

HyperInverter

High Performance Air-Conditioning



SR
series

Inverter Residential Air Conditioners

Features.

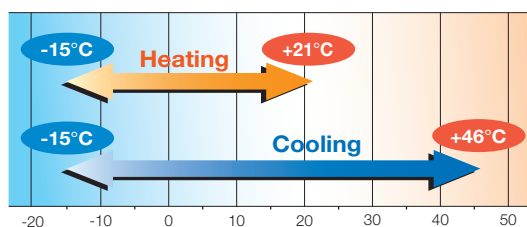
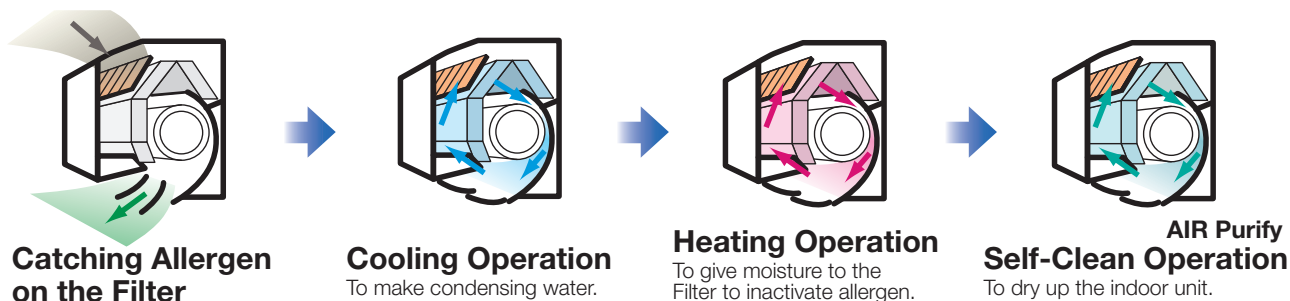


Self Clean Operation

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.



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

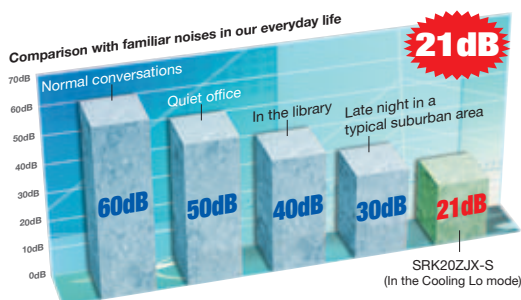
Wide Operation Range

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 operations are required at low ambient conditions down to -15°C .

Quiet Operation

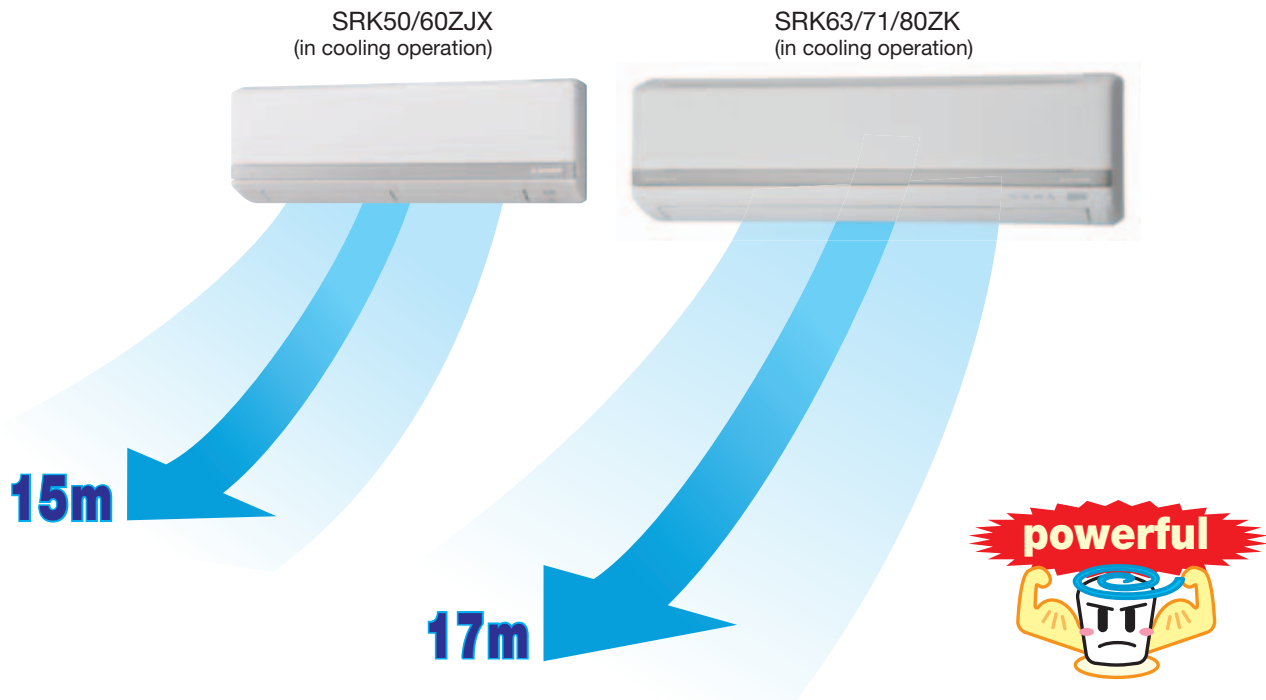
The secret of quiet operation.

