MITSUBISHI HEAVY INDUSTRIES, LTD.

Our Technologies, Your Tomorrow

2014

SR Series

Inverter Residential Air Conditioners

MONIKA'S RESCUES
www.DoggieRescue.com

MHIAA is proudly sponsoring
Monika's Doggie Rescue

SR Series.
Inverter Residential Air Conditioners.

The ideal solution for air conditioning

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

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

DRED.

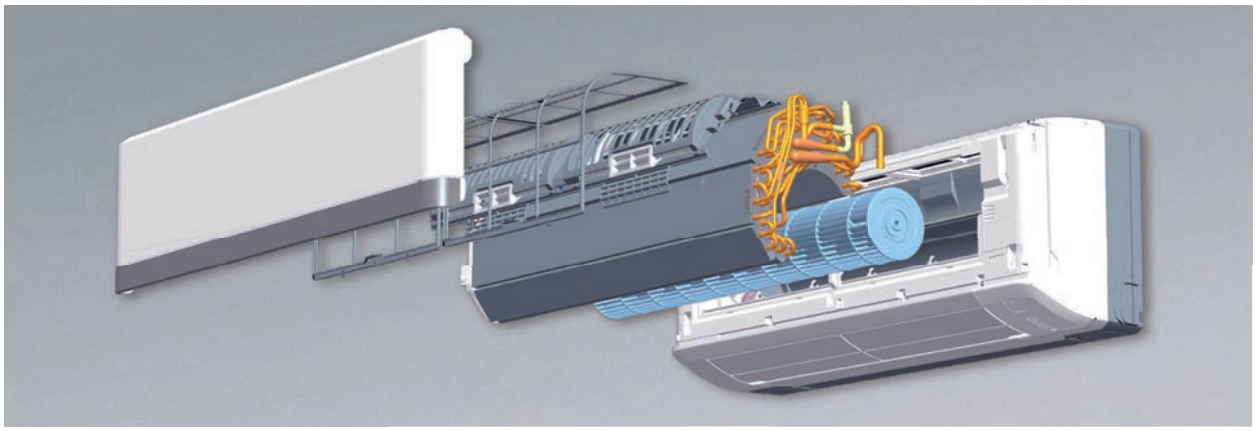
DRED enabled (complies to AS/NZS4755)

The new RAC model range include a Demand Response Enabling Device (DRED) built into each indoor unit in the ZMA/ZMXA range.

A unit installed with a DRED device allows you to participate in incentive programs applicable to your region, such as the ENERGEX QLD Positive Payback Program.

Anti-microbial specifications and design will deliver cleanliness and safety

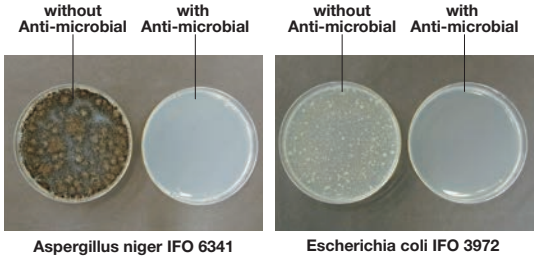
Anti-microbial indoor fan



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.
·Apergillus 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.

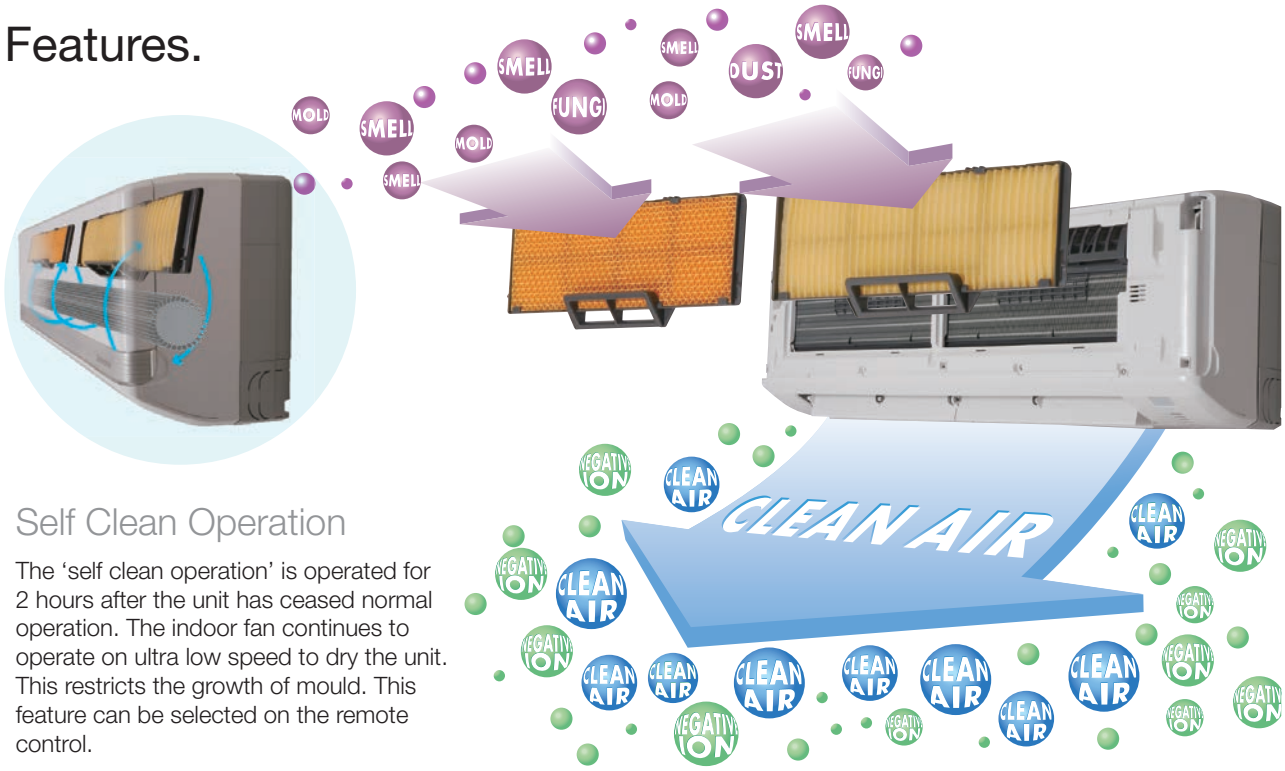
Comparison of growth of bacteria and mold on fan surfaces (microscopic image)



Aspergillus niger IFO 6341 **Escherichia coli IFO 3972**

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

Features.

