZJX-S	SRC35ZJX-S	SRC50ZIX-S
Power Supply	Outdoor Unit		1 Phase 230V 50Hz		
Capacity	Cooling T1	kW	2.5(0.9~3.2)	3.5(0.9~4.1)	5.0(0.7~5.5)
	Heating H1		3.4(0.9~4.7)	4.5(0.9~5.1)	6.0(0.7~7.0)
	Heating H2		3.55	3.92	6.14
Input	Cooling T1	kW	0.521(0.19~0.82)	0.890(0.19~1.26)	1.390(0.2~1.8)
	Heating H1		0.723(0.23~1.2)	1.124(0.23~1.43)	1.540(0.2~2.25)
	Heating H2		1.121	1.325	2.135
Energy Label	Cooling	Stars	4	2.5	2
	Heating		4	3	2.5
EER	Cooling T1		4.80	3.93	3.60
COP	Heating H1		4.70	4.00	3.90
COP	Heating H2		3.17	2.96	2.88
Current	Cooling	Amp	2.5	3.9	6.1
	Heating		3.4	4.9	6.8
	Recommended Circuit Breaker		16		
Sound Power Level (JIS C9612)	Cooling Outdoor	dB(A)	60	63	62
	Heating Outdoor		60	62	62
Sound Pressure Level (JIS C9612)	Cooling Indoor	dB	38-31-26	41-34-28	47-39-30
	Heating Indoor		38-34-28	41-36-31	47-39-32
Airflow	Cooling Indoor	l/s	150-126-96	153-130-106	191-160-110
	Heating Indoor		175-136-110	178-138-123	200-166-126
External Dimensions (HXWXD)	Indoor	mm	600X860X238		
	Outdoor		595X780(+62)X290		640X800(+71)X290
Net Weight	Indoor	kg	18	19	
	Outdoor		38		43
Refrigerant Piping	Liquid Line	mm(in)	Ø6.35(1/4")		
	Gas Line		Ø9.52(3/8")		Ø12.7(1/2")
	Connection Method		Flare		
Refrigerant R410A	Quantity	kg	1.2		1.4
	Pre Charged To Pipe Length		15		
Clean Filter			Enzyme & Photocatalytic		

## Sophisticated Design

With a classy semi flat front panel in chic white, this series fits in all kinds of rooms and creates a relaxing atmosphere. Choice of wall hanging, floor standing or behind gallery installation is available.

## Quiet Operation

The optimum balance of air outlet direction and sufficient air flow volume means the sound level has been minimized. The level of SRF25ZX-S in the cooling lo mode is only 26dB(A).



## Auto air outlet selection

### Heating operation:

When both lower and upper outlets operation and the Auto fan speed mode is selected, the lower outlet will be kept closed for twenty minutes after the start or until room temperature is close to reaching the set point. Then the air outlet will change to both outlets. That state will be maintained until the switch is turned off.

Automatic adjustment of lower air outlet direction prevents stirring up of warm air and keeps optimum comfort at floor level.



### Cooling operation:

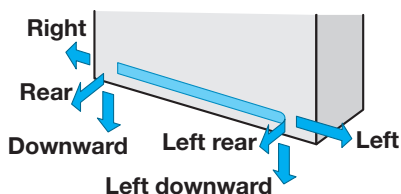
When both lower and upper outlets operation is selected in Cooling or Dry operation, both outlets are kept open for sixty minutes after the start or until room temperature is below set point. Then the air outlet will change to the upper outlet. That state will be maintained until unit is switched off.

In case both outlets operation with Auto fan speed mode is selected, the upper outlet will be kept closed for ten minutes after the start or until room temperature is close to reaching the set point. Then the air outlet will change to both outlets in order to spread comfort air to every corner.



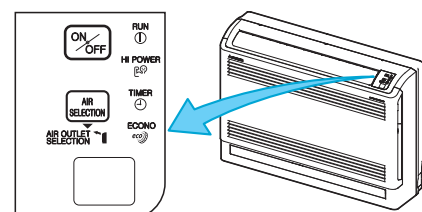
## Installation workability

Piping and drain hose connection can be selected out of 6-directions.



## Convenient to use operation

Besides on/off operation, simultaneous lower and upper air outlets or upper outlet can be selected by the air flow direction button. Further control can be selected on the remote control.





# Inverter Multi-split System



**NEW**

The multi-split system allows a single outdoor unit to service up to four indoor unit configurations. Four different styles of indoor units can connect to a line up of 5 multi circuited outdoor units from 4.0kW to 13.5kW.



ZJX, ZJ  
Wall mounted type **SRK**



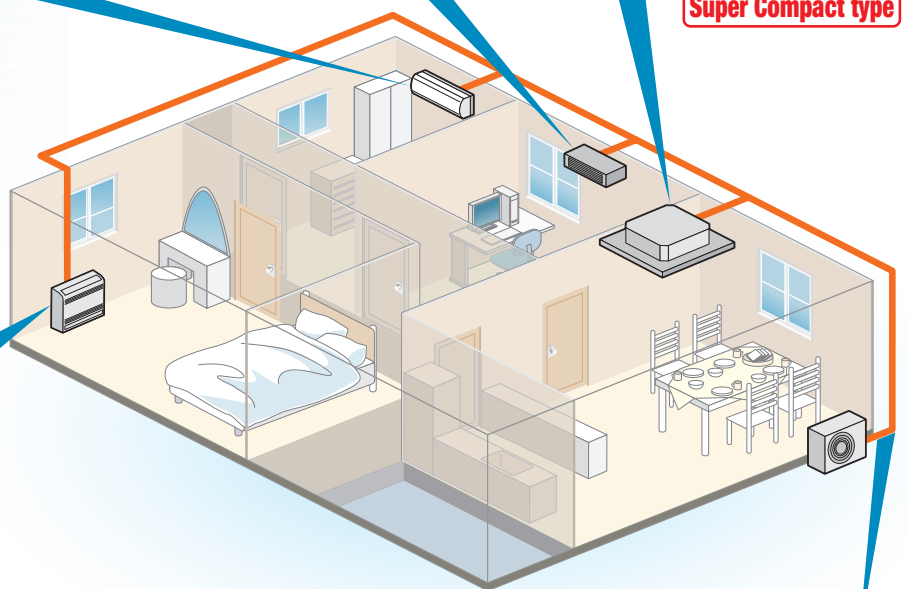
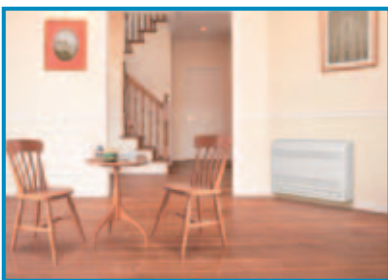
Ceiling concealed type **SRR**