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.



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.



All SRK, SRF, SRR, FDTC



All SRK, SRF, SRR, FDTC

SRK50/60ZJX, SRK-ZK, SRK35/50ZJ, SRK-ZJX

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.

Inverter Heat Pump (High COP).

SRK-ZJX

Wall Mounted type

HyperInverter



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

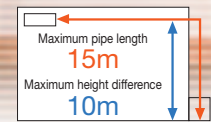


SRC20ZJX-S SRC25ZJX-S SRC35ZJX-S SRC50ZIX-S / SRC60ZIX-S

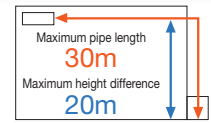


All SRK-ZJX series can be selected for use as indoor units in combination with the SCM Multi system outdoor unit.

Refrigerant pipe length



SRK20ZJX-S / SRK25ZJX-S / SRK35ZJX-S



SRK50ZIX-S / SRK60ZIX-S

FUNCTIONS					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	SRC50ZIX-S	SRC60ZIX-S
Power Supply	Outdoor Unit	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(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	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	6	5	3	2.5	1.5
	Heating	5.5	5.5	3.5	3.5	3
Energy Star		Yes	Yes	Yes	Yes	No
EER	Cooling T1	5.71	5.20	4.14	3.85	3.23
COP	Heating H1	5.56	5.26	4.48	4.44	4.07
COP	Heating H2	3.58	3.46	3.22	2.97	2.72
Current	Cooling	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	60	60	63	62	65
	Heating Outdoor	59	60	62	62	65
Sound Pressure Level (JIS C9612)	Cooling Indoor	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	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	309X890X220				
	Outdoor	595X780(+62)X290		640X800(+71)X290		
Net Weight	Indoor	15				
	Outdoor	38		43		
Refrigerant Piping	Liquid Line	Ø6.35				
	Gas Line	Ø9.52		Ø12.7		
	Connection Method	Flare				
Refrigerant R410A	Quantity	1.2			1.4	
	Pre Charged To Pipe Length	15				
Clean Filter		Alergen Clear & Photocatalytic				

SRK-ZK

Wall Mounted type

Hyper Inverter



SRK63ZK-S / SRK71ZK-S / SRK80ZK-S



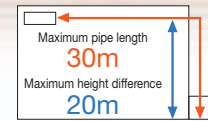
SRC63ZK-S / SRC71ZK-S
SRC80ZK-S



The SRK71ZK-S can be selected for use with the SCM Multi system outdoor unit.

