



ecolution

High Performance Air Conditioning



SR series

Residential Air Conditioners

 **MITSUBISHI**
HEAVY INDUSTRIES, LTD.

50Hz
09R01E-A-0



Wall Mounted type
SRK

The industry's highest levels
COP 5.71
(SRK20ZIX-S
in the cooling operation)

3D AUTO
Programmed air distribution

Sophisticated design

Quiet operation

***Industry leading energy efficiency
from our high technology.***

ZIX series

and high reliability

Floor Standing type

SRF

The industry's highest levels

COP 4.80

(SRF25ZIX-S
in the cooling operation)



Auto air outlet selection
lower and upper outlets

Sophisticated design

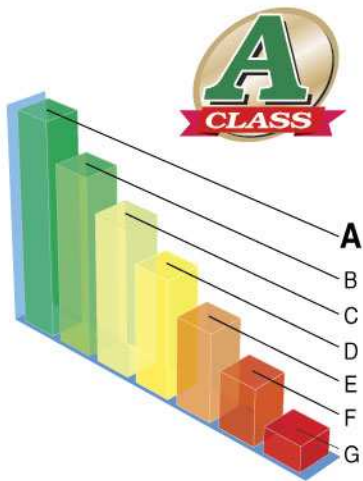
Quiet operation

High Efficiency

Consideration for the Environment

Several radical changes of the design and engineering developments have brought about a vast improvement in energy efficiency and environmental protection.

ENERGY LABEL "Class A"



Energy		Air-conditioner	
Manufacturer			
Outside unit			
Inside unit			
More efficient			
A			
B			
C			
D			
E			
F			
G			
Less efficient			
Annual energy consumption, kWh in cooling mode			
Cooling output kW			
Energy efficiency ratio			
Type			
Cooling only			
Cooling + Heating			
Air cooled			
Water cooled			
Heat output kW			
Heating performance			
A: Higher G: Lower			
Noise (dB(A) re 1 pW)			
Further information is contained in product brochures			
Air-conditioner Energy Label Directive 2002/91/EC			

Employment of lead-free solder

Adapted to RoHS directive

RoHS: Restriction of Hazardous substances

In order to avoid the release of hazardous substances to the global environment, all models have realized applications of lead-free solder.

It has been considered to be difficult to use lead-free solder for practical applications because it requires higher solder temperatures at assembly, which could jeopardize reliability. PbF soldering method developed by us, however, has enabled to realize a higher reliability of quality for lead-free printed circuit boards.

Employment of R410A

All models use refrigerant R410A characterized by the ozone depletion coefficient being 0.

Excellent Energy Saving

A High Performance and Excellent Energy Saving are achieved at the same time by an increased capacity of heat exchanger and employment of high efficiency DC motor etc.

The industry's highest COP levels

All the ZIX and ZE series have cleared the Class A standard, the highest energy saving level, with our high COP.

EER in Cooling



COP in Heating



Applied models
SRK-ZIX, SRK-ZE,
SRK-ZG, SCM-ZG

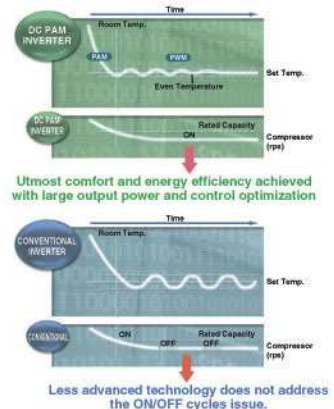
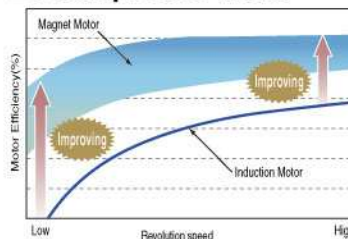
QUICK & HIGH EFFICIENCY Control DC PAM inverter

An inverter driven system has a number of performance advantages over a constant speed system. For example, its variable compressor outputs can ensure quick heating after a startup and attain a set temperature more quickly.

Then, the air conditioner can slow down its compressor speed to save energy, keeping comfortable conditions. Moreover, the compressor is DC driven, so it provides higher performance.



DC compressor motor



Applied models
SRK-ZIX

New Inverter Control (Vector control)

New Inverter Control has applied new advanced technology of Vector control and has realized high efficiency.

- Smooth operation from low speed to high speed
- Smooth Sine Voltage Wave form are attained
- Energy efficiency is further improved in low speed range

Our latest technologies

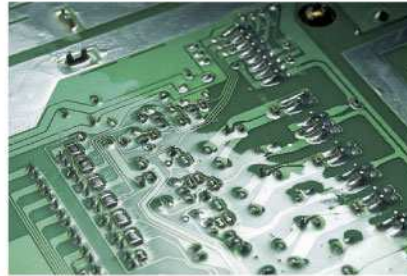
New propeller fan

Matching a new propeller fan with a fan motor has been optimized in order to keep the same capacity as that of previous models with less electrical consumption. Synergy effect with leaf shape grill has realized improvement of energy efficiency by 5% and decrease of sound level.(SRC50/60ZIX-S)



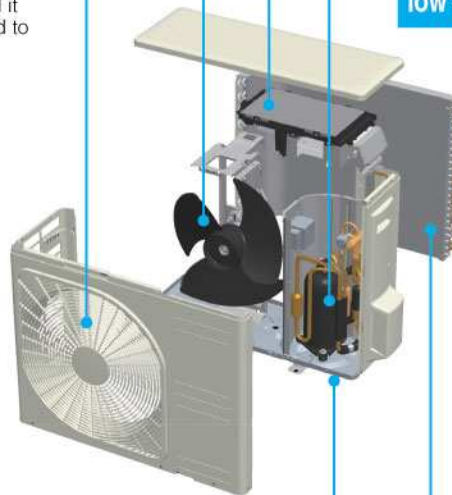
Silicon-coated PCB

The printed wiring board of the outdoor unit is coated by silicon. It lasts long having a tolerance for humidity.(All SRC)



Energy saving leaf shape grill

Radial shape grill has been developed in order to realize natural air flow sent by propeller fan along with it. Airflow is very smooth with minimum air resistance and it can make decrease motor load and lead to improvement of energy efficiency.



High efficiency scroll compressor Realizing low vibration and low sound level

Thanks to applying scroll compressor, improvement of energy efficiency has been realized with lower vibration and lower sound level. Furthermore high efficiency and high output has realized by use of neodymium magnet applied in the motor. The magnet produces huge neodymium energy, reducing loss occurred during compression of refrigeration.(SRC50/60ZIX-S)



photo is composite image

ZAM steel sheet

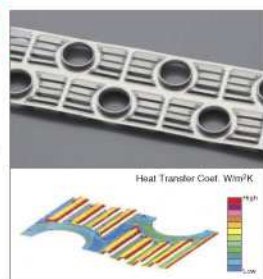
ZAM steel sheet is applied at base of outdoor units. ZAM has superior corrosion resistance and scratch resistance properties compared to conventional materials.

- 1) ZAM is a registered trademark of Nissin Steel Co., Ltd.
- 2) ZAM is a coined name applied to hot-dipped zinc-aluminum-magnesium-alloy-coated steel sheet developed by Nissin Steel Co., Ltd.



Indoor unit

Optimization of combination of fin configuration and copper tube has achieved maximum air flow keeping size in width of indoor unit. Efficiency rate of heat exchanger has been drastically improved by 30% compared with previous models. New fin can realize maximum air flow and saving energy simultaneously.



Outdoor unit

Thanks to changing fin configuration from flat sheet to new M shape fin, efficiency has been improved by 10%. Optimum balance of heat transfer and air flow has been achieved in a high-dimensional structure.



3D AUTO Vertical + Horizontal AIR SCROLL

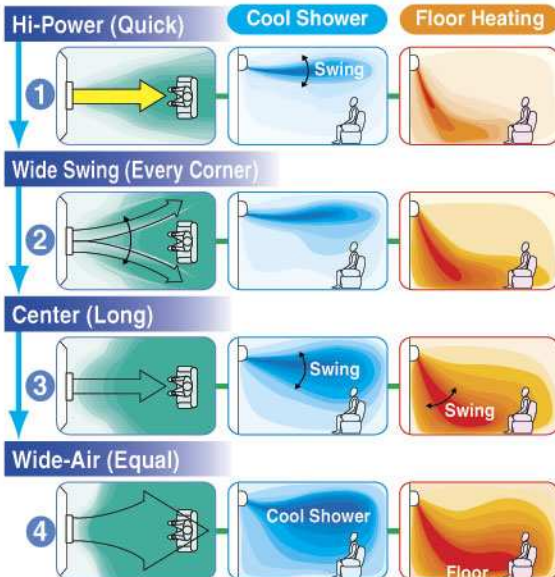


Applied models
SRK-ZIX, SRK-ZG,
SKM-ZG
SRK63/71ZE, HE
Manual Setting only



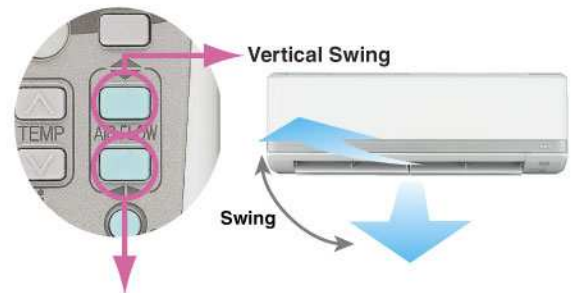
3D AUTO is one touch programmed and three motors (one vertical working motor + two horizontal working motors) make three independent air flow controls. The airflow is uniform and quiet and reaches at long distance points from the blower.

Programmed 3D AUTO

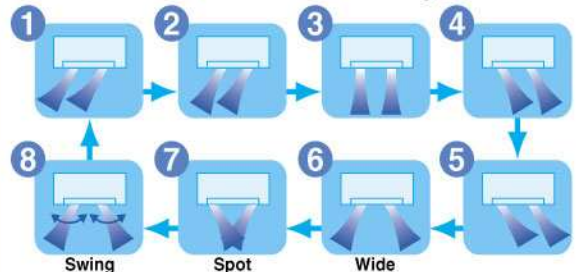


Thanks to automatic control of air flow volume and air flow direction, comfortable air conditioning of the entire room can be done effectively.
In cooling operation cooled air flows directly to the ceiling. The cooled air does not flow directly to the occupants of the room and the comfort cooled air flow comes from the ceiling like a soft shower.
In heating operation warm air flows to the floor directly and spreads along the floor. Due to concentration of the warm air on the floor level, optimum comfort can be realized.