4way ceiling cassette type **FDTC**



Floor type **SRF**



600 x 600  
Super Compact type

Multi circuit  
Refrigerant piping

## OUTDOOR UNIT



SCM40ZJ-S, SCM50ZJ-S  
SCM60ZJ-S



SCM71ZJ-S, SCM80ZJ-S



## Industry Leading COP levels

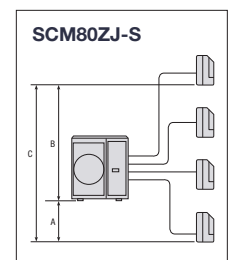
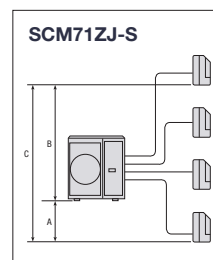
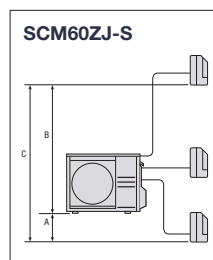
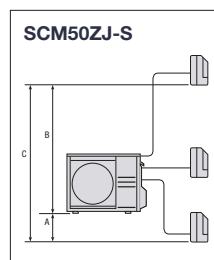
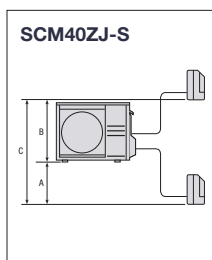
Our new models, SCM40~80ZJ-S have high levels of COP (coefficient of performance). There is a full model change to both the outdoor and indoor (SRK series) units.

The outdoor unit uses new advanced compressors with new inverter control (Vector control) and new M shape fin. Indoor units SRK series are the latest series, and are common to both of single and multi system.

**PIPING LENGTH** - The maximum length and weight of this indoor and outdoor units is shown below.

**Limit** The maximum piping length of the refrigerant pipes for the outdoor units, and the maximum height difference for the outdoor units are as shown below.

		SCM40ZJ-S	SCM50ZJ-S	SCM60ZJ-S	SCM71ZJ-S	SCM80ZJ-S
length for one indoor unit		under 25m	under 25m	under 25m	under 25m	under 25m
total length for all rooms		under 30m	under 40m	under 40m	under 70m	under 70m
height difference	lower installation spot of the indoor unit (A)	under 15m	under 15m	under 15m	under 20m	under 20m
	upper installation spot of the indoor unit (B)	under 15m	under 15m	under 15m	under 20m	under 20m
	maximum height difference of the indoor units (C)	under 25m	under 25m	under 25m	under 25m	under 25m
length of refrigerant pipe		30m	40m	40m	40m	40m



Outdoor			SCM40ZJ-S	SCM50ZJ-S	SCM60ZJ-S	SCM71ZJ-S	SCM80ZJ-S
			2 Rooms	2~3 Rooms		2~4 Rooms	
Power supply			1 Phase 230V 50Hz				
Capacity	Cooling	kW	4.0(1.8~5.9)	5.0(1.8~7.1)	6.0(1.8~7.5)	7.1(1.8~8.8)	8.0(1.8~9.2)
	Heating		4.5(1.4~6.9)	6.0(1.4~7.5)	6.8(1.5~7.8)	8.6(1.5~9.4)	9.3(1.5~9.8)
Input	Cooling	kW	0.84	1.08	1.43	1.74	2.16
	Heating		0.90	1.31	1.51	2.00	2.26
EER	Cooling		4.76	4.63	4.20	4.08	3.70
COP	Heating		5.00	4.58	4.50	4.30	4.12
Current	Cooling	Amp	3.7	4.7	6.5	7.6	9.4
	Heating		4.0	5.8	6.8	8.8	10.0
	Recommended Circuit Breaker		25				
Sound power level (JIS C9612)	Cooling(Outdoor)	dB(A)	60	62	63	65	66
	Heating(Outdoor)		62	65	65	66	66
External dimensions (HxWxD)	Outdoor	mm	640X850X290			750X880X340	
Net weight	Outdoor	kg	47	48	49	62	
Refrigerant piping	Liquid Line	mm(in)	Ø6.35(1/4") X2	Ø6.35(1/4") X3		Ø6.35(1/4") X4	
	Gas Line		Ø9.52(3/8") X2	Ø9.52(3/8") X3		Ø9.52(3/8") X4	
	Union	mm		Ø 9.52~12.7 X1	Ø 9.52~12.7 X2		
	Connection Method		Flare				
Refrigerant R410A	Quantity	kg	2.0	2.5		3.15	
	Pre Charged To Pipe Length	m	30	40			
Indoor unit combination	SRK*ZJ	kW	2.0,2.5&3.5	2.0,2.5,3.5&5.0	2.0,2.5,3.5&5.0		
	SRK*ZJX				2.0,2.5,3.5,5.0&6.0		
	SRF*ZJX		2.5,3.5&5.0				
	SRR*ZJ		2.5&3.5	2.5,3.5&5.0	2.5,3.5,5.0&6.0		
	FDT*VD						
Indoor Unit Connection		Number	2 units	2~3 units		2~4 units	
Indoor Connection Capacity		kW	4.0~6.0	4.0~8.5	4.0~11.0	4~12.5	4~13.5