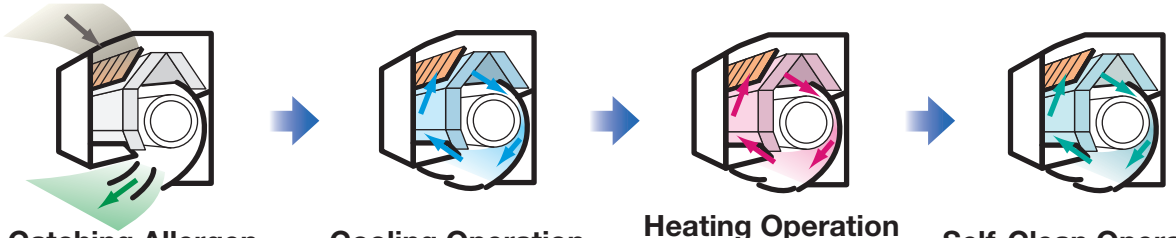


Self Clean Operation

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

Allergen Clear System

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

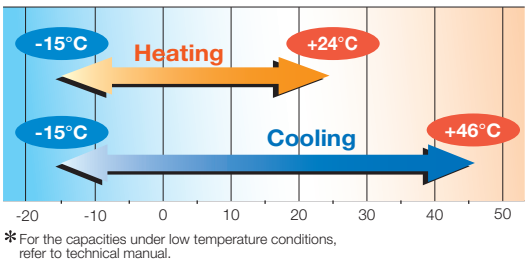


Catching Allergen on the Filter

Cooling Operation
To make condensing water.

Heating Operation
To give moisture to the Filter to inactivate allergen

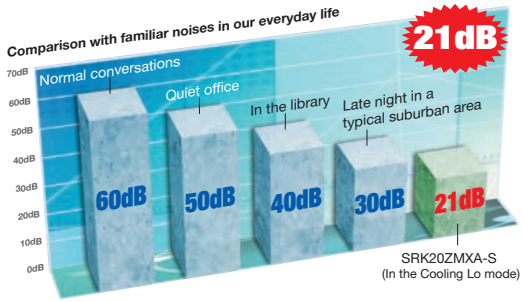
Self-Clean Operation
To dry up the indoor unit



✻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.



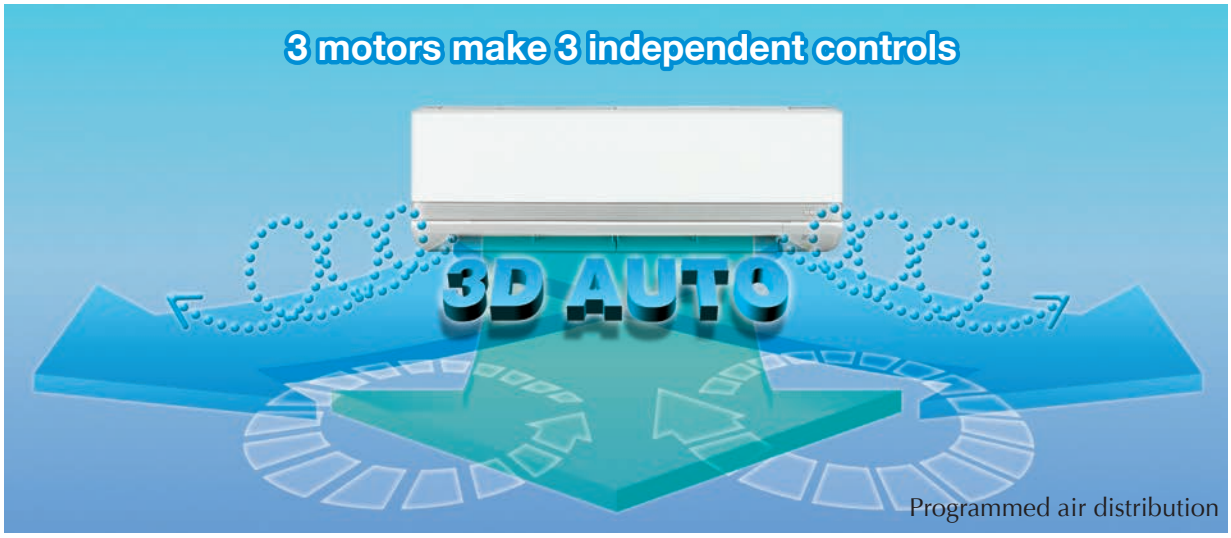
Quiet Operation

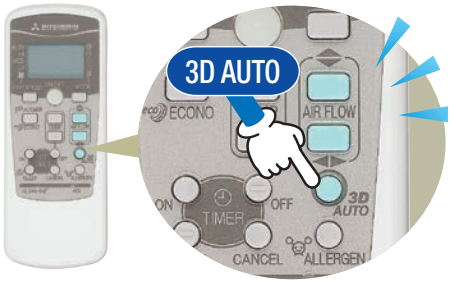
The secret of quiet operation.

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.

Airflow.

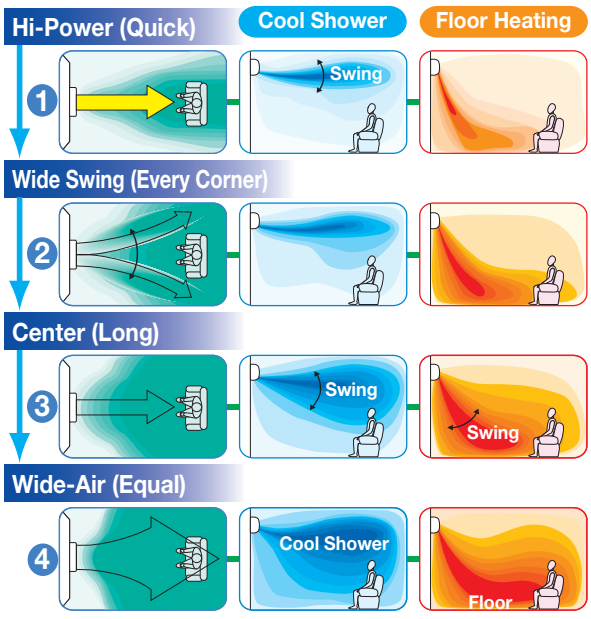
3D AUTO Vertical + Horizontal AIR SCROLL.