Manual Setting



Horizontal Air Scroll 8 Direction Swing



By individual control of right and left part of louver, air flow direction from the right part and the left part are controlled individually. Setting the most preferable air flow direction and determining whether direct air flow is required or not at the same time minimizing of energy loss and economical operation has realized.

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

Jet Air Scroll Long Reach & Silent Air Flow

Applied models
All SRK, SKM

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

CFD (computational fluid dynamics), used in blade shape design of jet engines, has been applied to the design of air channels in air conditioners to develop the ideal air channel system (air circulation). The airflow of the jets created in this system enable a large volume of air to be blown with minimum power consumption, yet the air flow is uniform, quiet and reaches points a long distance from the blower.



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

Long Reach Air Flow

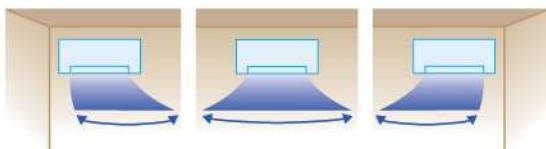
Powerful airflow is realized by Jet technology. Good for large living rooms and shops. Increase your comfort.



Applied models
SRK50/60ZIX,
SRK63/71ZE, HE

Positioning of Installation

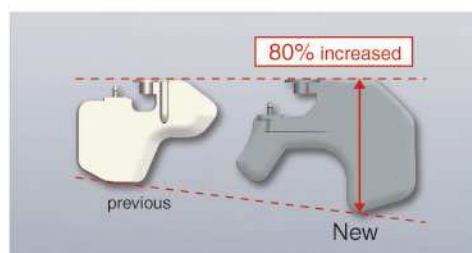
You can set the left-right air flow directions when you installed the air conditioner near the side wall by remote controller operation.



Applied models
SRK-ZIX, SRK-ZG,
SKM-ZG

New louver

Due to redesigned size and shape, the new louver has been increased in surface area by 80%. In addition to increase of air flow volume, it has improved controllability of swinging to right and left.



Applied models
SRK-ZIX

Clean Air



Applied models
All SRK, SKM



Generates the same amount of negative ions as a forest environment

24-hour ION

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

Applied models
All SRK, SKM

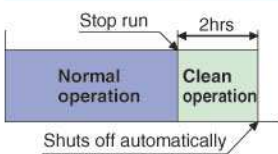


Always keeping the indoor unit clean

Self Clean operation

“Self clean operation” is operated for 2 hours after the unit has stopped its normal operation.

The indoor unit is dried up and the growth of mold is restrained. Users can select whether this mode is utilized or not.

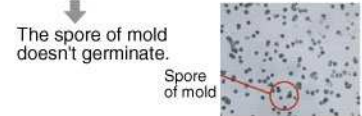


Situation of mold after one week

When you don't execute “Self Clean Operation”



When you execute “Self Clean Operation”



Applied models
SRK-ZIX, SRK-ZG,
SRK-ZE



Push ALLERGEN Mode

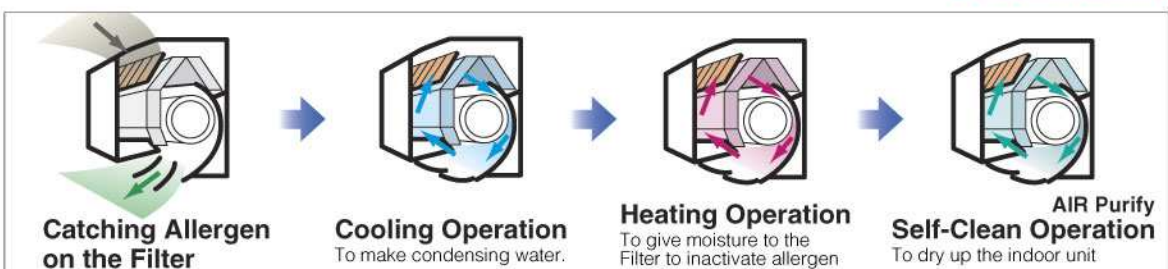
The air in your room is kept fresh

Allergen Clear system

First in the world

“Allergen Clear system” is equipped to suppress the influence of the allergen caught by the filter by controlling the temperature and humidity.

20 of Patent Pending



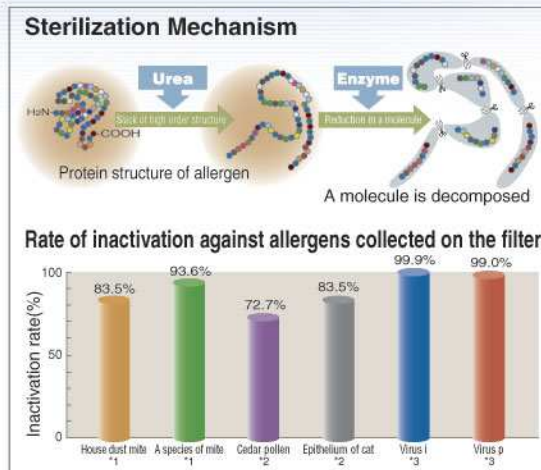
This is the original and only technology to control the temperature and humidity for inactivating allergens

Allergen Clear Filter

Enzyme + Urea deactivates allergens and kills bacteria.



The allergen clear filter breaks down the pollen, lice, and allergens that live on cat skins, etc. and deactivates them. The secret of deactivation is the Enzyme-urea compound. It deactivates not only allergens but also all kinds of bacteria, molds and viruses. Even if allergens and bacteria, etc. fly off of the filter, they are deactivated, so the air in your room is kept fresh.



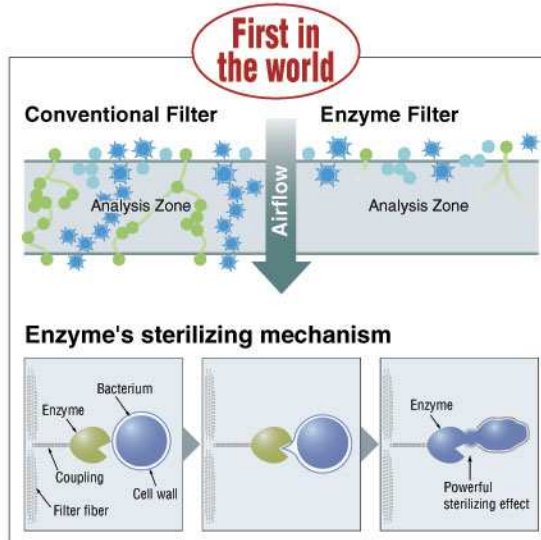
Sure to destroy fungi and bacteria, also effective on viruses and allergenic compounds (Cat hair, dust mite, pollen etc.)

Natural Enzyme Filter

The first release in this range of the enzyme-sterilizing filter



Enzymes used in these filters are naturally occurring lytic enzymes. The lytic enzymes attack cell walls of microorganisms trapped on a filter and destroy them and doing so, have a powerful sterilizing which will effect decrease the number of molds and bacteria. Natural Enzyme Filter will clean and sanitize air passing through it to keep air in the room clean and safe.



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

Photocatalytic Washable Deodorizing Filter



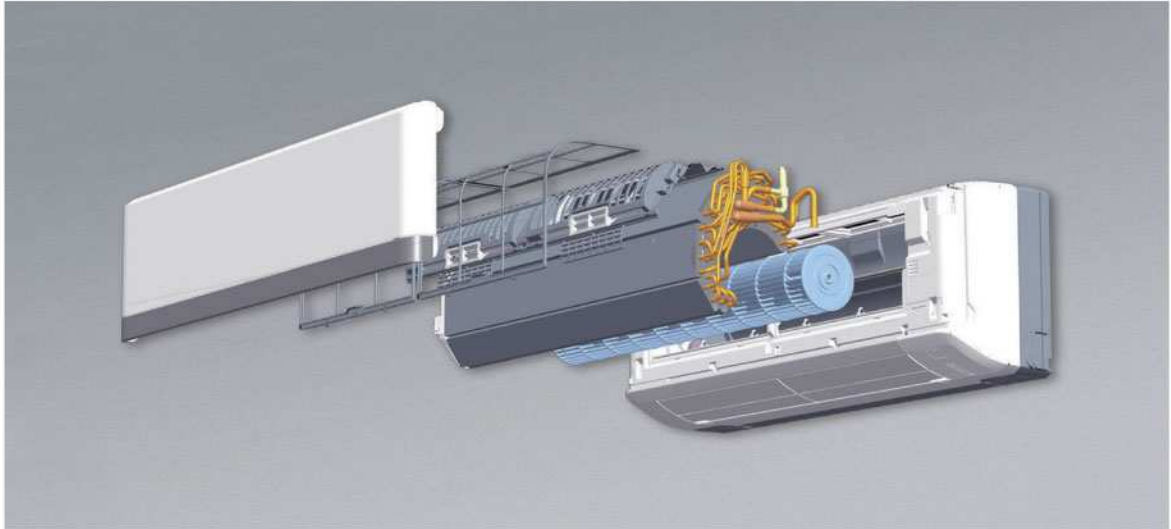
It will keep the air fresh by deodorizing the molecules causing odor. Its deodorizing power can be restored by washing with water and drying under the sun, as such it is a Recycling deodorizing filter capable of repeat use.



Used in models

Filter	Indoor Unit	SRK-ZIX	SRK-ZE	SRK-ZG	SRF-ZIX	SRK-HG	SRK-HE	SKM-ZG
Allergen Clear Filter		1pc	1pc	1pc	—	—	—	—
Natural Enzyme Filter		—	—	—	1pc	1pc	1pc	1pc
Photocatalytic Washable Deodorizing Filter		1pc	1pc	1pc	1pc	1pc	1pc	1pc

Anti-microbial specifications and design will deliver cleanliness and safety Anti-microbial blower fan

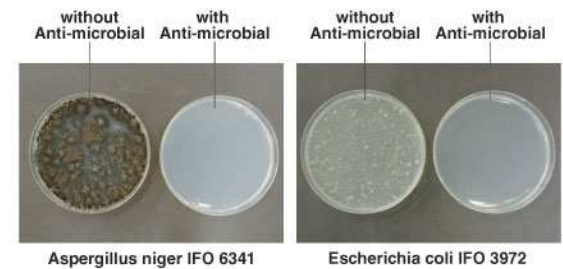


The blower fan has undergone anti-microbial treatment to resist mold and germs, making the system clean and safe. Foul odors and molds, etc. which can occur when an air conditioning system is not in operation are prevented.



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

- 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.