# Multi System INDOOR UNIT



## SRK-ZJX

Wall mounted type



### FUNCTION

**Comfortable Functions**

Self Clean Operation, Allergen Filter, SUN Filter, Fuzzy, Auto, HI POWER

**Comfortable Air Flow Functions**

3D Auto, Auto Flap, Memory, UP/DOWN, Lateral Swing, Positioning of Installation

**Convenient & Economy Functions**

Economy, DRY, OFF Timer, Sleep, On 24h Timer, On Timer

**Maintenance & Prevention Functions**

MC, Self Diagnostic, Detachable

**Others**

Back-up Switch, Auto Restart, 24h-ON, Luminous

### SPECIFICATIONS

Item	Model	SRK20ZJX-S	SRK25ZJX-S	SRK35ZJX-S	SRK50ZJX-S	SRK60ZJX-S
Cooling capacity	ISO-T1(JIS) kW	2.0	2.5	3.5	5.0	6.0
Heating capacity	ISO-T1(JIS) kW	2.5	3.1	4.5	5.8	6.8
Sound power level *	Cooling dB(A)	53	55	58	60	62
	Heating dB(A)	54	58	59	62	62
Sound pressure level *	Cooling dB(A)	Hi:39 Me:30 Lo:21	Hi:41 Me:31 Lo:22	Hi:43 Me:33 Lo:22	Hi:45 Me:38 Lo:26	Hi:47 Me:38 Lo:26
	Heating dB(A)	Hi:38 Me:33 Lo:25	Hi:41 Me:34 Lo:27	Hi:42 Me:35 Lo:27	Hi:45 Me:38 Lo:32	Hi:45 Me:39 Lo:33
Air flow	Indoor	Cooling l/s	191-133-83	208-150-83	225-158-83	241-208-141
		Heating l/s	200-158-116	216-166-125	233-183-134	275-241-175
Exterior dimensions (H×W×D)	mm	309×890×220				
Net weight	kg	15				
Clean filter		Allergen Clear Filter × 1, Photocatalytic Washable Deodorizing Filter × 1				
Piping	Liquid line	mm(in)	φ 6.35(1/4")			
	Gas line	mm(in)	φ 9.52(3/8")			φ 12.7(1/2")
OUTDOOR UNITS TO BE COMBINED		SCM40,45,50,60,71,80ZJ-S			SCM50,60,71,80ZJ-S	SCM60,71,80ZJ-S

The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27CDB, 19CWB, and outdoor temp. of 35CDB. Heating: Indoor temp. of 20CDB, and outdoor temp. of 7CDB, 6CWB.  
\* Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

## SRF-ZJX

Floor type



### FUNCTION

**Comfortable Functions**

Self Clean Operation, Enzyme Filter, SUN Filter, Fuzzy, Auto, HI POWER

**Comfortable Air Flow Functions**

Auto Flap, Memory, UP/DOWN, Air outlet selection

**Convenient & Economy Functions**

Economy, DRY, OFF Timer, Sleep, On 24h Timer, On Timer

**Maintenance & Prevention Functions**

MC, Self Diagnostic, Detachable

**Others**

Back-up Switch, Auto Restart, Luminous

### SPECIFICATIONS

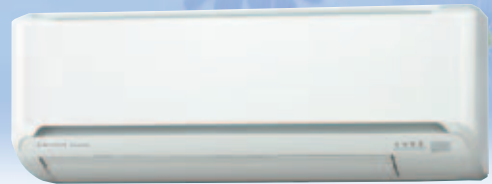
Item	Model	SRF25ZJX-S	SRF35ZJX-S	SRF50ZJX-S
Cooling capacity	ISO-T1(JIS) kW	2.5	3.5	5.0
Heating capacity	ISO-T1(JIS) kW	3.4	4.5	5.8
Sound power level *	Cooling dB(A)	51	52	58
	Heating dB(A)	51	52	58
Sound pressure level *	Cooling dB(A)	Hi:40 Me:32 Lo:26	Hi:41 Me:34 Lo:28	Hi:47 Me:39 Lo:30
	Heating dB(A)	Hi:40 Me:35 Lo:28	Hi:41 Me:36 Lo:31	Hi:47 Me:39 Lo:32
Air flow	Indoor	Cooling l/s	150-126-96	191-160-110
		Heating l/s	175-136-110	200-166-126
Exterior dimensions (H×W×D)	mm	600×860×238		
Net weight	kg	18	19	
Clean filter		Natural Enzyme FilterX1 Photocatalytic Washable Deodorizing FilterX1		
Piping	Liquid line	mm(in)	φ 6.35(1/4")	
	Gas line	mm(in)	φ 9.52(3/8")	
OUTDOOR UNITS TO BE COMBINED		SCM40,50,60,71,80ZJ-S		SCM50,60,71,80ZJ-S

The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27CDB, 19CWB, and outdoor temp. of 35CDB. Heating: Indoor temp. of 20CDB, and outdoor temp. of 7CDB, 6CWB.  
\* Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

Premium Series

# SRK-ZJ

Wall mounted type



Comfortable Air Flow Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



		Model	SRK20ZJ-S	SRK25ZJ-S	SRK35ZJ-S	SRK50ZJ-S
Cooling capacity	ISO-T1(JIS)	kW	2.0	2.5	3.5	5.0
Heating capacity	ISO-T1(JIS)	kW	2.7	3.2	4.0	5.8
Sound power level *	Cooling	dB(A)	49	50	58	61
	Heating	dB(A)	52	55	59	61
Sound pressure level *	Cooling	dB(A)	Hi:33 Me:27 Lo:21	Hi:34 Me:28 Lo:21	Hi:42 Me:32 Lo:22	Hi:46 Me:37 Lo:26
	Heating	dB(A)	Hi:36 Me:31 Lo:24	Hi:39 Me:31 Lo:24	Hi:43 Me:37 Lo:25	Hi:45 Me:37 Lo:31
Air flow	Indoor	Cooling	130-93-80	131-100-83	168-106-83	188-130-88
		Heating	163-105-83	176-108-85	213-156-101	225-170-125
Exterior dimensions (H×W×D)		mm	294×798×229			
Net weight		kg	9.5			
Clean filter			Allergen Clear Filter × 1, Photocatalytic Washable Deodorizing Filter × 1			
Piping	Liquid line	mm(in)	φ 6.35(1/4")			
	Gas line	mm(in)	φ 9.52(3/8")		φ 12.7(1/2")	
OUTDOOR UNITS TO BE COMBINED			SCM40,50,60,71,80ZJ-S			SCM50,60,71,80ZJ-S

# SRR-ZJ

Ceiling Concealed type

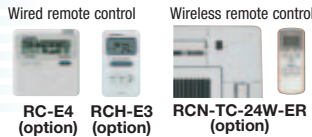


		Model	SRR25ZJ-S	SRR35ZJ-S	SRR50ZJ-S	SRR60ZJ-S
Cooling capacity	ISO-T1(JIS)	kW	2.5	3.5	5.0	6.0
Heating capacity	ISO-T1(JIS)	kW	3.4	4.5	5.8	6.8
Sound power level *	Cooling	dB(A)	54	56	60	63
	Heating	dB(A)	55	57	60	63
Sound pressure level *	Cooling	dB(A)	Hi:40 Me:35 Lo:29	Hi:42 Me:37 Lo:30	Hi:48 Me:42 Lo:33	Hi:51 Me:44 Lo:35
	Heating	dB(A)	Hi:41 Me:38 Lo:31	Hi:43 Me:40 Lo:32	Hi:48 Me:45 Lo:36	Hi:51 Me:47 Lo:38
Air flow Q'ty (Hi)	Cooling	l/s	142	150	175	208
	Heating	l/s	167	183	217	250
Exterior dimensions(H×W×D)		mm	230×740×455			
Net weight		kg	22		23	
Piping	Liquid line	mm(in)	φ 6.35(1/4")		φ 6.35(1/4")	
	Gas line	mm(in)	φ 9.52(3/8")		φ 12.7(1/2")	
OUTDOOR UNITS TO BE COMBINED			SCM40,45,50,60,71,80ZJ-S		SCM50,60,71,80ZJ-S	SCM60,71,80ZJ-S