FUNCTIONS		Comfortable Functions 	Convenient & Economy Functions
	Comfortable Air Flow Functions 	Maintenance & Prevention Functions 	Others

Refrigerant pipe length



SRK63ZK-S / SRK71ZK-S
SRK80ZK-S

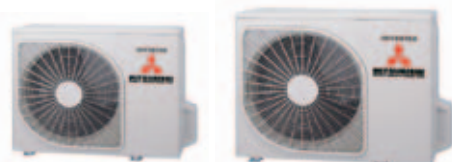
Indoor			SRK63ZK-S	SRK71ZK-S	SRK80ZK-S
Outdoor			SRC63ZK-S	SRC71ZK-S	SRC80ZK-S
Power supply	Outdoor Unit		1ph 230V 50Hz		
Capacity	Cooling T1	kW	6.3 (2.15~7.10)	7.1 (2.15~8.00)	8.0 (2.15~8.50)
	Heating H1		7.1 (1.70~9.50)	8.0 (1.60~10.00)	9.0 (1.7~10.5)
	Heating H2		7.90	8.00	8.10
Input	Cooling T1	kW	1.76	2.16	2.65
	Heating H1		1.79	2.14	2.55
	Heating H2		2.85	2.9	2.90
Energy Label	Cooling T1	Stars	2.0	1.5	1.0
	Heating H1		3.0	2.5	2.0
Energy Star			Yes	Yes	Yes
EER	Cooling T1		3.58	3.29	3.02
COP	Heating H1		3.97	3.74	3.53
	Heating H2		2.77	2.77	2.79
Current (Max)	Cooling T1	A	8.0 (16.5)	9.7 (17.0)	11.9 (17.5)
	Heating H1		8.1 (16.5)	9.7 (17.0)	11.4 (17.5)
Rec Circuit Breaker		A	20A		
Sound Power Level (JIS C9612)	Cooling(Outdoor)	dB (A)	62	66	69
	Heating(Outdoor)		63	64	66
Sound Pressure Level (JIS C9612)	Cooling(Indoor)	dB	47-43-37-26	49-45-39-26	51-47-41-26
	Heating(Indoor)		44-41-36-33	46-43-39-35	48-45-40-37
Airflow	Cooling(Indoor)	l/s	310	325	350
	Heating(Indoor)		342	358	392
External Dimensions (HXWXD)	Indoor	mm	318 × 1098 × 248		
	Outdoor		750 × 880 (+88) × 340		
Net Weight	Indoor	kg	15		
	Outdoor		57		
Refrigerant Piping	Liquid line	mm	Ø6.35		
	Gas line		Ø15.88		
	Connection method		Flare connection		
Refrigerant R410A	Quantity	kg	1.8		
	Pre Charged To Pipe Length		m		
Clean Filter			Allergen Clear & Photocatalytic		

SRK-ZJ

Wall Mounted type



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

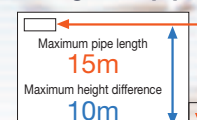


SRC20ZJ-S / SRC25ZJ-S / SRC35ZJ-S / SRC50ZJ-S

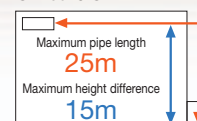


All SRK-ZJ series can be selected for use as indoor units in combination with the SCM Multi system outdoor unit.

Refrigerant pipe length



SRK20ZJ-S / SRK25ZJ-S / SRK35ZJ-S



SRK50ZJ-S

FUNCTIONS					Comfortable Functions			Convenient & Economy Functions			
Comfortable Air Flow 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
Energy Star		No	No	No	No
EER	Cooling T1	4.55	4.03	3.47	3.23
	Heating H1	4.35	4.00	4.00	3.65
	Heating H2	2.64	2.75	2.84	2.45
COP	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	35	42
Refrigerant Piping	Liquid Line	Ø6.35			
	Gas Line	Ø9.52			Ø12.7
	Connection Method	Flare			
Refrigerant R410A	Quantity	0.75	1.05	1.05	1.35
	Pre Charged To Pipe Length	15			
Clean Filter		Allergen Clear & Photocatalytic			

Inverter Cooling Only.