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

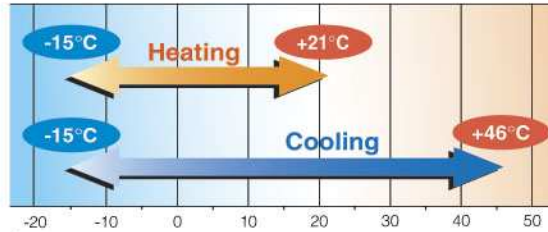
Tested Contaminant	Measurement	Test Pieces	Bacteria Count Per Test Piece		
			Measurement 1	Measurement 2	Measurement 3
Escherichia coli IFO 3972 coli	Immediately after contact	Not treated	1.9×10^5	1.6×10^5	1.3×10^5
	After 24 hrs at 35°C	Test piece 1 Not treated	<10 3.8×10^6	<10 4.9×10^6	<10 7.2×10^6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

Test Pieces 1) Products with Antimicrobial and Antifungal Treatment

Wide Operation Range

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

Our new advanced technology has expanded the heating and cooling operation range. This permits installation of the units considering a heating and cooling operation under a low temperature condition down to -15°C .



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

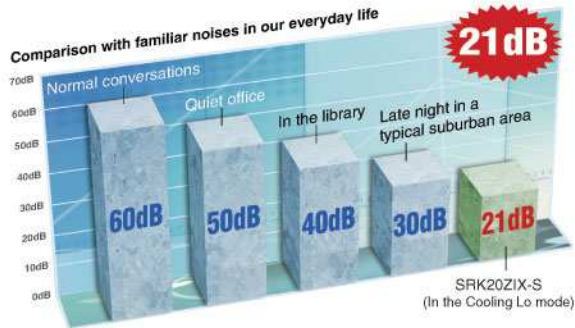
Applied models
SRK-ZIX, SRK-ZE,
SRK-ZG, SCM-ZG

Hi quality air long reach & silent flow

Quiet operation

This is the secret of quiet operation.

In addition to a jet airflow system delivering uniform winds to every corner, it has an optimized serration stabilizer configuration, which ensures smooth wind flow. It makes it possible to lower operation noises further by minimizing the interaction between wind flows 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 unit to obtain optimum air-conditioning.



Sensor for indoor temperature



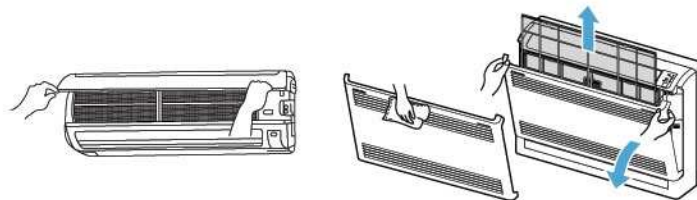
Sensor for outdoor temperature

Sensor for indoor humidity

Applied models
SRK50/60ZIX,
SRF-ZIX

Washable filter and easy cleaning of air inlet panel

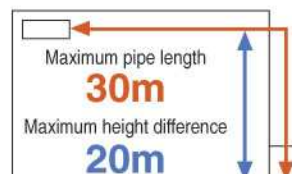
Removing air filter is quite easy. Keeping air filter clean is effective way to save energy and to keep the original powerful performance. Air inlet panel is also removable and can be cleaned easily.



Applied models
All SRF, SKM,
SRF

Long piping length

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



Applied models
SRK50/60ZIX,
SRK-ZE

Product Line Up



RoHS

Model		Capacity Range (kW : Rated cooling capacity)										page	
		2.0	2.5	2.8	3.5	4.0	5.0	5.6	6.0	6.3	7.1		
HEAT PUMP DC INVERTER	SRK-ZIX series NEW 												14
	SRF-ZIX series NEW Floor Standing type 												16
	SRK-ZE series 												18
	SRK-ZG series 												19
HEAT PUMP CONSTANT SPEED	SRK-HG series 												20
	SRK-HE series  												21
													21

Model		2.0	2.2	2.5	2.8	3.5	4.0	4.5	4.8	5.0	5.6	6.0	6.3	7.1	8.0	page	
INVERTER Free-Multi	SKM Wall mounted type  															24	
																24	
	SRRM Ceiling Concealed type 																25
	STM 4way ceiling cassette type 600x600 Super Compact type 																25
OUTDOOR UNIT SCM								2 rooms 		3 rooms 		3 rooms 				23	
															4 rooms 	23	

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 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.

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 among heating, cooling and dry operations.



"HI POWER" Operation

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



Three "Hot" System

This series offers three "hot" systems. "Hot start" allows the unit to begin operating immediately, while the "hot spurt" fast-heating system works to increase the temperature setting by two degrees. The "hot keep" system is used during automatic defrosting or to prevent the influx of cool air. These three operational control systems help ensure comfortable and efficient heating.

Comfortable Air Flow Functions



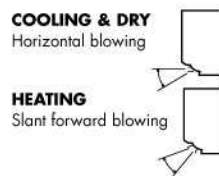
3D Auto

You can choose the best cooling or heating pattern by only pushing one button.



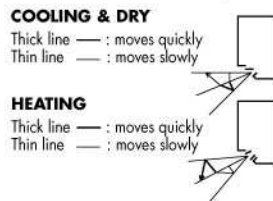
Auto Flap Mode

Whatever the operating mode is, the unit automatically selects the optimal angle.



Air Scroll

The swing of the flap causes the air flow to spiral as it reaches the floor, and breeze reaches all of a room.



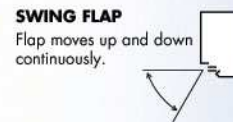
Memory Flap

While the flap is swinging, it can be stopped at any angle desired. The flap returns to the position that it was in when operation last stopped.



Up/Down Flap Swing

The UP/DOWN flap can be adjusted to the preferred operations angle, ranging from horizontal to perpendicular.



Lateral swing

It sends a pleasant breeze to a wide range in the room by swinging the louver to right and left automatically. Louver angle can be fixed at any desired position.



Air outlet selection

Both lower and upper air outlets and upper air outlet can be selected.



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 facility enables the operation to start a little earlier, so that the room approaches optimum temperature at ON time when the operation is started by ON-TIMER. Thus it will try to be at the temperature you want, when you want.



Economy Mode

The unit realizes effective energy saving operation, while still keeping a comfortable cooling and heating condition.



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



Off Timer

The unit stops automatically at the set time.



Sleep Mode

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

Maintenance & Prevention Functions



Microcomputer-Operated Defrosting

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



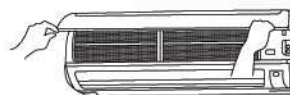
Self-Diagnostic Function

In the case that the air conditioner malfunctions, an internal microcomputer automatically 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 also be removed.



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

Others



Back-up Switch

On the main unit, there is a backup on/off switch, which is useful when you can't use remote control, or batteries are flat.



Auto Restart Function

Power blackout auto restart function is a function that records the operational status of the air-conditioner immediately prior to it being switched off by a power cut, and then automatically resumes operations at that point after the power has been restored.



24-hour ION

Tourmaline-coated sheet generates negative ions around the clock. Even when the air conditioner is not running, it generates as many negative ions as a forest, stream or fall does, allowing you to experience them without incurring any electricity charges.



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 HEAT PUMP MODEL (High COP)

SRK-ZIX series



NEW

SRK20ZIX-S, SRK25ZIX-S, SRK35ZIX-S
SRK50ZIX-S, SRK60ZIX-S



SRC20ZIX-S, SRC25ZIX-S, SRC35ZIX-S



SRC50ZIX-S, SRC60ZIX-S

FUNCTION

Comfortable Functions

- Allergen Filter
- SUN Filter
- Fuzzy Auto
- HI POWER

Comfortable Air Flow Functions

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

Convenient & Economy Functions

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

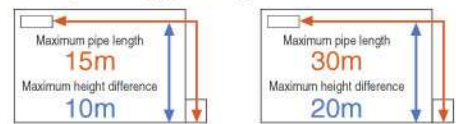
Maintenance & Prevention Functions

- MC
- Self Diagnostic
- Detachable

Others

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

Refrigerant pipe length



SRK20ZIX-S
SRK25ZIX-S
SRK35ZIX-S

SRK50ZIX-S
SRK60ZIX-S

SPECIFICATIONS

Item	Model (Indoor unit/Outdoor unit)	SRK20ZIX-S SRC20ZIX-S	SRK25ZIX-S SRC25ZIX-S	SRK35ZIX-S SRC35ZIX-S	SRK50ZIX-S SRC50ZIX-S	SRK60ZIX-S SRC60ZIX-S
Power supply		1Phase, 220/230/240V, 50Hz				
Cooling capacity	ISO-T1(JIS)	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)
Heating capacity	ISO-T1(JIS)	kW	2.5(0.9~4.3)	3.13(0.9~4.7)	4.3(0.9~5.1)	6.0(0.7~8.8)
Cooling input	at 230V	kW	0.35(0.19~0.70)	0.49(0.19~0.82)	0.845(0.19~1.01)	1.30(0.2~2.20)
Heating input	at 230V	kW	0.45(0.23~1.00)	0.595(0.23~1.12)	0.96(0.23~1.35)	1.35(0.2~2.26)
Cooling energy label		A				
Heating energy label		A				
EER (In cooling)			5.71	5.20	4.14	3.85
COP (In heating)			5.56	5.26	4.48	4.44
Cooling current		A	1.9/1.8/1.7	2.5/2.4/2.3	4.0/3.8/3.6	6.0/5.7/5.5
Heating current		A	2.4/2.3/2.2	3.1/2.9/2.8	4.6/4.4/4.2	6.2/5.9/5.7
Sound power level *	Cooling(Indoor/Outdoor)	dB(A)	53/60	55/60	58/63	60/62
	Heating(Indoor/Outdoor)	dB(A)	54/59	58/60	59/62	62/62
Sound pressure level *	Cooling(Indoor)	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
	Heating(Indoor)	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
Exterior dimensions (H×W×D)	Indoor	mm	309×890×220			
	Outdoor	mm	590×780(+62)×290			640×800(+71)×290
Net weight	Indoor/Outdoor	kg	15/38			15/43
Refrigerant piping	O.D	Liquid line	mm(in)			φ 6.35(1/4")
		Gas line	mm(in)			φ 9.52(3/8")
	Connecting method	Flare connecting				
Refrigerant			R410A			
Clean filter			Allergen Clear Filter × 1, Photocatalytic Washable Deodorizing Filter × 1			

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

The industry's highest COP levels

Our new models, SRK20/25/35ZIX-S have reached the highest level of COP (coefficient of performance) in the industry with full model change both of indoor and outdoor units, utilizing advanced technologies which have been applied for our larger models SRK50/60ZIX-S.