# FDTC-VD

4way ceiling cassette type

600 × 600  
Super Compact type



Item	Model	FDTC25VD	FDTC35VD	FDTC50VD	FDTC60VD	
Cooling capacity	ISO-T1(JIS)	kW	2.5	3.5	5.0	
Heating capacity	ISO-T1(JIS)	kW	3.4	4.5	5.8	
Sound pressure level *	Cooling	dB(A)	Hi:36 Me:32 Lo:29	Hi:40 Me:36 Lo:30	Hi:42 Me:36 Lo:30	Hi:46 Me:39 Lo:30
	Heating	dB(A)	Hi:38 Me:33 Lo:29.5	Hi:42 Me:35 Lo:32	Hi:42 Me:36 Lo:32	Hi:46 Me:39 Lo:32
Air flow Q'ty (Hi)	Cooling	l/s	150	158	192	225
	Heating	l/s	158	167	192	225
Exterior dimensions (H×W×D)	Main unit	mm	248×570×570			
	Panel	mm	35×700×700			
Net weight	Main unit	kg	15			
	Panel	kg	3.5			
Piping	Liquid line	mm(in)	φ 6.35(1/4")		φ 6.35(1/4")	
	Gas line	mm(in)	φ 9.52(3/8")		φ 12.7(1/2")	
OUTDOOR UNITS TO BE COMBINED			SCM40,45,50,60,71,80ZJ-S		SCM50,60,71,80ZJ-S SCM60,71,80ZJ-S	

# SRK-YJ

Wall Mounted type



SRK10YJ-S, SRK13YJ-S, SRK18YJ-S



SRC10YJ-S, SRC13YJ-S

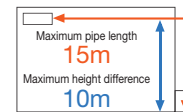


SRC18YJ-S

## FUNCTION



## Refrigerant pipe length



SRK10YJ-S  
SRK13YJ-S  
SRK18YJ-S

Indoor			SRK10YJ-S	SRK13YJ-S	SRK18YJ-S
Outdoor			SRC10YJ-S	SRC13YJ-S	SRC18YJ-S
Power Supply	Outdoor Unit		1 Phase 230V 50Hz		
Capacity	Cooling T1	kW	2.50	3.50	5.00
Input	Cooling T1	kW	0.70	0.99	1.56
Energy Label	Cooling	Stars	2.5	2	1.5
EER	Cooling T1		3.57	3.54	3.21
Current	Cooling	Amp	3.4	4.5	7.1
	Recommended Circuit Breaker			16	
Sound Power Level (JIS C9612)	Cooling Outdoor	dB(A)	59	60	62
Airflow	Cooling Indoor	l/s	133	167	183
External Dimensions (HXWXD)	Indoor	mm	268x790x213		
	Outdoor		540x780(+62)x290		640x800(+71)x290
Net Weight	Indoor	kg	8.5		
	Outdoor		32	33	44
Refrigerant Piping	Liquid Line	mm(in)	Ø6.35(1/4")		
	Gas Line		Ø9.52(3/8")		Ø12.7(1/2")
	Connection Method		Flare		
Refrigerant R410A	Quantity	kg	0.75	1.05	1.35
	Pre Charged To Pipe Length	m	10	15	
Clean Filter			Allergen Clear & Photocatalytic		

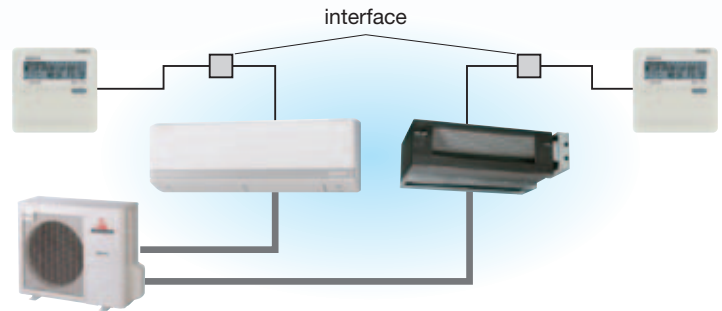


# Control option

## Wired remote control can be connected

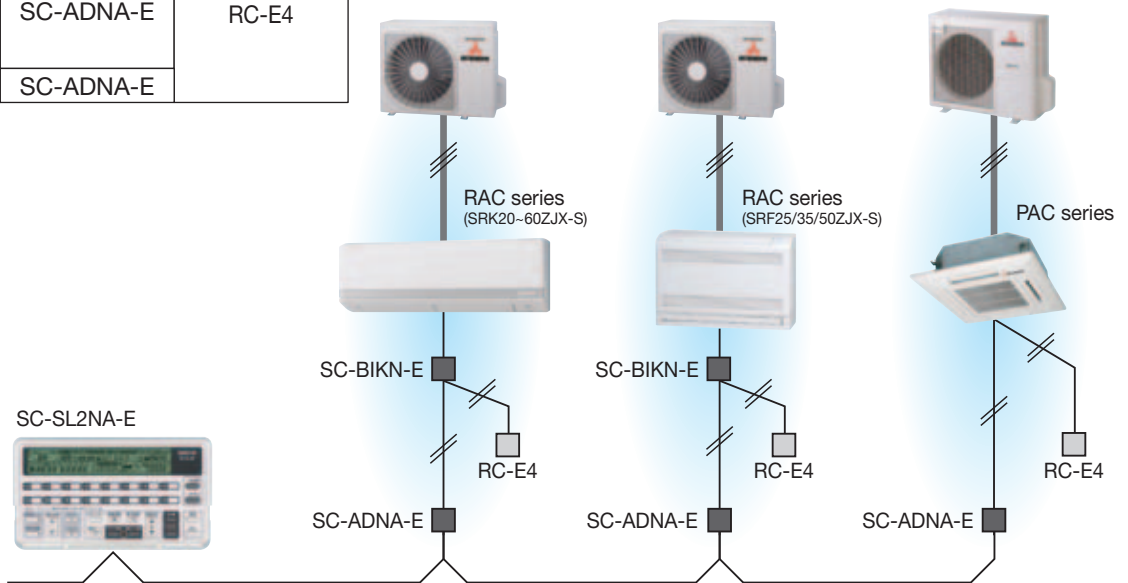
Model	Interface	Remote Control
SRK63/71/80ZE-S	not required	RC-E1R
SRK20~60ZJX-S SRK20~50ZJ-S SRF25/35/50ZJX-S SRR25/35ZJ-S	SC-BIKN-E	RC-E4
FDT25~60VD ※	not required	