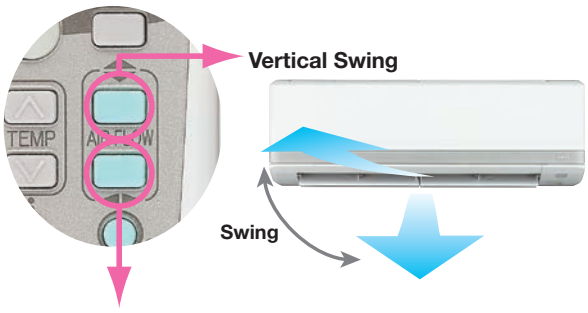
3D AUTO is a one touch programme. Three motors (one vertical working motor + two horizontal working motors) make three independent air flow controls.
The airflow is uniform, quiet and reaches at long distance from the indoor unit.

Programmed 3D AUTO

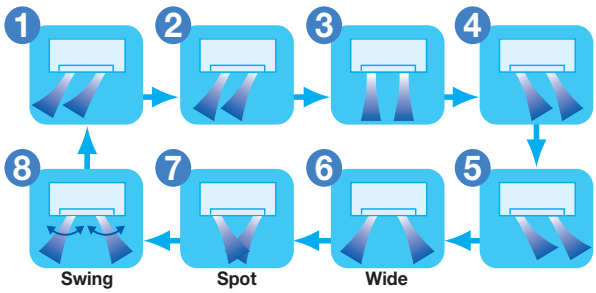


Automatic control of air flow volume and air flow direction enables comfortable air conditioning of the entire room.
In cooling operation, cooled air flows directly to the ceiling not directly onto the occupants of the room. The comfort cooled air flow comes down from the ceiling like a soft shower.
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



Horizontal Air Scroll 8 Direction Swing



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.

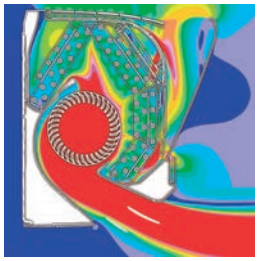
Airflow.

Jet air scroll long reach & silent air flow.

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

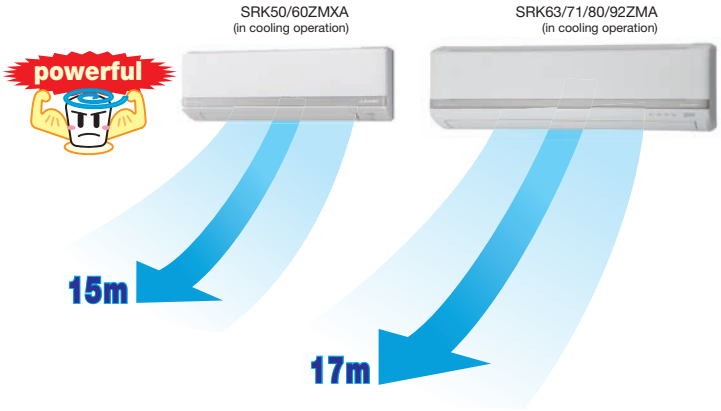
We used the same aerodynamic analysis technology as used in developing jet engines.

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.



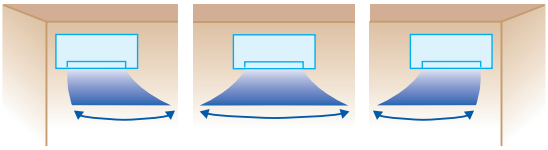
Long Reach Air Flow

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



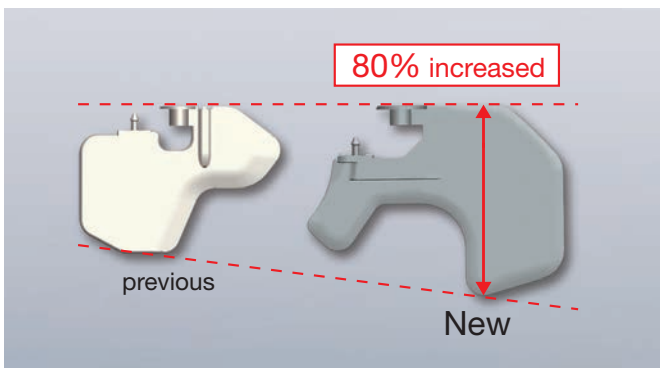
Positioning of Installation

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



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.

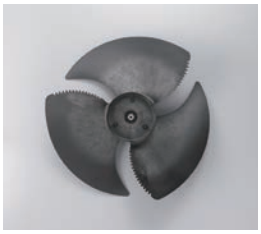


Our Latest Technologies.

Applied to all inverter models.

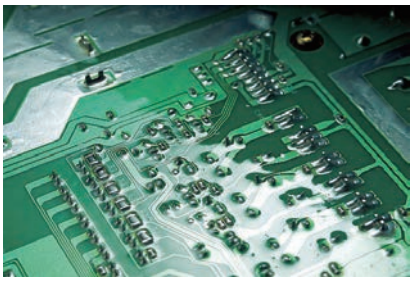
New propeller fan

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. (SRC50/60ZMXA-S)



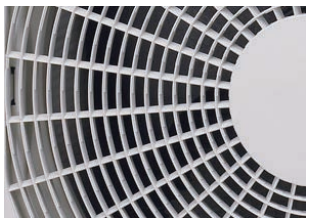
Silicon-coated PCB

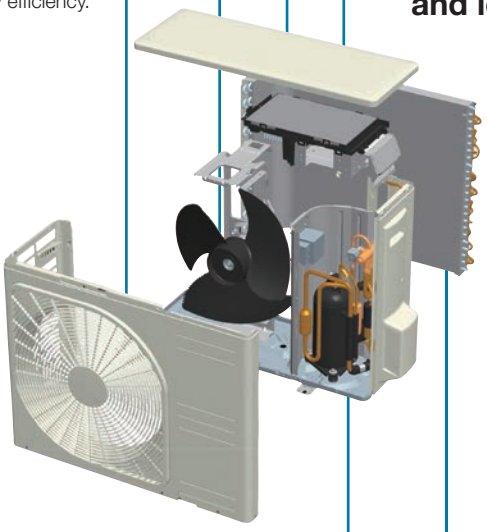
The printed circuit board of the outdoor unit is coated by silicon. The coating ensures longevity of the board in humid conditions.



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. (SRC20~50ZMA-S)
SRC20~50ZMXA-S





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 to efficiency was realized by use of a neodymium magnet applied in the compressor motor. (SRC50/60ZMXA-S)

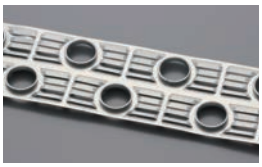
photo is composite image

Superior corrosion resistance

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

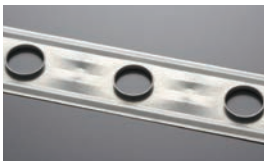
Indoor unit

A combination of fin configuration and copper tube has enabled maximum air flow whille 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.