Movable air inlet panel

Applying a movable air inlet panel, minimization of air resistance and advanced design are realized.

Unification of indoor unit design

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



Remote control

Operation section



The above illustration shows all controls, but in practice only the relevant parts are shown.

NOTE

SRK50/60ZIX-S can be selected for use as indoor units in the combination with V multi system outdoor unit. Refer to our PAC brochure for details.

INVERTER HEAT PUMP MODEL (High COP)

SRF-ZIX series



SRF25ZIX-S, SRC35ZIX-S



SRC50ZIX-S



NEW SRF25ZIX-S, SRF35ZIX-S, SRF50ZIX-S

The highest COP level in the industry

Our experience, research and development efforts with the floor standing series have realized the highest COP level in the industry and all models clear A class level by wide margin. Indoor units are totally new design with optimum balance of air outlet direction and sufficient air flow volume.

EER in Cooling



COP in Heating



FUNCTION

Comfortable Functions

- 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
- 24h Timer
- On Timer

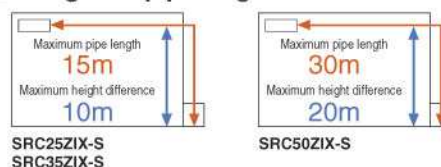
Maintenance & Prevention Functions

- MC
- Self Diagnostic
- Detachable

Others

- Back-up Switch
- Auto Restart
- 24h-ION
- Luminous

Refrigerant pipe length



SPECIFICATIONS

Item	Model (Indoor unit/Outdoor unit)	SRF25ZIX-S SRC25ZIX-S	SRF35ZIX-S SRC35ZIX-S	SRF50ZIX-S SRC50ZIX-S
Power supply		1Phase, 220/230/240V, 50Hz		
Cooling capacity	ISO-T1(JIS)	kW	2.5(0.9~3.2)	3.5(0.9~4.1)
Heating capacity	ISO-T1(JIS)	kW	3.4(0.9~4.7)	4.5(0.9~5.1)
Cooling input	at 230V	kW	0.521(0.19~0.82)	0.890(0.19~1.26)
Heating input	at 230V	kW	0.723(0.23~1.20)	1.124(0.23~1.43)
Cooling energy label		A		
Heating energy label		A		
EER (In cooling)		4.80	3.93	3.60
COP (In heating)		4.70	4.00	3.90
Cooling current		A	2.6/2.5/2.4	4.1/3.9/3.7
Heating current		A	3.6/3.4/3.3	5.2/4.9/4.7
Sound power level *	Cooling(Indoor/Outdoor)	dB(A)	49/60	50/63
	Heating(Indoor/Outdoor)	dB(A)	49/60	50/62
Sound pressure level *	Cooling(Indoor)	dB(A)	Hi:38 Me:31 Lo:26	Hi:39 Me:33 Lo:28
	Heating(Indoor)	dB(A)	Hi:38 Me:34 Lo:28	Hi:39 Me:35 Lo:31
Exterior dimensions (H×W×D)	Indoor	mm	600×860×238	
	Outdoor	mm	590×780(+62)×290	
Net weight	Indoor/Outdoor	kg	18/38	19/38
Refrigerant piping	O.D	Liquid line	mm(in)	
		Gas line	mm(in)	
	Connecting method		Flare connecting	
Refrigerant			R410A	
Clean filter			Natural Enzyme Filter×1 Photocatalytic Washable Deodorizing Filter×1	

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

Sophisticated Design

With classy semi flat front panel in chic white, the new series fit in various kinds of rooms and create relaxing atmosphere. Choice of wall hanging, floor standing or behind gallery installation is available.

Quiet Operation

Thanks to optimum balance of air outlet direction and sufficient air flow volume, the sound level has been minimized. The level of SRF25ZIX-S in the cooling to mode is 26dB(A) only.



Auto air outlet selection

Heating operation:

In case both lower and upper outlets operation with Auto fan speed mode is selected, the lower outlet will be kept for twenty minutes after the start or until room temperature is close to reaching the setting point. And 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:

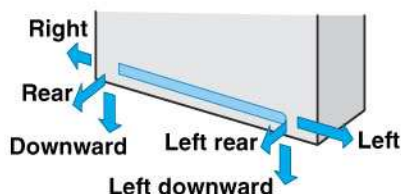
In case both lower and upper outlets operation is selected in Cooling or Dry operation, both outlets will be kept for sixty minutes after the start or until room temperature is below the setting point. And then the air outlet will change to the upper outlet. That state will be maintained until switch is turned off.

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



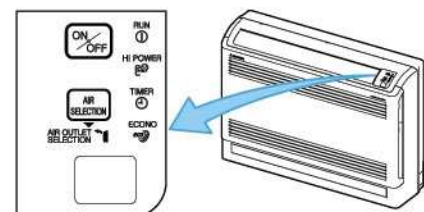
Installation workability

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 air flow direction button. Further control can be arranged by a remote control.



INVERTER HEAT PUMP MODEL (High COP)

SRK-ZE series

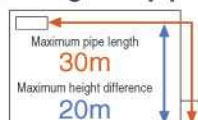


SRK63ZE-S1, SRK71ZE-S1



SRC63ZE-S1, SRC71ZE-S1

Refrigerant pipe length



SRK63ZE-S1
SRK71ZE-S1

FUNCTION



Comfortable Functions



Comfortable Air Flow Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



SPECIFICATIONS

Item	Model (Indoor unit/Outdoor unit)		SRK63ZE-S1 SRC63ZE-S1	SRK71ZE-S1 SRC71ZE-S1
Power supply	1Phase, 220/230/240V, 50Hz			
Cooling capacity	ISO-T1(JIS)	kW	6.3(0.9~7.1)	7.1(0.9~8.0)
Heating capacity	ISO-T1(JIS)	kW	7.1(0.9~8.5)	8.0(0.9~10.5)
Cooling input		kW	1.84(0.32~2.33)	2.21(0.32~2.98)
Heating input		kW	1.86(0.26~2.62)	2.21(0.26~3.75)
Cooling energy label				A
Heating energy label				A
EER (In cooling)			3.42	3.21
COP (In heating)			3.82	3.62
Cooling current		A	8.4/8.1/7.7	10.1/9.7/9.3
Heating current		A	8.5/8.2/7.8	10.1/9.7/9.3
Sound power level*	Cooling(Indoor/Outdoor)	dB(A)	58/62	60/67
	Heating(Indoor/Outdoor)	dB(A)	59/63	60/64
Sound pressure level *	Cooling(Indoor)	dB(A)	Hi:43 Me:39 Lo:33 UL:26	Hi:45 Me:40 Lo:34 UL:26
	Heating(Indoor)	dB(A)	Hi:44 Me:38 Lo:32 UL:27	Hi:46 Me:40 Lo:34 UL:27
Exterior dimensions (H×W×D)	Indoor	mm	318×1098×248	
	Outdoor	mm	750×880(+88)×340	
Net weight	Indoor/Outdoor	kg	18/65	
Refrigerant piping	O.D.	Liquid line	φ 6.35 (1/4")	
		Gas line	φ 15.88(5/8")	
		Connecting method	Flare connecting	
Refrigerant			R410A	
Clean filter			Allergen Clear Filter X 1, Photocatalytic Washable Deodorizing Filter X 1	

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

INVERTER HEAT PUMP MODEL

SRK-ZG series



SRK20ZG-S
SRK25ZG-S
SRK35ZG-S



SRK20ZG-S, SRK25ZG-S
SRK35ZG-S, SRK50ZG-S

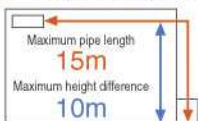


SRC20ZG-S, SRC25ZG-S
SRC35ZG-S



SRC50ZG-S

Refrigerant pipe length



SRK25ZG-S
SRK35ZG-S



SRK50ZG-S

FUNCTION



Comfortable Functions



Comfortable Air Flow Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



SPECIFICATIONS

Model (Indoor unit/Outdoor unit)		SRK20ZG-S SRC20ZG-S	SRK25ZG-S SRC25ZG-S	SRK35ZG-S SRC35ZG-S	SRK50ZG-S SRC50ZG-S
Power supply		1Phase, 220/230/240V, 50Hz			
Cooling capacity	ISO-T1(JIS)	kW	2.0(0.5~2.8)	2.5(0.5~3.0)	3.5(0.5~3.9)
Heating capacity	ISO-T1(JIS)	kW	2.7(0.5~4.6)	3.4(0.5~4.8)	4.2(0.5~5.1)
Cooling input		kW	0.44(0.1~0.91)	0.62(0.1~0.97)	1.05(0.10~1.22)
Heating input		kW	0.62(0.09~1.27)	0.93(0.09~1.30)	1.14(0.09~1.32)
Cooling energy label			A		B
Heating energy label			A		B
EER (In cooling)			4.55	4.03	3.33
COP (In heating)			4.35	3.66	3.68
Cooling current		A	2.4/2.3/2.2	3.1/3.0/2.9	4.9/4.7/4.5
Heating current		A	3.0/2.9/2.8	4.5/4.3/4.1	5.3/5.1/4.9
Sound power level *	Cooling(Indoor/Outdoor)	dB(A)	51/58	52/58	56/62
	Heating(Indoor/Outdoor)	dB(A)	53/59	54/62	59/64
Sound pressure level *	Cooling(Indoor)	dB(A)	Hi:35 Me:29 Lo:21	Hi:36 Me:30 Lo:22	Hi:40 Me:32 Lo:23
	Heating(Indoor)	dB(A)	Hi:35 Me:32 Lo:25	Hi:36 Me:33 Lo:26	Hi:41 Me:36 Lo:27
Exterior dimensions (H×W×D)	Indoor	mm	268×790×199		
	Outdoor	mm	540×780(+62)×290		
Net weight	Indoor/Outdoor	kg	8.5/35	8.5/35	8.5/38
Refrigerant piping	O.D	Liquid line	mm(in)	φ 6.35 (1/4")	
		Gas line	mm(in)	φ 9.52 (3/8")	
	Connecting method		Flare connecting		
Refrigerant			R410A		
Clean filter			Allergen Clear Filter × 1, Photocatalytic Washable Deodorizing Filter × 1		