SRK-YJ

Wall Mounted type



SRK10YJ-S / SRK18YJ-S



SRC10YJ-S

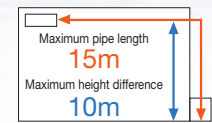


SRC18YJ-S

FUNCTIONS

- SUN Filter**
- Enzyme Filter**
- Auto**
- Hi POWER**
- Convenient & Economy Functions**
 - Economy
 - DRY
 - OFF Timer
 - Sleep
 - On 24h Timer
 - On 24h Timer Off
- Comfortable Functions**
 - Auto Flap
 - Memory
 - Air Scroll
 - UP/DOWN
 - Lateral Swing
 - 3D Auto
- Comfortable Air Flow Functions**
- Maintenance & Prevention Functions**
 - Self Diagnostics
 - Detachable
- Others**
 - Back-up Switch
 - Auto Restart
 - 24hION
 - Luminous

Refrigerant pipe length



SRK10YJ-S / SRK18YJ-S

Indoor			SRK10YJ-S	SRK18YJ-S
Outdoor			SRC10YJ-S	SRC18YJ-S
Power Supply	Indoor Unit		1 Phase 230V 50Hz	
Capacity	Cooling T1	kW	2.50	5.00
Input	Cooling T1	kW	0.70	1.56
Energy Label	Cooling	Stars	2.5	1.5
EER	Cooling T1		3.57	3.21
Current	Cooling	Amp	3.4	7.1
	Recommended Circuit Breaker		16	
Sound Power Level (JIS C9612)	Cooling Outdoor	dB(A)	59	61
Airflow	Cooling Indoor	l/s	133	183
External Dimensions (HxWxD)	Indoor	mm	268x790x213	
	Outdoor	mm	540x780(+62)x290	640x800(+71)x290
Net Weight	Indoor	kg	8.5	
	Outdoor	kg	32	42
Refrigerant Piping	Liquid Line	mm	Ø6.35	
	Gas Line	mm	Ø9.52	Ø12.7
	Connection Method		Flare	
Refrigerant R410A	Quantity	kg	0.75	1.35
	Pre Charged To Pipe Length	m	10	15
Clean Filter			Allergen Clear & Photocatalytic	

Inverter Heat Pump (High COP).

SRF-ZJX

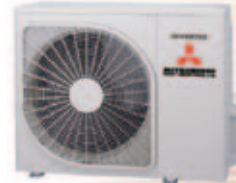
Floor type



SRF25ZJX-S / SRF35ZJX-S / SRF50ZJX-S



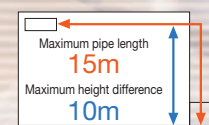
SRC25ZJX-S / SRC35ZJX-S



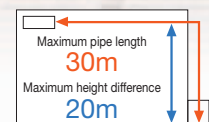
SRC50ZIX-S



Refrigerant pipe length



SRC25ZJX-S / SRC35ZJX-S



SRC50ZIX-S

FUNCTIONS

- Self Clean Operation**
- Enzyme Filter**
- SUN Filter**
- Comfortable Functions**: 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

Indoor			SRF25ZJX-S	SRF35ZJX-S	SRF50ZJX-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
Energy Star			Yes	Yes	Yes
EER	Cooling T1		4.80	3.93	3.60
COP	Heating H1		4.70	4.00	3.90
	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	40-32-26	41-34-28	47-39-30
	Heating Indoor		40-35-28	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	Ø6.35		
	Gas Line		Ø9.52		Ø12.7
	Connection Method		Flare		
Refrigerant R410A	Quantity	kg	1.2		1.4
	Pre Charged To Pipe Length		m		15
Clean Filter			Enzyme & Photocatalytic		

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



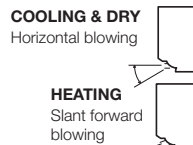
3D Auto

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.

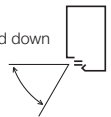


Up/Down Flap Swing

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.