※ If wireless remote control is required, use RCN-TC-24W-ER

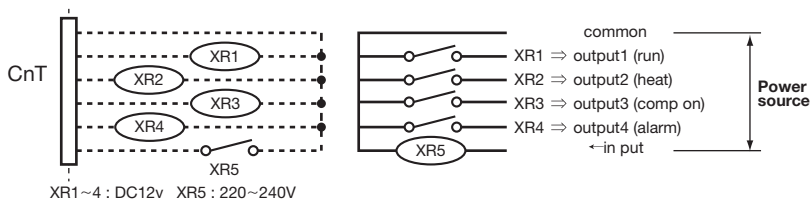


## Can be connected to SUPERLINK- II

Model	Interface	Remote Control
SRK20~60ZJX-S SRK20~50ZJ-S SRF25/35/50ZJX-S SRR25/35ZJ-S	SC-BIKN-E SC-ADNA-E	RC-E4
FDT25~60VD	SC-ADNA-E	



## CnT terminal is equipped



Model	Interface
SRK63/71/80ZE-S FDT25~60VD	not required
SRK20~60ZJX-S SRK20~50ZJ-S SRF25/35/50ZJX-S SRR25/35ZJ-S	SC-BIKN-E



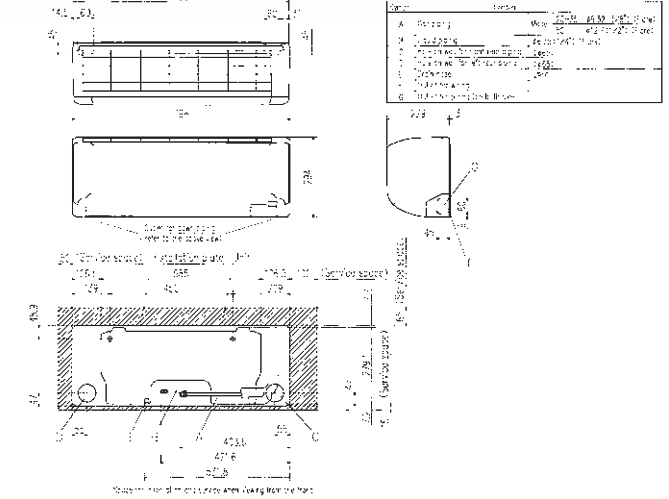
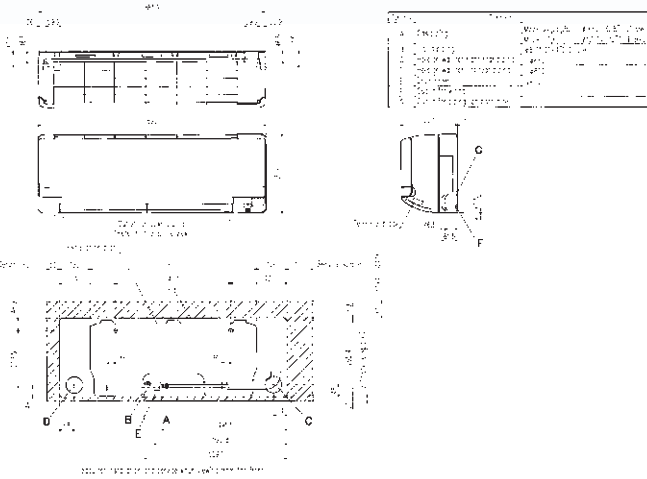
## INDOOR UNIT

Unit: mm

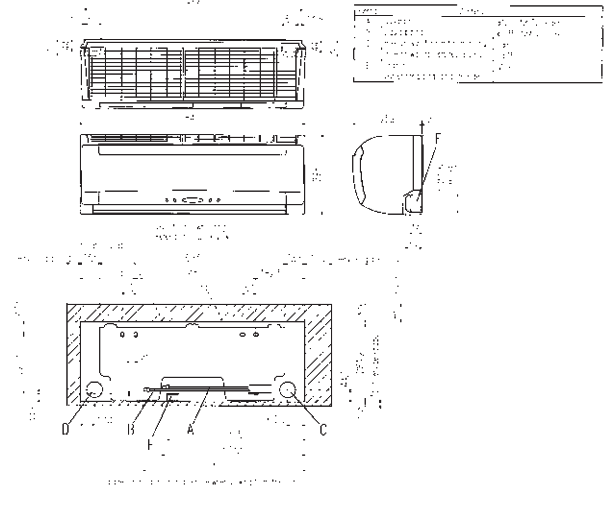
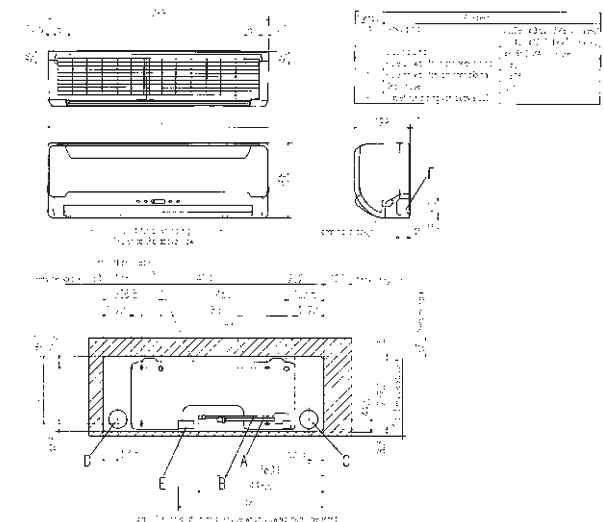
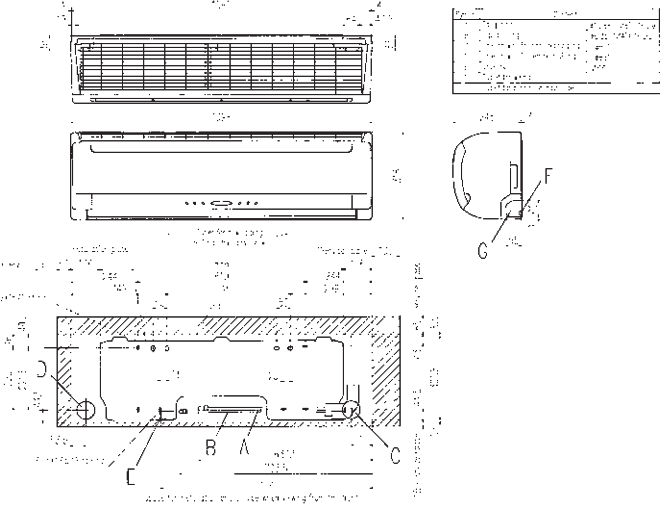
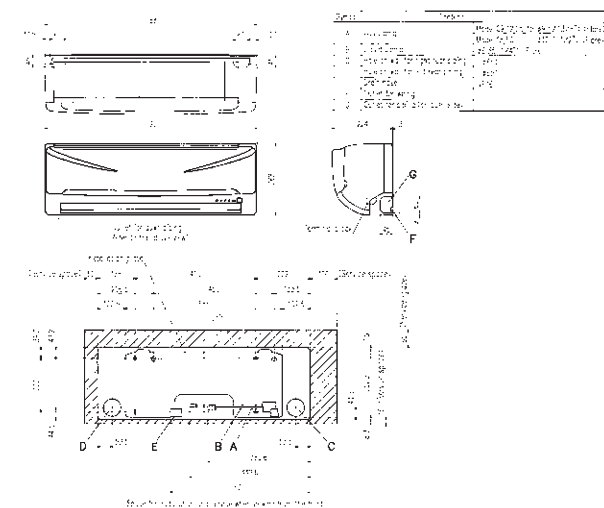
### Wall mounted type