SRK-ZMXA-S

Wall mounted type

SRK20ZMXA-S • SRK25ZMXA-S • SRK35ZMXA-S • SRK50ZMXA-S • SRK60ZMXA-S

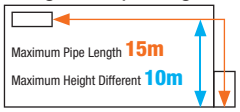
SRC20ZMXA-S • SRC25ZMXA-S
SRC35ZMXA-S

SRC50ZMXA-S • SRC60ZMXA-S

Single Multi

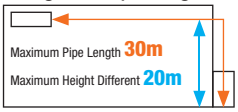
Most SRK-ZMXA series can be selected for use as indoor units in combination with the SCM Multi system outdoor unit.

Refrigerant Pipe Length



SRK20ZMXA-S • SRK25ZMXA-S • SRK35ZMXA-S

Refrigerant Pipe Length



SRK50ZMXA-S • SRK60ZMXA-S

FUNCTIONS

Comfortable: SUN Filter, Allergen System, Self Clean Operation, Allergen Filter, Fuzzy, Auto, HI POWER, 3HOT Keep

Comfortable Air Flow: 3D Auto, Auto Flap, Air Scroll, Memory, UP/DOWN, Lateral Swing, Positioning of installation

Convenience & Economy: On Timer, OFF Timer, On Weekly timer Off, On 24h Timer Off, DRY, Silent, Economy, Sleep, Night setback 10°C

Maintenance & Prevention: MC, Self Diagnostic, Detachable

Others: Back-up Switch, Auto Restart, 24h-ION, Luminous

Indoor			SRK20ZMXA-S	SRK25ZMXA-S	SRK35ZMXA-S	SRK50ZMXA-S	SRK60ZMXA-S
Outdoor			SRC20ZMXA-S	SRC25ZMXA-S	SRC35ZMXA-S	SRC50ZMXA-S	SRC60ZMXA-S
Power supply			1 Phase 220~240V 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 (1.1~5.8)	6.0 (1.1~6.8)
	Heating H1		2.5 (0.9-4.3)	3.13 (0.9-4.7)	4.3 (0.9-5.1)	6.0 (0.6~7.7)	6.8 (0.6~8.2)
	Heating H2		N/A	3.79	4.04	6.26	6.28
Input	Cooling T1	kW	0.35 (0.19-0.70)	0.49 (0.19-0.82)	0.845 (0.19-1.01)	1.30 (0.20~1.80)	1.86 (0.20~2.50)
	Heating H1		0.45 (0.23-1.00)	0.595 (0.23-1.12)	0.96 (0.23-1.35)	1.36 (0.20~2.43)	1.67 (0.20~2.70)
Energy Label	Cooling T1	Stars	6	5	3	3	1.5
	Heating H1		5.5	5.5	3.5	4	3.5
EER	Cooling T1		5.71	5.20	4.14	3.85	3.23
COP	Heating H1		5.56	5.26	4.48	4.41	4.07
	Heating H2		N/A	3.46	3.22	3.21	2.48
Sound power level (JIS C9612)	Cooling(Outdoor)	dB(A)	60	60	63	63	64
	Heating(Outdoor)		59	60	62	63	64
Sound pressure level (JIS C9612)	Cooling(Indoor)	dB(A)	39-30-24-21	41-31-25-22	43-33-25-22	47-40-27-25	51-41-29-25
	Heating(Indoor)		38-33-25-21	41-34-27-21	42-35-27-22	48-40-33-26	48-41-34-27
Silent Mode Sound Pressure level	Cooling(Outdoor)	dB(A)	40	41	45	45	45
	Heating(Outdoor)		42	42	43	45	45
Airflow	Cooling(Indoor)	l/s	192-133-105-83	208-150-105-83	225-158-105-83	225-183-133-116	242-208-142-117
	Heating(Indoor)		200-158-117-105	217-167-125-105	233-183-133-108	283-241-175-133	292-250-183-142
External dimensions (HXWXD)	Indoor	mm	309x890x220				
	Outdoor		595x780(+62)x290			640x800(+71)x290	
Net weight	Indoor	kg	13.5				
	Outdoor		35			45.5	
Refrigerant piping	Liquid line	mm	Ø6.35				
	Gas line		Ø9.52			Ø12.7	
	Connection method		Flare connection				
Refrigerant R410A	Quantity	kg	1.2			1.5	
	Pre charged to pipe length	m	15				
Clean Filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter				

SRK-ZMA-S

Wall mounted type

HyperInverter

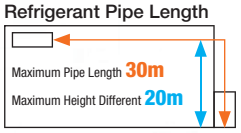
SRK63ZMA-S • SRK71ZMA-S

SRC63ZMA-S • SRC71ZMA-S

Single Multi

The SRK71ZMA-S can be selected for use with the SCM Multi system outdoor unit.

Refrigerant Pipe Length



SRK63ZMA-S • SRK71ZMA-S

FUNCTIONS

Comfortable: Fuzzy, Auto, Hi Power, 3Hot keep

Comfortable Air Flow: 3D Auto, Auto Flap, Air Scroll, Memory, Up/Down, Lateral Swing, Positioning of installation

Convenience & Economy: On Timer, Off Timer, On Weekly timer Off, On 24h Timer Off, DRY, Silent, Economy, Sleep, Night setback 10°C

Maintenance & Prevention: MC, Self Diagnostic, Detachable

Others: Back-up Switch, Auto Restart, 24h ION, Luminous

Indoor			SRK63ZMA-S	SRK71ZMA-S
Outdoor			SRC63ZMA-S	SRC71ZMA-S
Power Supply			1 Phase 220~240V 50Hz	
Capacity	Cooling T1	kW	6.3 (2.15~7.1)	7.1 (2.15~8.0)
	Heating H1		7.1 (1.7~9.5)	8.0 (1.6~10.0)
	Heating H2		7.52	7.70
Input	Cooling T1	kW	1.76 (0.54~2.30)	2.16 (0.54~2.80)
	Heating H1		1.79 (0.37~3.30)	2.14 (0.37~3.40)
Energy Label	Cooling T1	Stars	2.5	2
	Heating H1		3	2.5
EER	Cooling T1		3.58	3.29
COP	Heating H1		3.97	3.74
	Heating H2		2.43	2.49
Sound Power Level (JIS C9612)	Cooling (Outdoor)	dB(A)	62	66
	Heating (Outdoor)		63	63
Sound Pressure Level (JIS C9612)	Cooling (Indoor)	dB(A)	47-43-37-26	49-45-39-26
	Heating (Indoor)		44-41-36-33	46-43-38-35
Silent Mode Sound Pressure Level	Cooling(Outdoor)	dB(A)	45	45
	Heating(Outdoor)		43	44
Airflow	Cooling (Indoor)	l/s	308-267-217-133	325-292-233-133
	Heating (Indoor)		342-300-242-208	358-325-258-233
External Dimensions (HXWXD)	Indoor	mm	318x1098x248	
	Outdoor		750x880(+88)x340	
Net Weight	Indoor	kg	16	
	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	15	
Clean Filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter	