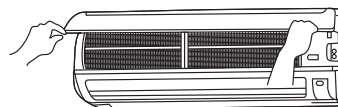
Self-Diagnostic Function

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.



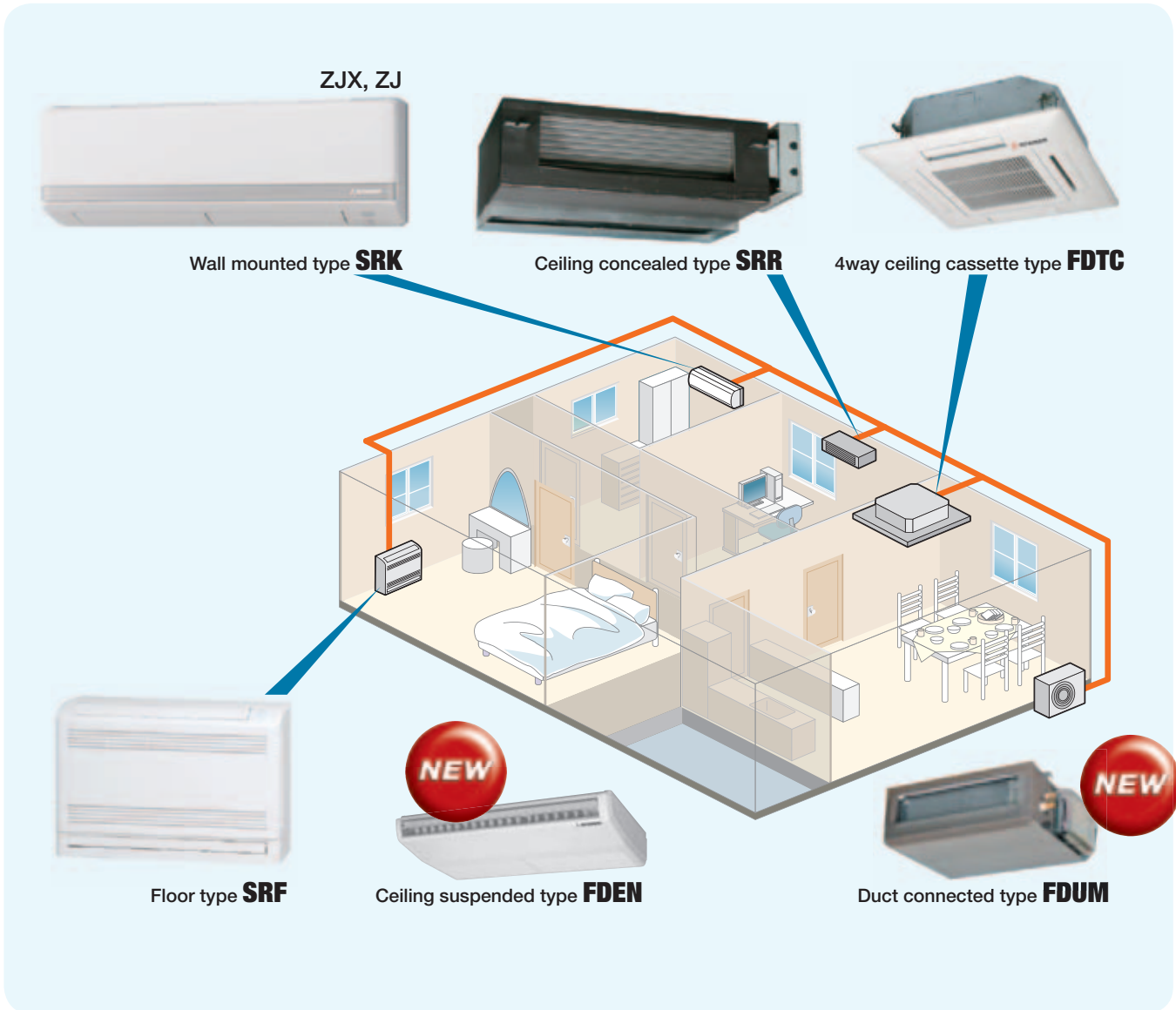
Luminous Button

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.