SRK20ZJX-S SRK25ZJX-S SRK35ZJX-S  
SRK50ZJX-S SRK60ZJX-S

SRK20ZJ-S SRK25ZJ-S SRK35ZJ-S SRK50ZJ-S



SRK63ZE-S1 SRK71ZE-S1 SRK80ZE-S2

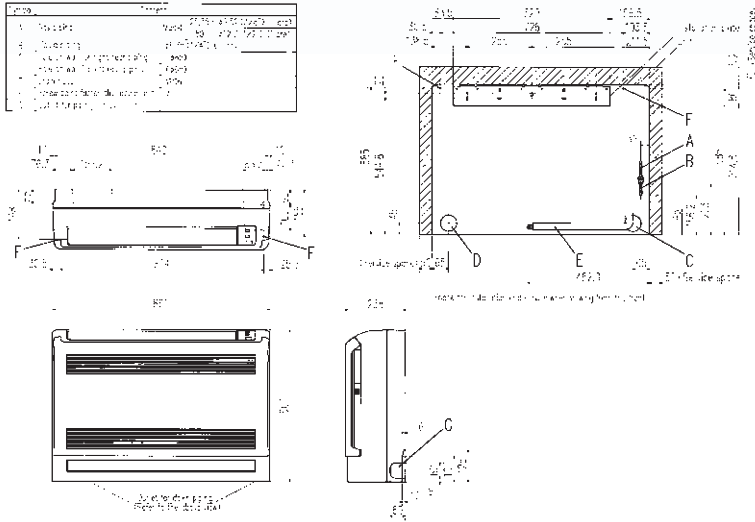


# INDOOR UNIT

Unit: mm

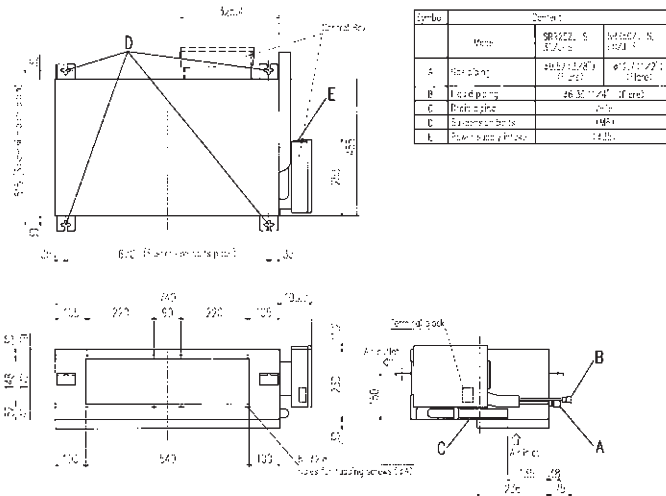
## Floor standing type

SRF25ZJX-S SRF35ZJX-S SRF50ZJX-S



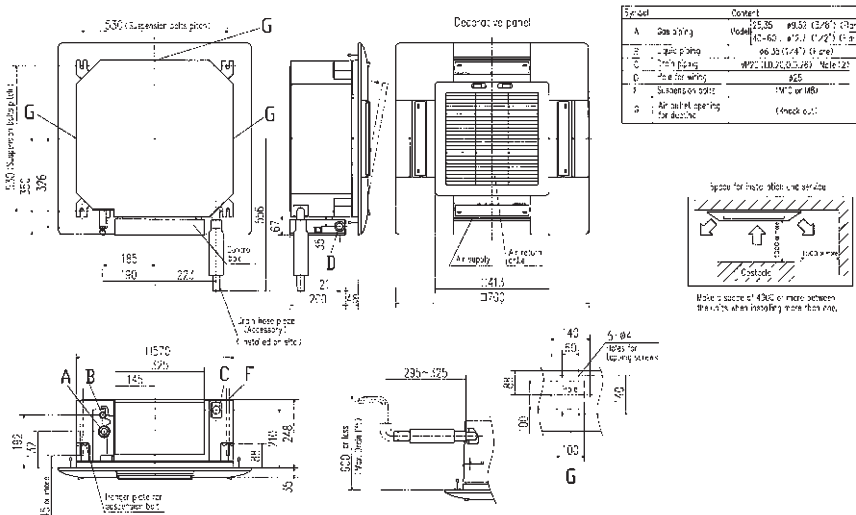
## Ceiling Concealed

SRR25ZJ-S SRR35ZJ-S SRR50ZJ-S SRR60ZJ-S



## 4way ceiling cassette type

FDTC25VD FDTC35VD FDTC40VD FDTC50VD FDTC60VD

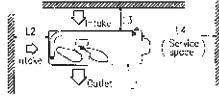


## OUTDOOR UNIT

Unit: mm

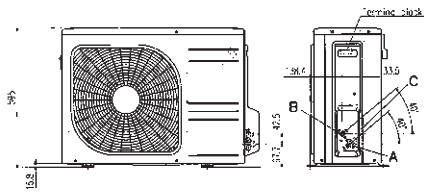
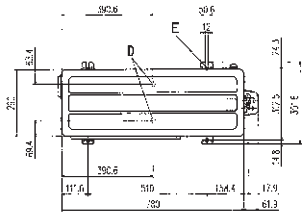
### SRC20ZJX-S SRC25ZJX-S SRC35ZJX-S