SRK-ZMA-S

Wall mounted type

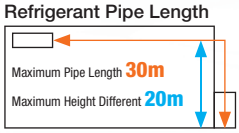
Hyper Inverter

Micro

SRK80ZMA-S

SRC80ZMA-S

Refrigerant Pipe Length



SRK80ZMA-S

FUNCTIONS

Comfortable

Comfortable Air Flow

Convenience & Economy

Maintenance & Prevention

Others

Indoor			SRK80ZMA-S
Outdoor			SRC80ZMA-S
Power supply			1 Phase 220~240V 50Hz
Capacity	Cooling T1	kW	8.0 (2.15~9.00)
	Heating H1		9.0 (1.70~10.5)
	Heating H2		8.10
Input	Cooling T1	kW	2.35 (0.54~3.00)
	Heating H1		2.57 (0.37~3.65)
Energy Label	Cooling T1	Stars	2
	Heating H1		2
EER	Cooling T1		3.40
COP	Heating H1		3.50
	Heating H2		2.64
Sound Power Level (JIS C9612)	Cooling(Outdoor)	dB(A)	69
	Heating(Outdoor)		70
Sound Pressure Level (JIS C9612)	Cooling(Indoor)	dB(A)	51-47-41-26
	Heating(Indoor)		48-45-40-37
Silent Mode Sound Pressure Level	Cooling(Outdoor)	dB(A)	48
	Heating(Outdoor)		50
Airflow	Cooling(Indoor)	l/s	350-308-250-133
	Heating(Indoor)		392-342-283-250
External Dimensions (Hxwxd)	Indoor	mm	318x1098x248
	Outdoor		845x970x370
Net Weight	Indoor	kg	16
	Outdoor		63
Refrigerant Piping	Liquid line	mm	Ø6.35
	Gas line		Ø15.88
	Connection method		Flare connection
Refrigerant R410A	Quantity	kg	2.2
	Pre charged to pipe length	m	15
Clean Filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter

Inverter Heat Pump Large Capacity.

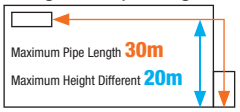
SRK-ZMA-S

Wall mounted type

SRK92ZMA-S

SRC92ZMA-S

Refrigerant Pipe Length



SRK92ZMA-S

FUNCTIONS

Comfortable

Comfortable Air Flow

Convenience & Economy

Maintenance & Prevention

Others

Indoor			SRK92ZMA-S
Outdoor			SRC92ZMA-S
Power supply			1 Phase 220~240V 50Hz
Capacity	Cooling T1	kW	9.2 (2.4~10.0)
	Heating H1		10.0 (2.2~11.2)
	Heating H2		9.40
Input	Cooling T1	kW	2.54 (0.47~3.07)
	Heating H1		2.84 (0.43~3.76)
Energy Label	Cooling T1	Stars	2.5
	Heating H1		2
EER	Cooling T1		3.62
COP	Heating H1		3.52
	Heating H2		2.80
Sound Power Level (JIS C9612)	Cooling(Outdoor)	dB(A)	67
	Heating(Outdoor)		67
Sound Pressure Level (JIS C9612)	Cooling(Indoor)	dB(A)	51-47-41-26
	Heating(Indoor)		49-46-42-38
Silent Mode Sound Pressure Level	Cooling(Outdoor)	dB(A)	49
	Heating(Outdoor)		50
Airflow	Cooling(Indoor)	l/s	350-308-250-133
	Heating(Indoor)		392-342-283-250
External Dimensions (Hxwxd)	Indoor	mm	318x1098x248
	Outdoor		1300x970x370
Net Weight	Indoor	kg	16
	Outdoor		92
Refrigerant Piping	Liquid line	mm	Ø6.35
	Gas line		Ø15.88
	Connection method		Flare connection
Refrigerant R410A	Quantity	kg	3.15
	Pre charged to pipe length	m	15
Clean Filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter

Manufacturers Specifications: All specfication tables are at nominal conditions. Refer to manufacturers technical manuals.

Inverter Heat Pump.

SRK-ZMA-S

Wall mounted type

HyperInverter

SRK20ZMA-S • SRK25ZMA-S • SRK35ZMA-S • SRK50ZMA-S

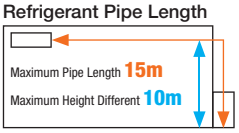
SRC20ZMA-S • SRC25ZMA-S
SRC35ZMA-S

SRC50ZMA-S

Single Multi

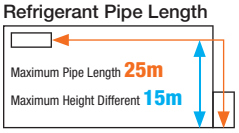
Most SRK-ZMA-S series can be selected for use as indoor units in combination with the SCM Multi system outdoor unit.