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

CONSTANT SPEED HEAT PUMP MODEL

SRK-HG series



SRK20HG-S
SRK28HG-S

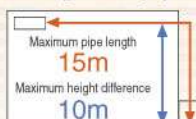


SRK20HG-S, SRK28HG-S, SRK40HG-S



SRC20HG-S, SRC28HG-S,
SRC40HG-S

Refrigerant pipe length



SRK20HG-S
SRK28HG-S
SRK40HG-S

FUNCTION



Comfortable Functions



Comfortable Air Flow Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



SPECIFICATIONS

Model (Indoor unit/Outdoor unit)		SRK20HG-S SRC20HG-S	SRK28HG-S SRC28HG-S	SRK40HG-S SRC40HG-S
Power supply		1Phase, 220/230/240V, 50Hz		
Cooling capacity	ISO-T1(JIS)	kW	2.07	2.6
Heating capacity	ISO-T1(JIS)	kW	2.22	2.8
Cooling input		kW	0.64	0.81
Heating input		kW	0.61	0.77
Cooling energy label		A		
Heating energy label		A		
EER (In cooling)		3.23	3.21	3.21
COP (In heating)		3.64	3.64	3.41
Cooling current		A	3.1/3.0/2.9	3.8/3.7/3.6
Heating current		A	3.0/2.9/2.8	3.7/3.5/3.3
Sound power level *	Cooling(Indoor/Outdoor)	dB(A)	52/60	55/60
	Heating(Indoor/Outdoor)	dB(A)	52/60	56/60
Sound pressure level *	Cooling(Indoor)	dB(A)	Hi:34 Me:30 Lo:27	Hi:39 Me:33 Lo:30
	Heating(Indoor)	dB(A)	Hi:34 Me:31 Lo:27	Hi:40 Me:33 Lo:29
Exterior dimensions (H×W×D)	Indoor	mm	268×790×199	
	Outdoor	mm	540×780(+62)×290	
Net weight	Indoor/Outdoor	kg	8.5/29	8.5/31
Refrigerant piping	O.D	Liquid line	mm(in)	
		Gas line	mm(in)	
	Connecting method		Flare connecting	
Refrigerant			R410A	
Clean filter			Natural Enzyme Filter×1 Photocatalytic Washable Deodorizing Filter×1	

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

CONSTANT SPEED HEAT PUMP MODEL

SRK-HE series



SRK03HE-S1
SRK06HE-S1
SRK71HE-S1



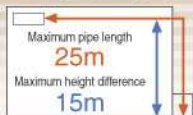
SRK50HE-S1, SRK56HE-S1



SRK63HE-S1, SRK71HE-S1



Refrigerant pipe length



SRK50HE-S1 SRK63HE-S1
SRK56HE-S1 SRK71HE-S1



SRC50HE-S1, SRC56HE-S1,
SRC63HE-S1



SRC71HE-S1

FUNCTION



Comfortable Air Flow Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



SPECIFICATIONS

Item	Model (Indoor unit/Outdoor unit)		SRK50HE-S1 SRC50HE-S1	SRK56HE-S1 SRC56HE-S1	SRK63HE-S1 SRC63HE-S1	SRK71HE-S1 SRC71HE-S1
Power supply			1Phase, 220/230/240V, 50Hz			
Cooling capacity	ISO-T1(JIS)	kW	4.7	5.1	6.3	7.1
Heating capacity	ISO-T1(JIS)	kW	5.3	5.8	6.7	7.5
Cooling input		kW	1.41	1.59	2.19	2.21
Heating input		kW	1.40	1.58	1.85	2.07
Cooling energy label			A		C	A
Heating energy label			A			
EER (In cooling)			3.33	3.21	2.88	3.21
COP (In heating)			3.79	3.67	3.62	3.62
Cooling current		A	6.5/6.3/6.0	7.3/7.1/6.8	10.9/10.5/10.0	11.0/10.6/10.1
Heating current		A	6.5/6.2/6.0	7.4/7.1/6.8	9.2/8.8/8.5	10.3/9.9/9.5
Sound power level *	Cooling(Indoor/Outdoor)	dB(A)	58/63	59/64	59/65	59/69
	Heating(Indoor/Outdoor)	dB(A)	61/64	61/65	60/65	60/70
Sound pressure level *	Cooling(Indoor)	dB(A)	Hi:43 Me:39 Lo:34	Hi:44 Me:40 Lo:35	Hi:44 Me:40 Lo:37	Hi:45 Me:41 Lo:38
	Heating(Indoor)	dB(A)	Hi:44 Me:39 Lo:35	Hi:44 Me:39 Lo:35	Hi:45 Me:41 Lo:37	Hi:46 Me:41 Lo:38
Exterior dimensions (H×W×D)	Indoor	mm	298×840×259		318×1098×248	318×1098×248
	Outdoor	mm	640×850(+65)×290		640×850(+65)×290	750×880(+88)×340
Net weight	Indoor/Outdoor	kg	12/44	12/44	18/50	18/76
Refrigerant piping	O.D	Liquid line	φ 6.35 (1/4")			
		Gas line	φ 12.7 (1/2")			
	Connecting method		Flare connecting			
Refrigerant			R410A			
Clean filter			Natural Enzyme Filter×1 Photocatalytic Washable Deodorizing Filter×1			

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

Inverter Multi-split System



The multi-split system allows a single outdoor unit to service a range of configurations of up to four indoor unit ---- from a lineup of five units ranging from 5.6kW to 13.5kW.



Ceiling Concealed type
SRRM



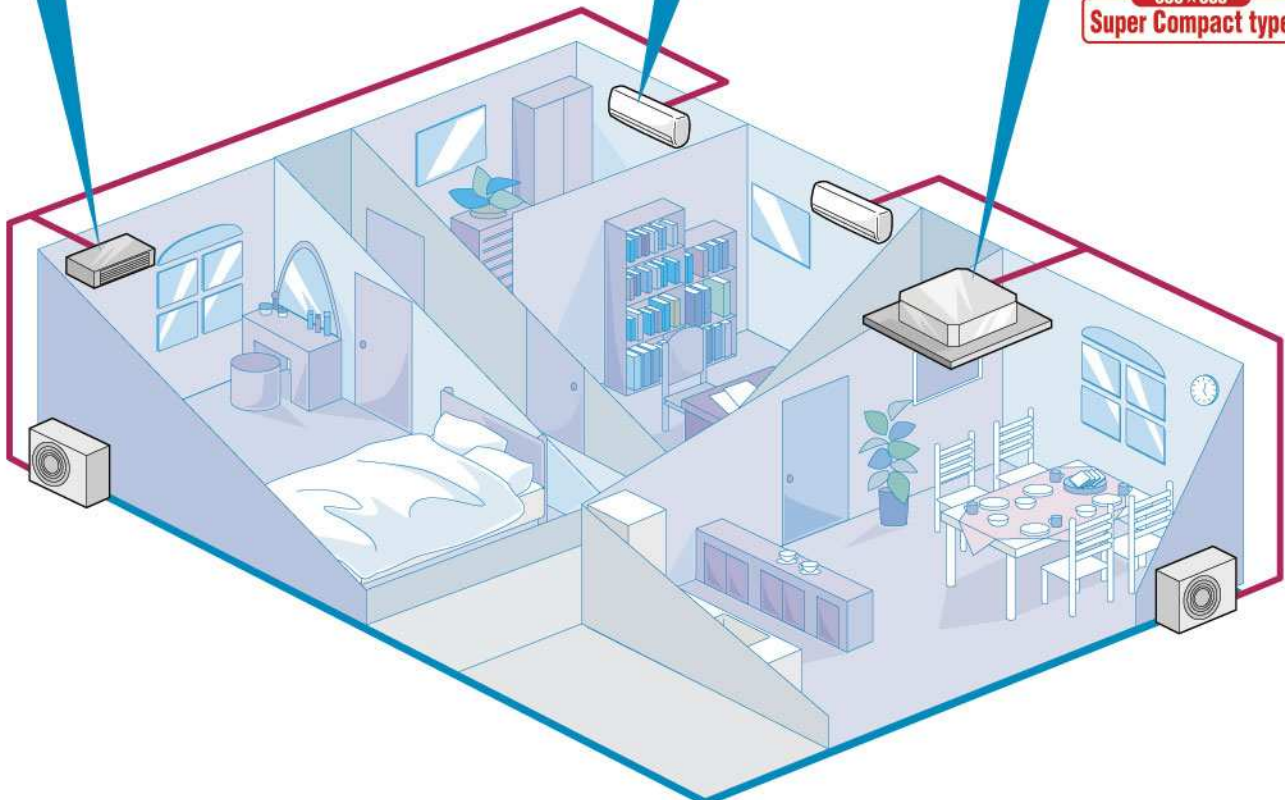
Wall mounted type
SKM



4way ceiling cassette type
STM



600 x 600
Super Compact type



OUTDOOR UNIT



SCM40ZG-S, SCM45ZG-S
SCM48ZG-S, SCM60ZG-S

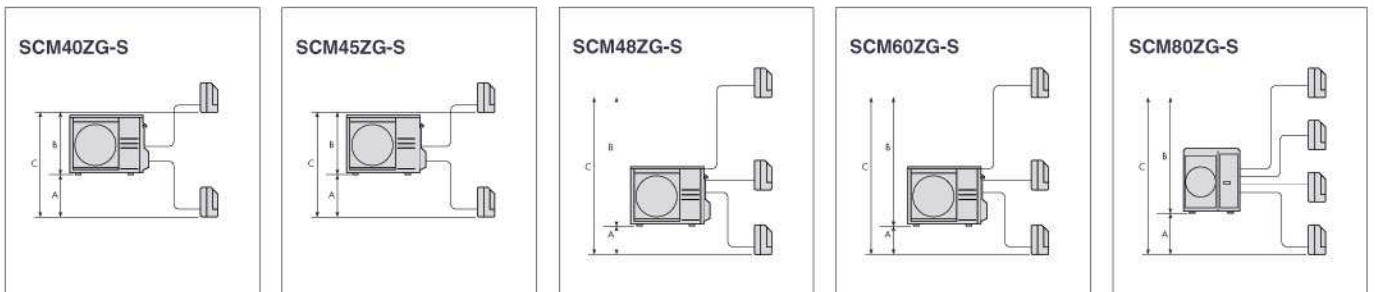


SCM80ZG-S

CONNECTION OF PIPES

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

		SCM40ZG-S	SCM45ZG-S	SCM48ZG-S	SCM60ZG-S	SCM80ZG-S
length for one indoor unit		under 25m	under 25m	under 25m	under 25m	under 25m
total length for all rooms		under 30m	under 30m	under 40m	under 40m	under 70m
height difference	lower installation spot of the indoor unit (A)	under 15m	under 15m	under 15m	under 15m	under 20m
	upper installation spot of the indoor unit (B)	under 15m	under 15m	under 15m	under 15m	under 20m
	maximum height difference of the indoor units (C)	under 25m	under 25m	under 25m	under 25m	under 25m
length of precharged refrigerant pipe		30m	20m	40m	30m	40m