Symbol	Content	Dimension
A	Service valve connection (top side)	Ø9.52 (3/8") (1 hole)
B	Service valve connection (right side)	Ø9.52 (3/8") (1 hole)
C	Top service valve outlet hole	Ø25.4 (1") (1 hole)
D	Back service valve	Ø25.4 (1") (1 hole)
E	Service valve hole	M10x4 (1 hole)



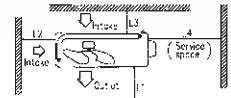
Minimum installation space

From service valve connection	I	E	II	M
1	Open	280	250	180
2	100	75	Open	Open
L1	100	80	80	80
4	250	Open	250	Open



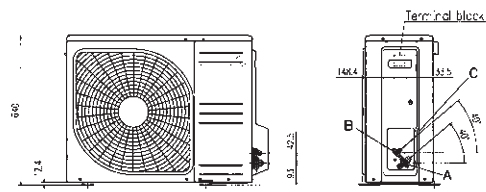
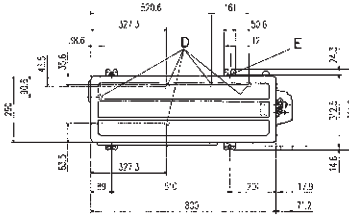
### SRC50ZIX-S SRC60ZIX-S SRC50ZJ-S

Symbol	Content	Dimension
A	Service valve connection (top side)	Ø17.7 (7/8") (1 hole)
B	Service valve connection (right side)	Ø17.7 (7/8") (1 hole)
C	Top service valve outlet hole	Ø25.4 (1") (1 hole)
D	Back service valve	Ø25.4 (1") (1 hole)
E	Service valve hole	M10x4 (1 hole)



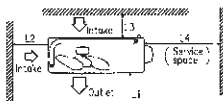
Minimum installation space

From service valve connection	I	E	II	M
1	Open	280	280	180
2	100	75	Open	Open
L1	100	80	80	80
4	250	Open	250	Open



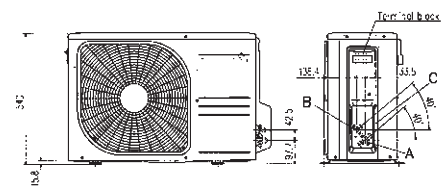
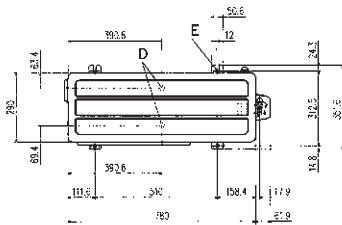
### SRC20ZJ-S SRC25ZJ-S SRC35ZJ-S

Symbol	Content	Dimension
A	Service valve connection (top side)	Ø9.52 (3/8") (1 hole)
B	Service valve connection (right side)	Ø9.52 (3/8") (1 hole)
C	Top service valve outlet hole	Ø25.4 (1") (1 hole)
D	Back service valve	Ø25.4 (1") (1 hole)
E	Service valve hole	M10x4 (1 hole)

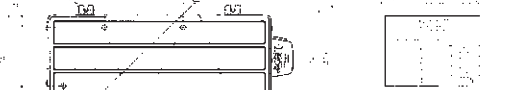
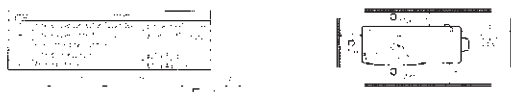


Minimum installation space

From service valve connection	I	E	II	M
1	Open	280	280	180
2	100	75	Open	Open
L1	100	80	80	80
4	250	Open	250	Open