Refrigerant Pipe Length



SRK20ZMA-S • SRK25ZMA-S • SRK35ZMA-S

Refrigerant Pipe Length



SRK50ZMA-S

FUNCTIONS

Indoor			SRK20ZMA-S	SRK25ZMA-S	SRK35ZMA-S	SRK50ZMA-S
Outdoor			**SRC20ZMA-S**	**SRC25ZMA-S**	**SRC35ZMA-S**	**SRC50ZMA-S**
Power Supply			**1 Phase 220~240V 50Hz**			
Capacity	Cooling T1	kW	2.0 (1.00~2.70)	2.5 (1.00~2.90)	3.3 (1.0~3.80)	5.0 (1.6~5.5)
	Heating H1		2.7 (1.20~3.90)	3.2 (1.20~4.60)	4.0 (1.30~4.80)	5.8 (1.6~6.6)
	Heating H2		3.23	3.79	4.04	5.19
Input	Cooling T1	kW	0.44 (0.21~0.77)	0.575 (0.27~0.81)	0.87 (0.21~1.20)	1.55 (0.40~2.20)
	Heating H1		0.62 (0.27~1.38)	0.70 (0.27~1.36)	0.955 (0.29~1.45)	1.59 (0.42~2.10)
Energy Label	Cooling T1	Stars	4	4	3	1.5
	Heating H1		4	4.5	4	2.5
EER	Cooling T1		4.55	4.35	3.79	3.23
COP	Heating H1		4.35	4.57	4.19	3.65
	Heating H2		2.64	2.62	2.80	2.40
Sound Power Level (JIS C9612)	Cooling (Outdoor)	dB(A)	59	58	60	61
	Heating (Outdoor)		58	59	61	63
Sound Pressure Level (JIS C9612)	Cooling (Indoor)	dB(A)	33-27-24-21	34-28-24-21	45-32-26-22	46-37-28-25
	Heating (Indoor)		36-31-24-21	39-31-24-21	42-37-25-22	45-37-31-27
Silent Mode Sound Pressure Level	Cooling (Outdoor)	dB(A)	42	41	45	43
	Heating (Outdoor)		45	42	43	45
Airflow	Cooling (Indoor)	l/s	130-93-88-80	132-100-88-83	190-107-90-83	188-130-100-88
	Heating (Indoor)		163-105-83-75	183-108-85-77	213-157-102-80	225-170-125-103
External Dimensions (HXWXD)	Indoor	mm	294x798x229			
	Outdoor		540x780(+62)x290	595x780(+62)x290		640x800(+71)x290
Net Weight	Indoor	kg	9.5			
	Outdoor		31.5	35		41
Refrigerant Piping	Liquid Line	mm	Ø6.35			
	Gas Line		Ø9.52			Ø12.7
	Connection Method		Flare connection			
Refrigerant R410A	Quantity	kg	0.75	1.15		1.35
	Pre Charged To Pipe Length	m	15			
Clean Filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter			

Manufacturers Specifications: All specfication tables are at nominal conditions. Refer to manufacturers technical manuals.

Inverter Heat Pump (High COP).

SRF-ZJX-S

Floor type

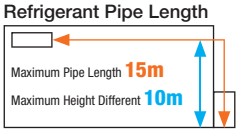
HyperInverter

SRF25ZJX-S • SRF35ZJX-S • SRF50ZJX-S1

SRC25ZJX-S • SRC35ZJX-S

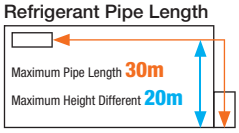
SRC50ZJX-S

Refrigerant Pipe Length



SRF25ZJX-S • SRF35ZJX-S

Refrigerant Pipe Length



SRF50ZJX-S

Single Multi

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

FUNCTIONS

Comfortable

Comfortable Air Flow

Convenience & Economy

Maintenance & Prevention

Others

New models coming soon!

Indoor			SRF25ZJX-S	SRF35ZJX-S	SRF50ZJX-S1
Outdoor			SRC25ZJX-S	SRC35ZJX-S	SRC50ZJX-S
Power supply			1 Phase 220~240V 50Hz		
Capacity	Cooling T1	kW	2.5 (0.9~3.2)	3.5 (0.9~4.1)	5.0 (1.1~5.2)
	Heating H1		3.4 (0.9~4.7)	4.5 (0.9~5.1)	6.0 (0.6~6.9)
	Heating H2		3.55	3.92	5.91
Input	Cooling T1	kW	0.521 (0.19~0.82)	0.890 (0.19~1.26)	1.390 (0.2~1.7)
	Heating H1		0.723 (0.23~1.2)	1.124 (0.23~1.43)	1.540 (0.2~2.15)
Energy Label	Cooling	Stars	4	2.5	2.5
	Heating		4	3	3
EER	Cooling T1		4.80	3.93	3.60
COP	Heating H1		4.70	4.00	3.90
	Heating H2		3.17	2.96	3.03
Sound Power Level (JIS C9612)	Cooling (Outdoor)	dB(A)	60	63	63
	Heating (Outdoor)		60	62	62
Sound Pressure Level (JIS C9612)	Cooling (Indoor)	dB	38-31-26	41-34-28	46-42-32
	Heating (Indoor)		38-34-28	41-36-31	47-41-33
Airflow	Cooling (Indoor)	L/s	150-126-96	153-130-106	192-160-110
	Heating (Indoor)		175-136-110	178-138-123	200-167-127
External Dimensions (HXWXD)	Indoor	mm	600X860X238		
	Outdoor		595X780(+62)X290		640X800(+71)X290
Net Weight	Indoor	kg	18	19	
	Outdoor		38		45
Refrigerant Piping	Liquid Line	mm	Ø6.35		
	Gas Line		Ø9.52		Ø12.7
	Connection Method		Flare connection		
Refrigerant R410A	Quantity	kg	1.2		1.5
	Pe Charged To Pipe Length	m	15		
Clean Filter			Enzyme & Photocatalytic Washable Deodorizing Filter		

Manufacturers Specifications: All specfication tables are at nominal conditions. Refer to manufacturers technical manuals.

Inverter Heat Pump.

SRK-YL-S

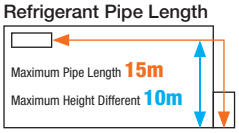
Wall mounted type

SRK10YL-S • SRK13YL-S • SRK18YL-S

SRC10YL-S • SRC13YL-S

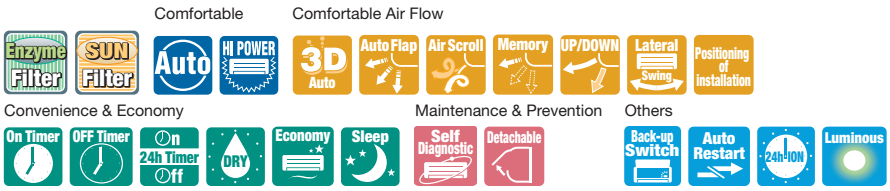
SRC18YL-S

Refrigerant Pipe Length



SRK10YL-S • SRK13YL-S • SRK18YL-S

FUNCTIONS



Indoor			SRK10YL-S	SRK13YL-S	SRK18YL-S
Outdoor			**SRC10YL-S**	**SRC13YL-S**	**SRC18YL-S**
Power supply			**1 Phase 220~240V 50Hz**		
Capacity	Cooling T1	kW	2.5 (1.0~2.7)	3.5 (1.0~3.7)	5 .0(1.6~5.5)
Input	Cooling T1		0.67 (0.21~0.88)	0.98 (0.21~1.24)	1.56 (0.40~2.20)
Energy Label	Cooling T1	Stars	2.5	2.5	1.5
EER	Cooling T1		3.73	3.57	3.21
Sound power level (JIS C9612)	Cooling(Outdoor)	dB(A)	59	62	67
Airflow	Cooling(Indoor)	L/s	133-103-75	167-113-77	200-127-78
External dimensions (HXWXD)	Indoor	mm	268x790x213		
	Outdoor		540x780(+62)x290		595x780x(+62)x290
Net weight	Indoor	kg	8.5		9.5
	Outdoor		29	32	35
Refrigerant piping	Liquid line	mm	Ø6.35		
	Gas line		Ø9.52		Ø12.7
	Connection method		Flare connection		
Refrigerant R410A	Quantity	kg	0.7	0.95	1.3
	Pre Charged To Pipe Length	m	15		
Clean Filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter		

Inverter Heat Pump.