Inverter Multi-split System



The multi system allows a single outdoor unit to service up to six indoor units.



Outdoor Unit



SCM40ZJ-S / SCM50ZJ-S
SCM60ZJ-S



SCM71ZJ-S / SCM80ZJ-S



SCM100ZJ-S1 / SCM125ZJ-S1





SCM**ZJ series		SCM40ZJ-S	SCM50ZJ-S	SCM60ZJ-S	SCM71ZJ-S	SCM80ZJ-S	SCM100ZJ-S1	SCM125ZJ-S1	
		2 Rooms		2-3 Rooms		2-4 Rooms		4-6 Rooms	
Power supply	Outdoor	1ph 230 50Hz							
Capacity	Cooling T1	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)	10.0(1.8-12.0)	12.5(1.8-14.0)	
	Heating H1	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)	12.0(1.8-13.5)	13.5(1.5-14.0)	
Input	Cooling T1	0.84	1.08	1.43	1.74	2.16	2.86	3.90	
	Heating H1	0.90	1.31	1.51	2.00	2.26	2.93	3.25	
EER	Cooling T1	4.76	4.63	4.20	4.08	3.70	3.50	3.21	
COP	Heating H1	5.00	4.58	4.50	4.30	4.12	4.10	4.15	
Current	Cooling T1	3.7	4.7	6.5	7.6	9.4	12.4	17.0	
	Heating H1	4.0	5.8	6.8	8.8	10	12.8	14.1	
Sound power level (JIS C9612)	Cooling(Outdoor)	60	62	63	65	66	68	69	
	Heating(Outdoor)	62	65	65	66	66	71	72	
External dimensions	(HxWxD)	640X850X290							945X970X370
Net weight	Outdoor	47	48	49	62		92		
	Liquid line	06.35(1/4") X 2	06.35(1/4") X 3	06.35(1/4") X 3	06.35(1/4") X 4	06.35(1/4") X 4	06.35 X 5	06.35 X 6	
Refrigerant piping	Gas line	09.52(3/8") X 2	09.52(3/8") X 3	09.52(3/8") X 3	09.52(3/8") X 4	09.52(3/8") X 4	09.52 X 5	09.52 X 6	
	Union		(09.52=012.7) X 1	(09.52=012.7) X 2	(09.52=012.7) X 2	(09.52=012.7) X 2	(09.52=012.7) X 2	(09.52=012.7) X 2	
Connection method		Flare connection							
Refrigerant R410A	Volume	2.0	2.5		3.15		6		
	Pre-Charged	30	40						
Indoor Unit Combination	SRK*ZJ	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	2.0,2.5,3.5,5.0,6.0					2.0,2.5,3.5	
	SRK*ZJX-S1		5.0,6.0						
	SRK*ZK-S		7.1						
	SRR*ZJX	2.5,3.5	2.5,3.5,5.0					2.5,3.5	
	SRR*ZJX-S1		5.0						
Indoor Unit Connection	SRR*ZJ	2.5,3.5	2.5,3.5,5.0		2.5,3.5,5.0,6.0				
	FDTC*VD	2.5,3.5	2.5,3.5,5.0		2.5,3.5,5.0,6.0				
Indoor Connection Capacity	Indoor Unit Connection	2 Units	2 to 3 Units		2 to 4 Units		4 to 5 Units	4 to 6 Units	
	Indoor Connection Capacity	4.0kW to 6.0kW	4.0kW to 8.5kW	4.0kW to 11.0kW	4.0kW to 12.5kW	4.0kW to 13.5kW	8.0 kW to 16kW	8.0kW to 19.5kW	

Note 1 Rated data is measured using SRK*ZJX indoor unit at an equivalent indoor / outdoor capacity

Note 2 Currently there is no energy labelling standard for this type of product

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. Suitable access for service must be provided in compliance with industry standards and local regulations.



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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).



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ISO14001

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