### SRC63ZE-S1 SRC71ZE-S1 SRC80ZE-S2

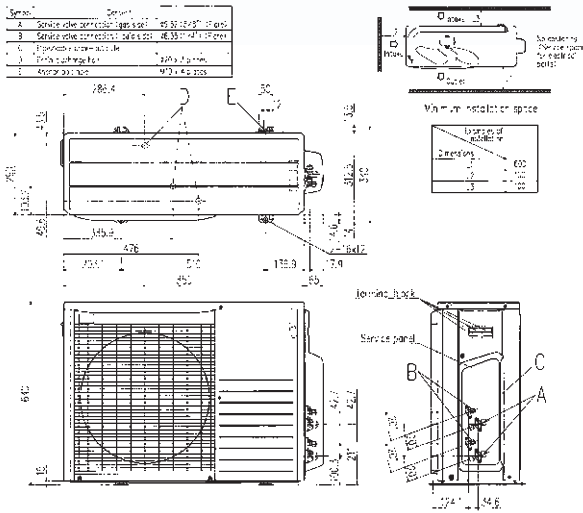




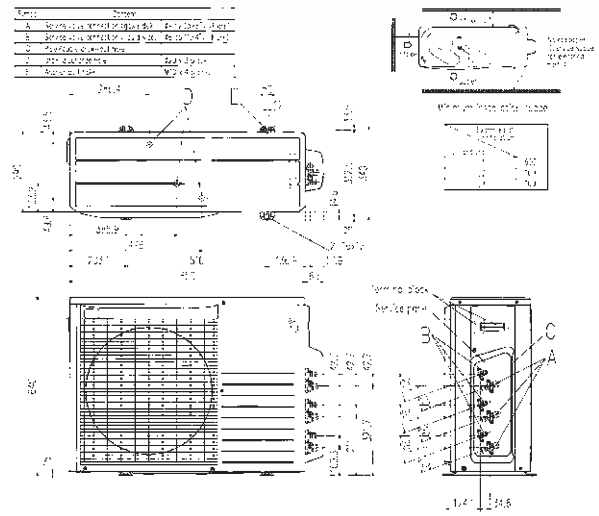
# OUTDOOR UNIT

Unit: mm

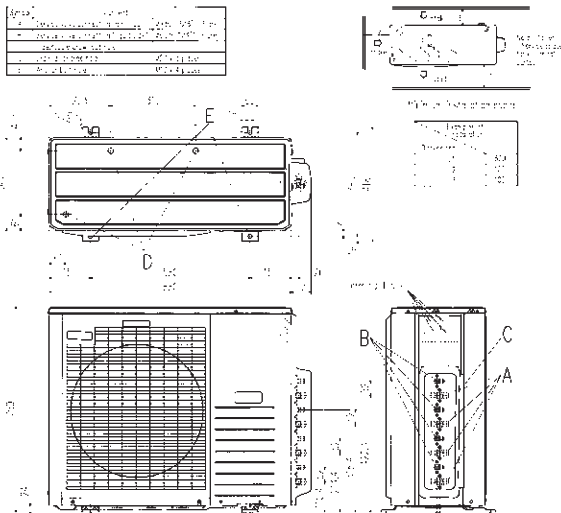
## SCM40ZJ-S SCM45ZJ-S



## SCM50ZJ-S SCM60ZJ-S



## SCM71ZJ-S SCM80ZJ-S



# Industry leading energy efficiency and reliability from our advanced technology

## HyperMulti KX·KXR



Mitsubishi Heavy Industries offers one of the largest ranges of VRF multi inverter products in the industry. The compact M series (11.2 to 15.5kW) is a single fan, single phase outdoor that is providing air conditioning solutions all over Australia. The larger side blow (22.4 to 33.5kW) and top discharge (40 to 68kW) units can be used singularly or in combination to deliver up to 136kW of heat pump or heat recovery technology and energy saving in high rise and mid rise structures. With 16 types of indoor units and 78 different capacities available designs are only limited by imagination. Our eSolution software makes selection simple.

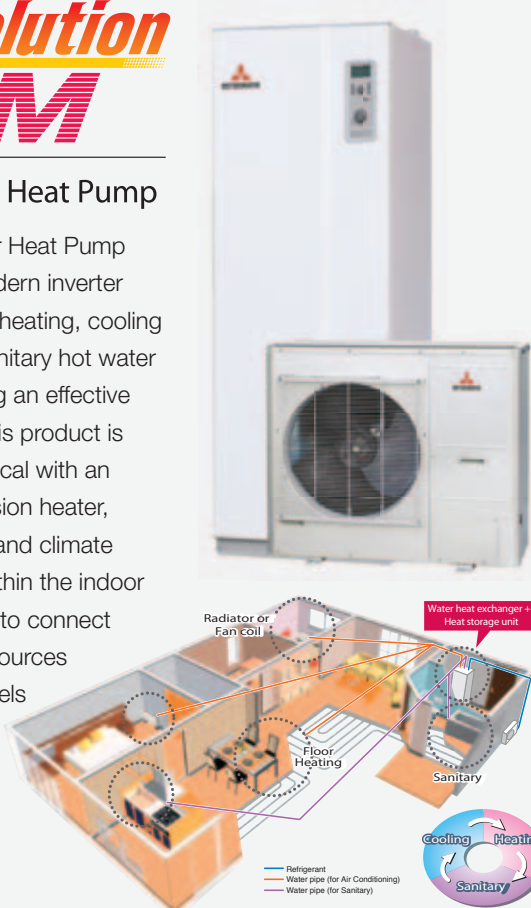
The SuperlinkII network can control up to 128 indoor units via a central control or BMS interface such as Web or BACnet gateways. Mente PC can be connected for fault finding and recording test run reports.



## Hydrolution HM

### Air to Water Heat Pump

MHI's Air to Water Heat Pump is a complete modern inverter driven system for heating, cooling and producing sanitary hot water for houses offering an effective energy saving. This product is safe and economical with an integrated immersion heater, circulating pump and climate control system within the indoor unit. It is possible to connect external heating sources such as solar panels and boilers.



## Hydrolution ETW

### Water to Water Heat Pump

'ETW' is a heat recovery type water to water centrifugal heat pump which enables the continuous supply of 80°C hot water by utilizing wasted hot water with temperatures ranging from 35°C to 50°C. This becomes the heat-source water from which thermal energy is derived and supplied for reheating through a heat pump mechanism.

The system uses an inverter speed control to minimize electric power consumption and HFC-134a refrigerant.



# FD

## Packaged Air Conditioner

The Mitsubishi Heavy Industries range of inverter packaged air conditioners are easy to install and maintain. Ranging from 5 to 14kW with a compact single fan single phase outdoor unit these products are perfect for schools, offices, shops and restaurants. The ducted range has a return air option and a drain pump so it is ideal for installation in homes and offices. The easy to use remote control features a 7 day 4 event timer. This series can interface with SuperlinkII and seamlessly marry in with KX•KXR range to optimise control.

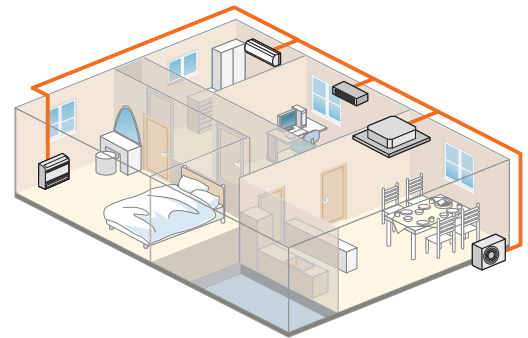
# Hyper Inverter



# SCM

## Residential Multi Air Conditioner

These residential use inverter multi system can condition 2, 3 or 4 rooms using either wall mounted, floor standing, low static bulkhead or compact cassette type indoor units. The SCM series offers a total of 5 outdoor units and 20 indoor units making hundreds of different comfort combinations possible. Perfect for flats and apartments.



# SR

## Residential Air Conditioner

Mitsubishi Heavy Industries wall mounted and floor standing inverter split systems are the ideal choice to control comfort in any residential situation.

Mitsubishi Heavy Industries residential air conditioners have received rave reviews in consumer magazines here in Australia and overseas when tested and compared to the competitions similar products. Energy efficiency, quiet operation and ease of use were the standout differences.



## 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 as 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.



**MITSUBISHI HEAVY INDUSTRIES**  
**AIR-CONDITIONERS AUSTRALIA, PTY. LTD.** ABN 92 133 980 275

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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).



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



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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.



BIWAJIMA PLANT  
Mitsubishi Heavy Industries, Ltd.  
Air-conditioning & Refrigeration Systems Headquarters  
Certified ISO 14001  
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