OUTDOOR UNIT SPECIFICATIONS

Item		Model	For two rooms	For two rooms	For three rooms	For three rooms	For four rooms	
			SCM40ZG-S	SCM45ZG-S	SCM48ZG-S	SCM60ZG-S	SCM80ZG-S	
Power supply			1Phase, 220/230/240V, 50Hz					
Cooling capacity	ISO-T1	kW	4.0(1.9~5.0)	4.5(1.0~6.4)	4.8(1.1~6.9)	6.0(1.1~7.5)	8.0(1.8~9.5)	
Heating capacity	ISO-T1	kW	5.0(2.2~5.2)	5.6(1.8~6.8)	6.0(1.4~7.1)	7.0(1.4~7.6)	9.3(0.8~9.6)	
COP (In cooling)			4.12	3.78	4.03	3.70	3.60	
COP (In heating)			4.35	4.15	4.35	4.02	3.83	
Energy label (In cooling)			A	A	A	A	A	
Energy label (In heating)			A	A	A	A	A	
Sound power level *	Cooling	dB(A)	60	60	63	63	65	
	Heating	dB(A)	62	62	64	65	66	
Sound pressure level *	Cooling	dB(A)	45	45	48	48	51	
	Heating	dB(A)	47	47	49	50	52	
Exterior dimensions (H×W×D)		mm	640×850(+65)×290				750×880(+73)×340	
Net weight		kg	44	46	46	51	66	
Compressor type			Rotary type×1		Scroll type×1		Twin rotary type×1	
Refrigerant			R410A					
Indoor units to be combined			SKM20~35ZG-S STM25,35ZF-S SRRM25,35ZF-S	SKM20~35ZG-S STM25,35ZF-S SRRM25,35ZF-S	SKM20~35ZG-S STM25,35ZF-S SRRM25,35ZF-S	SKM20~60ZG-S STM25~60ZF-S SRRM25~60ZF-S	SKM20~71ZG-S STM25~60ZF-S SRRM25~60ZF-S	
Total of indoor units		class kW	5.7	7.0	8.5	11.0	13.5	

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

INVERTER MULTI-SPLIT SYSTEM

Multi System INDOOR UNIT



Wall mounted type

SKM series



FUNCTION



Comfortable Functions



Comfortable Air Flow Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



SPECIFICATIONS

Item	Model	SKM20ZG-S	SKM22ZG-S	SKM25ZG-S	SKM28ZG-S	SKM35ZG-S	SKM50ZG-S
Cooling capacity	ISO-T1(JIS) kW	2.0	2.2	2.5	2.8	3.5	5.0
Heating capacity	ISO-T1(JIS) kW	3.0	3.2	3.4	4.0	4.5	5.8
Sound power level *	Cooling dB(A)	51	52	52	54	55	61
	Heating dB(A)	55	56	56	58	59	62
Sound pressure level *	Cooling dB(A)	35	36	36	38	39	45
	Heating dB(A)	37	38	38	40	41	44
Exterior dimensions (H×W×D)	mm	268×790×199					
Net weight	kg	8.5					
Clean filter		Natural Enzyme Filter × 1, Photocatalytic Washable Deodorizing Filter × 1					
Piping	Liquid line mm	φ 6.35(1/4")					
	Gas line mm	φ 9.52(3/8")					
OUTDOOR UNITS TO BE COMBINED		SCM40,45,48,60,80ZG-S					SCM60,80ZG-S

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



FUNCTION



Comfortable Functions



Comfortable Air Flow Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



SPECIFICATIONS

Item	Model	SKM60ZG-S	SKM71ZG-S
Cooling capacity	ISO-T1(JIS) kW	6.0	7.1
Heating capacity	ISO-T1(JIS) kW	6.8	8.0
Sound power level *	Cooling dB(A)	59	60
	Heating dB(A)	59	60
Sound pressure level *	Cooling dB(A)	43	44
	Heating dB(A)	43	44
Exterior dimensions (H×W×D)	mm	318×1,098×248	
Net weight	kg	15	
Clean filter		Natural Enzyme Filter × 1, Photo catalytic Washable Deodorizing Filter × 1	
Piping	Liquid line mm	φ 6.35(1/4")	
	Gas line mm	φ 12.7(1/2")	
OUTDOOR UNITS TO BE COMBINED		SCM60,80ZG-S	SCM80ZG-S

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

Ceiling Concealed type

SRRM series



FUNCTION

Comfortable Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



SPECIFICATIONS

Item	Model	SRRM25ZF-S	SRRM35ZF-S	SRRM50ZF-S	SRRM60ZF-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)	53	55	60	63
	Heating dB(A)	54	56	60	63
Sound pressure level *	Cooling dB(A)	38	40	46	49
	Heating dB(A)	39	41	46	49
Air flow Q'ty (Hi)	Cooling m ³ /min	8.5	9.0	10.5	12.5
	Heating m ³ /min	10.0	11.0	13.0	15.0
Exterior dimensions(H×W×D)	mm	230×740×455			
Net weight	kg	22		23	
Piping		Liquid line: φ6.35(1/4") Gas line: φ9.52(3/8")		Liquid line: φ6.35(1/4") Gas line: φ12.7(1/2")	
OUTDOOR UNITS TO BE COMBINED		SCM40,45,48,60,80ZG-S		SCM60,80ZG-S	

The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

* Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

OPTIONAL PARTS FOR DUCTED TYPE



4way ceiling cassette type

STM series

600×600
Super Compact type



FUNCTION

Comfortable Functions



Comfortable Air Flow Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



SPECIFICATIONS

Item	Model	STM25ZF-S	STM35ZF-S	STM50ZF-S	STM60ZF-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)	51	54	56	63
	Heating dB(A)	51	54	56	63
Sound pressure level *	Cooling dB(A)	35	38	40	47
	Heating dB(A)	35	38	40	47
Air flow Q'ty (Hi)	Cooling m ³ /min	8.0	9.0	10.0	13.0
	Heating m ³ /min	9.0	10.0	11.0	14.0
Exterior dimensions (H×W×D)	Main unit mm	248×570×570			
	Panel mm	35×700×700			
Net weight	Main unit kg	14	14	14.5	14.5
	Panel kg	3.5			
Piping		Liquid line: φ6.35(1/4") Gas line: φ9.52(3/8")		Liquid line: φ6.35(1/4") Gas line: φ12.7(1/2")	
OUTDOOR UNITS TO BE COMBINED		SCM40,45,48,60,80ZG-S		SCM60,80ZG-S	

The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

* Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

INVERTER MULTI-SPLIT SYSTEM

Number of connectable indoor units

	SCM40ZG-S	SCM45ZG-S	SCM48ZG-S	SCM60ZG-S	SCM80ZG-S
MIN	1	1	2	2	*3
MAX	2	2	3	3	4

* only combination of SKM60+SKM60 and SKM60+SKM71(2 indoor units) to SCM80ZG-S can be available

Combinations

SCM40ZG-S (Heating operation)

Indoor unit combination	Heating capacity (kW)						Power consumption (W)			Standard current (A)		
	Room heating capacity (kW)		Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V	
	A room	B room	Min.	Standard	Max.							
1 room *1	20	3.0	—	2.2	3.0	3.9	400	790	1160	3.6	3.5	3.3
	22	3.2	—	2.2	3.2	4.1	400	860	1260	3.9	3.8	3.6
	25	3.4	—	2.2	3.4	4.5	400	930	1340	4.3	4.1	3.9
	28	4.0	—	2.2	4.0	4.7	400	1140	1410	5.2	5.0	4.8
	35	4.5	—	2.2	4.5	4.7	400	1350	1410	6.2	5.9	5.7
2 room	20 + 20	2.50	2.50	2.4	5.0	5.2	450	1150	1260	5.3	5.1	4.8
	20 + 22	2.43	2.67	2.4	5.1	5.2	450	1210	1260	5.6	5.3	5.1
	20 + 25	2.27	2.83	2.4	5.1	5.2	450	1210	1260	5.6	5.3	5.1
	20 + 28	2.13	2.98	2.4	5.1	5.2	450	1210	1260	5.6	5.3	5.1
	20 + 35	1.85	3.25	2.4	5.1	5.2	450	1210	1260	5.6	5.3	5.1
	22 + 22	2.55	2.55	2.4	5.1	5.2	450	1210	1260	5.6	5.3	5.1
	22 + 25	2.39	2.71	2.4	5.1	5.2	450	1210	1260	5.6	5.3	5.1
	22 + 28	2.24	2.86	2.4	5.1	5.2	450	1210	1260	5.6	5.3	5.1
	22 + 35	1.97	3.13	2.4	5.1	5.2	450	1210	1260	5.6	5.3	5.1
	25 + 25	2.55	2.55	2.4	5.1	5.2	450	1210	1260	5.6	5.3	5.1
	25 + 28	2.41	2.69	2.4	5.1	5.2	450	1210	1260	5.6	5.3	5.1
	28 + 28	2.55	2.55	2.4	5.1	5.2	450	1210	1260	5.6	5.3	5.1

SCM40ZG-S (Cooling operation)

Indoor unit combination	Cooling capacity (kW)						Power consumption (W)			Standard current (A)		
	Room cooling capacity (kW)		Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V	
	A room	B room	Min.	Standard	Max.							
1 room *1	20	2.0	—	1.9	2.0	2.5	470	490	660	2.3	2.2	2.1
	22	2.2	—	1.9	2.2	2.8	470	560	770	2.7	2.5	2.4
	25	2.5	—	1.9	2.5	3.1	470	660	860	3.1	3.0	2.8
	28	2.8	—	1.9	2.8	3.4	470	760	970	3.5	3.4	3.2
	35	3.5	—	1.9	3.5	4.3	470	990	1280	4.5	4.3	4.2
2 room	20 + 20	2.00	2.00	2.9	4.0	5.0	480	970	1430	4.5	4.3	4.1
	20 + 22	2.00	2.20	2.9	4.2	5.0	480	1070	1430	4.9	4.7	4.5
	20 + 25	2.00	2.50	2.9	4.5	5.0	480	1240	1430	5.7	5.4	5.2
	20 + 28	1.96	2.74	2.9	4.7	5.0	480	1390	1430	6.4	6.1	5.9
	20 + 35	1.75	3.05	2.9	4.8	5.0	480	1420	1430	6.5	6.2	6.0
	22 + 22	2.20	2.20	2.9	4.4	5.0	480	1180	1430	5.4	5.2	5.0
	22 + 25	2.20	2.50	2.9	4.7	5.0	480	1350	1430	6.2	5.9	5.7
	22 + 28	2.11	2.69	2.9	4.8	5.0	480	1420	1430	6.5	6.2	6.0
	22 + 35	1.85	2.95	2.9	4.8	5.0	480	1420	1430	6.5	6.2	6.0
	25 + 25	2.40	2.40	2.9	4.8	5.0	480	1420	1430	6.5	6.2	6.0
	25 + 28	2.26	2.54	2.9	4.8	5.0	480	1420	1430	6.5	6.2	6.0
	28 + 28	2.40	2.40	2.9	4.8	5.0	480	1420	1430	6.5	6.2	6.0