SRK-YMA-S

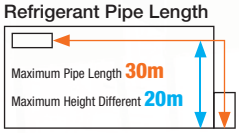
Wall mounted type

HyperInverter

SRK24YMA-S

SRC24YMA-S

Refrigerant Pipe Length



SRK24YMA-S

FUNCTIONS

Comfortable: Enzyme Filter, SUN Filter, Auto, HI POWER

Comfortable Air Flow: 3D Auto, Auto Flap, Air Scroll, Memory, UP/DOWN, Lateral Swing, Positioning of installation

Convenience & Economy: On Timer, OFF Timer, On Weekly timer Off, On 24h Timer Off, DRY, Silent, Economy, Sleep

Maintenance & Prevention: Self Diagnostic, Detachable

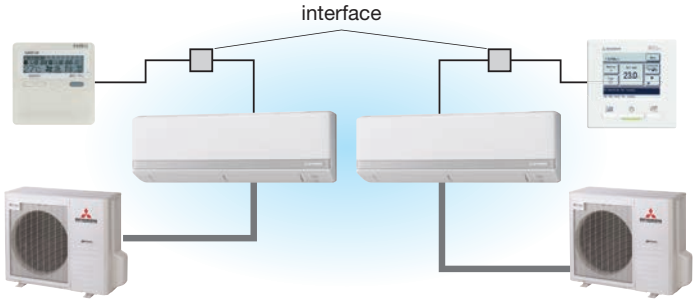
Others: Back-up Switch, Auto Restart, 24h ION, Luminous

Indoor			SRK24YMA-S
Outdoor			**SRC24YMA-S**
Power supply			**1 Phase 220~240V 50Hz**
Capacity	Cooling T1	kW	7.1 (2.15~8.0)
Input	Cooling T1		2.16 (0.54~2.80)
Energy Label	Cooling T1	Stars	2
EER	Cooling T1		3.29
Sound power level (JIS C9612)	Cooling(Outdoor)	dB(A)	66
Sound pressure level (JIS C9612)	Cooling Indoor	dB(A)	49-45-39-26
Silent Mode Sound Pressure	Cooling Outdoor	dB(A)	45
Airflow	Cooling(Indoor)	L/s	325-292-233-133
External dimensions (HXWXD)	Indoor	mm	318x1098x248
	Outdoor		750x880(+88)x340
Net weight	Indoor	kg	16
	Outdoor		56
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	15
Clean Filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter

Control Options.

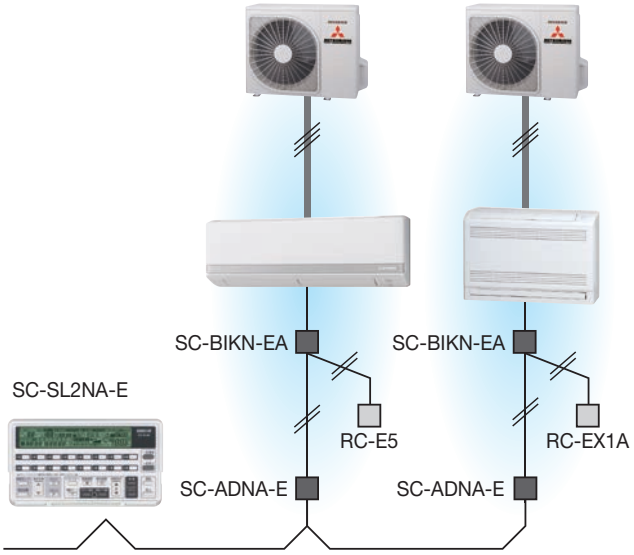
Wired remote control can be connected

Model	Interface	Remote Control
SRK63~92ZMA-S SRK20~60ZMXA-S SRK20~50ZMA-S SRK24YMA-S	SC-BIKN-EA	RC-E5 RC-EX1A

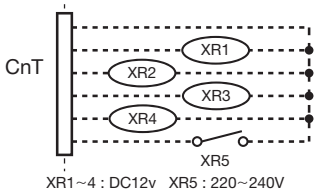


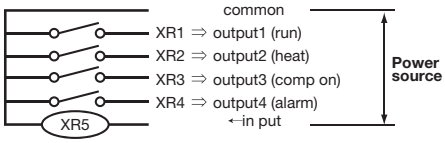
Can connect to SUPERLINK-II

Model	Interface	Remote Control
SRK63~92ZMA-S SRK20~60ZMXA-S SRK20~50ZMA-S SRK24YMA-S	SC-BIKN-EA SC-ADNA-E	RC-E5 RC-EX1A



CnT terminal is equipped on interface kit of SC-BIKN-EA





Model	Interface
SRK63~92ZMA-S SRK20~60ZMXA-S SRK20~50ZMA-S SRK24YMA-S	SC-BIKN-EA

Remote surveillance system

Card key on-off

Humidifier linkage

Functions.

Filter

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

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

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

Allergen System
Suppresses the influence of the allegen caught by the filter.

Self Clean
The indoor fan continues to operate on ultra low speed to dry the unit.

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

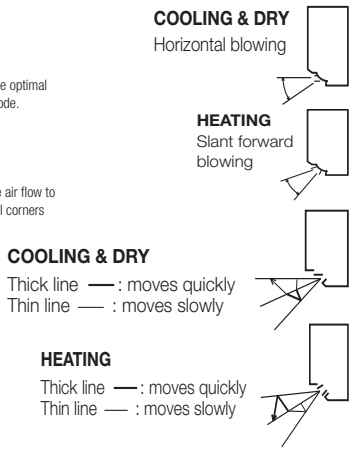
Three "Hot" System
'Hot start' enables the unit to begin heating operation quickly. 'Hot spurt' is a fast heating system that works to increase the temperature setting by two degrees. 'Hot keep' is used during the automatic defrost cycle to prevent cool air being circulated. These three operational control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

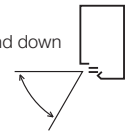
Air Scroll
The swing of the flap causes the air flow to spiral and the breeze to reach all corners of the room.



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 Outler 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.

Off Timer
The unit stops at the specified time.