SCM45ZG-S (Heating operation)

Indoor unit combination	Heating capacity (kW)						Power consumption (W)			Standard current (A)		
	Room heating capacity (kW)		Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V	
	A room	B room	Min.	Standard	Max.							
1 room *1	20	3.0	—	1.8	3.0	4.2	220	710	1410	3.3	3.1	3.0
	22	3.2	—	1.8	3.2	4.4	220	830	1510	3.8	3.7	3.5
	25	3.4	—	1.8	3.4	4.7	220	980	1660	4.5	4.3	4.1
	28	4.0	—	1.8	4.0	4.8	220	1250	1710	5.7	5.5	5.3
	35	4.5	—	1.8	4.5	4.8	220	1500	1710	6.9	6.6	6.3
2 room	20 + 20	2.70	2.70	2.6	5.4	6.8	360	1250	1940	5.7	5.5	5.3
	20 + 22	2.62	2.88	2.6	5.5	6.8	360	1290	1940	5.9	5.7	5.4
	20 + 25	2.49	3.11	2.6	5.6	6.8	360	1330	1940	6.1	5.8	5.6
	20 + 28	2.42	3.38	2.6	5.8	6.8	360	1380	1940	6.3	6.1	5.8
	20 + 35	2.18	3.82	2.6	6.0	6.8	360	1490	1940	6.8	6.5	6.3
	22 + 22	2.80	2.80	2.6	5.6	6.8	360	1350	1940	6.2	5.9	5.7
	22 + 25	2.67	3.03	2.6	5.7	6.8	360	1360	1940	6.2	6.0	5.7
	22 + 28	2.55	3.25	2.6	5.8	6.8	360	1410	1940	6.5	6.2	5.9
	22 + 35	2.35	3.75	2.6	6.1	6.8	360	1520	1940	7.0	6.7	6.4
	25 + 25	2.90	2.90	2.6	5.8	6.8	360	1410	1940	6.5	6.2	5.9
	25 + 28	2.78	3.12	2.6	5.9	6.8	360	1460	1940	6.7	6.4	6.1
	25 + 35	2.58	3.62	2.6	6.2	6.8	360	1570	1940	7.2	6.9	6.6
	28 + 28	3.05	3.05	2.6	6.1	6.8	360	1510	1940	6.9	6.6	6.4
	28 + 35	2.84	3.56	2.6	6.4	6.8	360	1620	1940	7.4	7.1	6.8
	35 + 35	3.25	3.25	2.6	6.5	6.8	360	1670	1940	7.7	7.3	7.0

SCM45ZG-S (Cooling operation)

Indoor unit combination	Cooling capacity (kW)						Power consumption (W)			Standard current (A)		
	Room cooling capacity (kW)		Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V	
	A room	B room	Min.	Standard	Max.							
1 room *1	20	2.0	—	1.0	2.0	2.8	190	480	750	2.3	2.2	2.1
	22	2.2	—	1.0	2.2	3.1	190	540	860	2.5	2.4	2.3
	25	2.5	—	1.0	2.5	3.4	190	640	950	3.0	2.9	2.7
	28	2.8	—	1.0	2.8	3.8	190	730	1080	3.4	3.2	3.1
	35	3.5	—	1.0	3.5	4.8	190	960	1400	4.4	4.2	4.0
2 room	20 + 20	2.00	2.00	2.2	4.0	5.3	380	1050	1670	4.8	4.6	4.4
	20 + 22	2.00	2.20	2.2	4.2	5.6	380	1110	1830	5.1	4.9	4.7
	20 + 25	2.00	2.50	2.2	4.5	5.8	380	1220	1960	5.6	5.4	5.1
	20 + 28	1.96	2.74	2.2	4.7	6.1	380	1310	2100	6.0	5.8	5.5
	20 + 35	1.82	3.18	2.2	5.0	6.4	380	1480	2220	6.8	6.5	6.2
	22 + 22	2.25	2.25	2.2	4.5	5.9	380	1190	1960	5.5	5.2	5.0
	22 + 25	2.15	2.45	2.2	4.6	6.1	380	1290	2080	5.9	5.7	5.4

*1 One out of one or two room operation

SCM45ZG-S (Cooling operation)

Indoor unit combination		Cooling capacity (kW)					Power consumption (W)			Standard current (A)			
		Room cooling capacity (kW)			Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V
		A room	B room		Min.	Standard	Max.						
2 room	22 + 28	2.11	2.69		2.2	4.8	6.4	380	1360	2220	6.2	6.0	5.7
	22 + 35	1.97	3.13		2.2	5.1	6.4	380	1530	2220	7.0	6.7	6.4
	25 + 25	2.40	2.40		2.2	4.8	6.3	380	1360	2180	6.2	6.0	5.7
	25 + 28	2.31	2.59		2.2	4.9	6.4	380	1430	2220	6.6	6.3	6.0
	25 + 35	2.21	3.09		2.2	5.3	6.4	380	1620	2220	7.4	7.1	6.8
	28 + 28	2.55	2.55		2.2	5.1	6.4	380	1520	2220	7.0	6.7	6.4
	28 + 35	2.36	2.94		2.2	5.3	6.4	380	1650	2220	7.6	7.2	6.9
35 + 35	2.90	2.90		2.2	5.8	6.4	380	1880	2220	8.6	8.3	7.9	

SCM48ZG-S (Heating operation)

Indoor unit combination		Heating capacity (kW)						Power consumption (W)			Standard current (A)		
		Room heating capacity (kW)			Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V
		A room	B room	C room	Min.	Standard	Max.						
1 room #2	20	3.0	—	—	1.4	3.0	4.1	180	830	1420	3.8	3.7	3.5
	22	3.2	—	—	1.4	3.2	4.3	180	940	1530	4.3	4.1	4.0
	25	3.4	—	—	1.4	3.4	4.6	180	1070	1690	4.9	4.7	4.5
	28	4.0	—	—	1.4	4.0	4.7	180	1350	1810	6.2	5.9	5.7
	35	4.5	—	—	1.4	4.5	5.2	180	1630	1970	7.5	7.2	6.9
2 room	20 + 20	2.95	2.95	—	2.0	5.9	6.6	310	1710	2030	7.9	7.5	7.2
	20 + 22	2.86	3.14	—	2.0	6.0	6.6	310	1760	2030	8.1	7.7	7.4
	20 + 25	2.71	3.39	—	2.0	6.1	6.6	310	1800	2030	8.3	7.9	7.6
	20 + 28	2.58	3.62	—	2.0	6.2	6.6	310	1860	2030	8.5	8.2	7.8
	20 + 35	2.33	4.07	—	2.0	6.4	6.6	310	1930	2030	8.9	8.5	8.1
	22 + 22	3.05	3.05	—	2.0	6.1	6.6	310	1780	2030	8.2	7.8	7.5
	22 + 25	2.86	3.24	—	2.0	6.1	6.6	310	1830	2030	8.4	8.0	7.7
	22 + 28	2.73	3.47	—	2.0	6.2	6.6	310	1900	2030	8.7	8.3	8.0
	22 + 35	2.47	3.93	—	2.0	6.4	6.6	310	1940	2030	8.9	8.5	8.2
	25 + 25	3.10	3.10	—	2.0	6.2	6.6	310	1860	2030	8.5	8.2	7.8
	25 + 28	2.97	3.33	—	2.0	6.3	6.6	310	1930	2030	8.9	8.5	8.1
	25 + 35	2.75	3.85	—	2.0	6.6	6.6	310	1970	2030	9.0	8.7	8.3
	28 + 28	3.20	3.20	—	2.0	6.4	6.6	310	1930	2030	8.9	8.5	8.1
28 + 35	2.93	3.67	—	2.0	6.6	6.6	310	1970	2030	9.0	8.7	8.3	
35 + 35	3.30	3.30	—	2.0	6.6	6.6	310	1970	2030	9.0	8.7	8.3	
3 room	20 + 20 + 20	2.00	2.00	2.00	3.0	6.0	7.1	490	1380	1870	6.3	6.1	5.8
	20 + 20 + 22	1.94	1.94	2.13	3.0	6.0	7.1	490	1400	1870	6.4	6.1	5.9
	20 + 20 + 25	1.88	1.88	2.35	3.0	6.1	7.1	490	1450	1870	6.7	6.4	6.1
	20 + 20 + 28	1.82	1.82	2.55	3.0	6.2	7.1	490	1530	1870	7.0	6.7	6.4
	20 + 20 + 35	1.76	1.76	3.08	3.0	6.6	7.1	490	1640	1870	7.5	7.2	6.9
	20 + 22 + 22	1.91	2.10	2.10	3.0	6.1	7.1	490	1440	1870	6.6	6.3	6.1
	20 + 22 + 25	1.85	2.04	2.31	3.0	6.2	7.1	490	1480	1870	6.8	6.5	6.2
	20 + 22 + 28	1.80	1.98	2.52	3.0	6.3	7.1	490	1560	1870	7.2	6.9	6.6
	20 + 22 + 35	1.74	1.91	3.05	3.0	6.7	7.1	490	1660	1870	7.6	7.3	7.0
	20 + 25 + 25	1.80	2.25	2.25	3.0	6.3	7.1	490	1530	1870	7.0	6.7	6.4
	20 + 25 + 28	1.75	2.19	2.45	3.0	6.4	7.1	490	1640	1870	7.5	7.2	6.9
	20 + 25 + 35	1.70	2.13	2.98	3.0	6.8	7.1	490	1700	1870	7.8	7.5	7.2
	20 + 28 + 28	1.74	2.43	2.43	3.0	6.6	7.1	490	1700	1870	7.8	7.5	7.2
	20 + 28 + 35	1.66	2.33	2.91	3.0	6.9	7.1	490	1720	1870	7.9	7.6	7.2
	22 + 22 + 22	2.03	2.03	2.03	3.0	6.1	7.1	490	1470	1870	6.7	6.5	6.2
	22 + 22 + 25	2.01	2.01	2.28	3.0	6.3	7.1	490	1500	1870	6.9	6.6	6.3
	22 + 22 + 28	1.96	1.96	2.49	3.0	6.4	7.1	490	1590	1870	7.3	7.0	6.7
	22 + 22 + 35	1.89	1.89	3.01	3.0	6.8	7.1	490	1690	1870	7.8	7.4	7.1
	22 + 25 + 25	1.96	2.22	2.22	3.0	6.4	7.1	490	1560	1870	7.2	6.9	6.6
	22 + 25 + 28	1.94	2.20	2.46	3.0	6.6	7.1	490	1660	1870	7.6	7.3	7.0
22 + 25 + 35	1.85	2.10	2.95	3.0	6.9	7.1	490	1720	1870	7.9	7.6	7.2	
22 + 28 + 28	1.89	2.41	2.41	3.0	6.7	7.1	490	1720	1870	7.9	7.6	7.2	
22 + 28 + 35	1.81	2.31	2.88	3.0	7.0	7.1	490	1740	1870	8.0	7.6	7.3	
25 + 25 + 25	2.20	2.20	2.20	3.0	6.6	7.1	490	1640	1870	7.5	7.2	6.9	
25 + 25 + 28	2.15	2.15	2.41	3.0	6.7	7.1	490	1700	1870	7.8	7.5	7.2	
25 + 25 + 35	2.06	2.06	2.88	3.0	7.0	7.1	490	1740	1870	8.0	7.6	7.3	
25 + 28 + 28	2.10	2.35	2.35	3.0	6.8	7.1	490	1720	1870	7.9	7.6	7.2	
28 + 28 + 28	2.33	2.33	2.33	3.0	7.0	7.1	490	1740	1870	8.0	7.6	7.3	