Weekly Timer
Up to 4 programs with timer operation (ON-TIMER/ OFF-TIMER) are available for each day of the week. MAX 28 programs per week can be set.

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.

Dry Operation
The unit dehumidifies the room by intermittent cooling operation.

Silent Operation
The sound level of outdoor units is at least 3dB(A) lower than the nominal level.

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

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.

Night Setback
During cold seasons, room temperatures can be maintained at a comfortable level even while the room is unattended. The air conditioner keeps the temperature at 10°C.

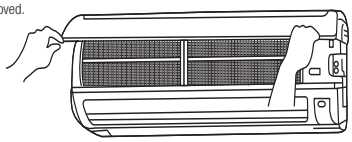
Maintenance & Prevention Functions

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.

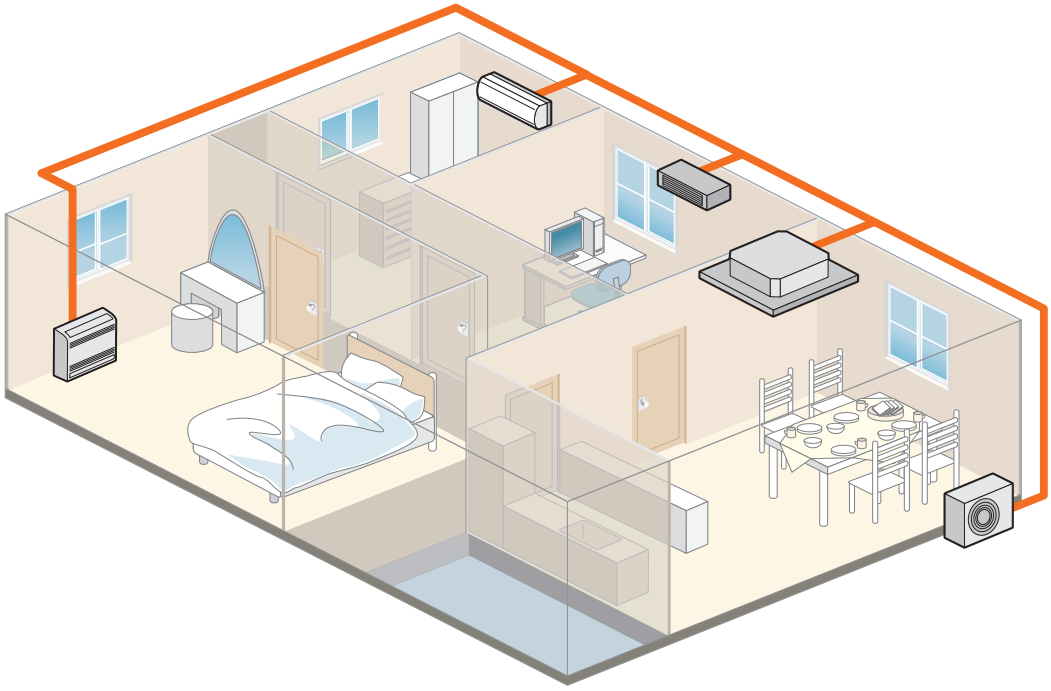
Auto Restart Function
Power blackout auto restart function records the operational status of the air conditioner immediately prior to being switched off by a power supply interruption. The unit automatically resumes operations in the mode and temperature set point after the power has been restored.

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.

SCM.

Multi Residential Air Conditioner.



Compact

A Mitsubishi Heavy Industries inverter multi-split system allows 2 to 6 indoor units to be connected to a single outdoor unit. This allows multiple rooms to be conditioned without adding clutter to the exterior of your home. One compact multi-split outdoor unit instead of many outdoor units not only adds to the asthetic appeal your home but can be imperative when there is not much space available, for example, when installing outdoor units on balconies or verandahs.

Installation Flexibility

With a generous maximum piping length of 70m*, you are given greater freedom to decide where the indoor units will be installed to optimise interior space and convenience. In addition, a maximum height difference of 25m* for the indoor units means the Mitsubishi Heavy Industries inverter multi-split system can easily service the rooms for multi storey homes.

*Please check model specifications as these pipe lengths and height differences do not apply to all models.

Variety of Indoor Units

The indoor unit range includes wall mounted, floor standing, low static bulkhead or compact cassette types in a wide range of capacities. This makes hundreds of combinations possible for your home. You can choose the right type of indoor unit to complement the interior décor and match the size of each room.

Independent Control and Comfort

Each indoor unit comes with its own remote allowing the unit to be independently switched on/off and have the temperature adjusted as needed. The conditions of rooms can vary greatly depending on many variables such as the number of occupants or the way the room is used. With a range of comfort, air flow and convenience functions on each indoor unit, you can adjust the settings to match the requirements of a room without affecting other ones. When a room is unoccupied you can switch off the unit to reduce inefficient energy use.

5 Year Warranty

When you buy a Mitsubishi Heavy Industries inverter multi-split system, you are getting an air conditioning solution from a company that some of the highest quality products in the industry. Mitsubishi Heavy Industries enjoys a reputation for outstanding quality and is highly respected both in the Australian and overseas markets. With our 5 Year Warranty covering the parts, labour and compressor, you can peace of mind that your new Mitsubishi Heavy Industries inverter multi-split system will continue to deliver air-conditioning comfort to your home through the years.

Please go to our website for more details.

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.

MITSUBISHI HEAVY INDUSTRIES
AIR-CONDITIONERS AUSTRALIA, PTY. LTD.

MHIAA is proudly sponsoring Monika's Doggie Rescue

Australia:
ABN 92 133 980 275

Phone: 1300 138 007 Fax: 1800 644 329

NSW & Head Office
9C Commercial Road
Kingsgrove NSW 2208
PO Box 318 Kingsgrove
NSW 1480

Victoria
2/24 Lakeside Drive
Burwood East
VIC 3151

Brisbane
5/26 Flinders Parade
North Lakes
QLD 4509

Townsville
12/31 Fleming Street
Aitkenvale
QLD 4812
PO Box 1386 Aitkenvale
QLD 4814

Western Australia
Unit 3A 2 Mulgul Rd
Malaga WA 6090
PO Box 2089 Malaga
WA 6944

www.mhiaa.com.au

New Zealand:
G.S.T. 105-673-620

Phone: 0800 138 007 Fax: 09 442 5346

Auckland
Unit 2 100 Bush Road
Albany 0632
PO Box 300552
Albany 0632

www.mhiaa.co.nz

MRE SPARE PARTS www.mrespareparts.com.au Tel: +61 (0) 2 9600 7444 Fax: +61 (0) 2 9600 8044

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

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

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

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

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Parts and Labour 5 Year Warranty

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