SCM48ZG-S (Cooling operation)

Indoor unit combination		Cooling capacity (kW)					Power consumption (W)			Standard current (A)			
		Room cooling capacity (kW)			Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V
		A room	B room	C room	Min.	Standard	Max.						
1 room #2	20	2.0	—	—	1.1	2.0	2.5	200	550	830	2.6	2.5	2.4
	22	2.2	—	—	1.1	2.2	2.7	200	650	950	3.0	2.9	2.8
	25	2.5	—	—	1.1	2.5	2.9	200	850	1050	3.9	3.8	3.6
	28	2.8	—	—	1.1	2.8	3.1	200	1050	1200	4.8	4.6	4.4
	35	3.5	—	—	1.1	3.5	3.8	200	1500	1600	6.9	6.6	6.3
2 room	20 + 20	2.00	2.00	—	2.0	4.0	5.1	330	1180	1720	5.4	5.2	5.0
	20 + 22	2.00	2.20	—	2.0	4.2	5.4	330	1250	1880	5.7	5.5	5.3
	20 + 25	1.96	2.44	—	2.0	4.4	5.6	330	1350	2000	6.2	5.9	5.7
	20 + 28	1.92	2.68	—	2.0	4.6	5.9	330	1470	2200	6.7	6.5	6.2
	20 + 35	1.82	3.18	—	2.0	5.0	6.3	330	1720	2350	7.9	7.6	7.2
	22 + 22	2.20	2.20	—	2.0	4.4	5.7	330	1350	2050	6.2	5.9	5.7
	22 + 25	2.15	2.45	—	2.0	4.6	5.9	330	1440	2200	6.6	6.3	6.1
	22 + 28	2.07	2.63	—	2.0	4.7	6.2	330	1550	2330	7.1	6.8	6.5
	22 + 35	2.01	3.19	—	2.0	5.2	6.3	330	1800	2350	8.3	7.9	7.6
	25 + 25	2.35	2.35	—	2.0	4.7	6.2	330	1550	2310	7.1	6.8	6.5
	25 + 28	2.31	2.59	—	2.0	4.9	6.3	330	1650	2350	7.6	7.2	6.9
	25 + 35	2.25	3.15	—	2.0	5.4	6.3	330	1910	2350	8.8	8.4	8.0
	28 + 28	2.55	2.55	—	2.0	5.1	6.3	330	1750	2350	8.0	7.7	7.4
28 + 35	2.53	3.17	—	2.0	5.7	6.3	330	2040	2350	9.4	9.0	8.6	
35 + 35	3.00	3.00	—	2.0	6.0	6.3	330	2250	2350	10.3	9.9	9.5	
3 room	20 + 20 + 20	1.60	1.60	1.60	3.2	4.8	6.9	580	1190	2200	5.5	5.2	5.0
	20 + 20 + 22	1.55	1.55	1.70	3.2	4.8	6.9	580	1190	2200	5.5	5.2	5.0
	20 + 20 + 25	1.51	1.51	1.88	3.2	4.9	6.9	580	1230	2200	5.6	5.4	5.2
	20 + 20 + 28	1.47	1.47	2.06	3.2	5.0	6.9	580	1260	2200	5.8	5.5	5.3
	20 + 20 + 35	1.39	1.39	2.43	3.2	5.2	6.9	580	1370	2200	6.3	6.0	5.8
20 + 22 + 22	1.53	1.68	1.68	3.2	4.9	6.9	580	1230	2200	5.6	5.4	5.2	

*#2 One out of two or three room operation

INVERTER MULTI-SPLIT SYSTEM

SCM48ZG-S (Cooling operation)

Indoor unit combination		Cooling capacity (kW)						Power consumption (W)			Standard current (A)		
		Room cooling capacity (kW)			Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V
		A room	B room	C room	Min.	Standard	Max.						
3 room	20 + 22 + 25	1.49	1.64	1.87	3.2	5.0	6.9	580	1260	2200	5.8	5.5	5.3
	20 + 22 + 28	1.43	1.57	2.00	3.2	5.0	6.9	580	1290	2200	5.9	5.7	5.4
	20 + 22 + 35	1.35	1.49	2.36	3.2	5.2	6.9	580	1400	2200	6.4	6.1	5.9
	20 + 25 + 25	1.43	1.79	1.79	3.2	5.0	6.9	580	1290	2200	5.9	5.7	5.4
	20 + 25 + 28	1.40	1.75	1.96	3.2	5.1	6.9	580	1340	2200	6.2	5.9	5.6
	20 + 25 + 35	1.33	1.66	2.32	3.2	5.3	6.9	580	1430	2200	6.6	6.3	6.0
	20 + 28 + 28	1.37	1.92	1.92	3.2	5.2	6.9	580	1370	2200	6.3	6.0	5.8
	20 + 28 + 35	1.30	1.82	2.28	3.2	5.4	6.9	580	1490	2200	6.8	6.5	6.3
	22 + 22 + 22	1.63	1.63	1.63	3.2	4.9	6.9	580	1230	2200	5.6	5.4	5.2
	22 + 22 + 25	1.59	1.59	1.81	3.2	5.0	6.9	580	1290	2200	5.9	5.7	5.4
	22 + 22 + 28	1.56	1.56	1.98	3.2	5.1	6.9	580	1320	2200	6.1	5.8	5.6
	22 + 22 + 35	1.48	1.48	2.35	3.2	5.3	6.9	580	1430	2200	6.6	6.3	6.0
	22 + 25 + 25	1.56	1.77	1.77	3.2	5.1	6.9	580	1320	2200	6.1	5.8	5.6
	22 + 25 + 28	1.53	1.73	1.94	3.2	5.2	6.9	580	1370	2200	6.3	6.0	5.8
	22 + 25 + 35	1.45	1.65	2.30	3.2	5.4	6.9	580	1460	2200	6.7	6.4	6.1
	22 + 28 + 28	1.49	1.90	1.90	3.2	5.3	6.9	580	1400	2200	6.4	6.1	5.9
	22 + 28 + 35	1.42	1.81	2.26	3.2	5.5	6.9	580	1520	2200	7.0	6.7	6.4
	25 + 25 + 25	1.73	1.73	1.73	3.2	5.2	6.9	580	1370	2200	6.3	6.0	5.8
	25 + 25 + 28	1.70	1.70	1.90	3.2	5.3	6.9	580	1400	2200	6.4	6.1	5.9
	25 + 25 + 35	1.62	1.62	2.26	3.2	5.5	6.9	580	1520	2200	7.0	6.7	6.4
25 + 28 + 28	1.67	1.87	1.87	3.2	5.4	6.9	580	1460	2200	6.7	6.4	6.1	
28 + 28 + 28	1.83	1.83	1.83	3.2	5.5	6.9	580	1490	2200	6.8	6.5	6.3	

SCM60ZG-S (Heating operation)

Indoor unit combination		Heating capacity (kW)						Power consumption (W)			Standard current (A)		
		Room heating capacity (kW)			Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V
		A room	B room	C room	Min.	Standard	Max.						
1 room	20	3.0	—	—	1.4	3.0	4.1	390	930	1700	4.4	4.2	4.0
	22	3.2	—	—	1.4	3.2	4.3	390	1000	1800	4.7	4.5	4.3
	25	3.4	—	—	1.4	3.4	4.6	390	1160	2000	5.4	5.2	5.0
	28	4.0	—	—	1.4	4.0	4.7	390	1280	2110	6.0	5.7	5.5
	35	4.5	—	—	1.4	4.5	5.2	390	1540	2390	7.1	6.8	6.5
	50	5.8	—	—	1.4	5.8	6.5	390	2190	2580	10.1	9.6	9.2
	60	6.8	—	—	1.4	6.8	6.9	390	2590	2620	11.9	11.4	10.9
2 room	20 + 20	3.00	3.00	—	2.4	6.0	7.3	400	1680	2120	7.7	7.4	7.1
	20 + 22	2.86	3.14	—	2.4	6.0	7.3	400	1680	2120	7.7	7.4	7.1
	20 + 25	2.71	3.39	—	2.4	6.1	7.3	400	1720	2120	7.9	7.6	7.2
	20 + 28	2.58	3.62	—	2.4	6.2	7.3	400	1730	2120	7.9	7.6	7.3
	20 + 35	2.36	4.14	—	2.4	6.5	7.3	400	1810	2120	8.3	7.9	7.6
	20 + 50	2.00	5.00	—	2.5	7.0	7.3	470	1900	2120	8.7	8.3	8.0
	20 + 60	1.78	5.33	—	2.5	7.1	7.3	470	1940	2120	8.9	8.5	8.2
	22 + 22	3.05	3.05	—	2.4	6.1	7.3	400	1700	2120	7.8	7.5	7.2
	22 + 25	2.90	3.30	—	2.4	6.2	7.3	400	1720	2120	7.9	7.6	7.2
	22 + 28	2.77	3.53	—	2.4	6.3	7.3	400	1750	2120	8.0	7.7	7.4
	22 + 35	2.55	4.05	—	2.4	6.6	7.3	400	1810	2120	8.3	7.9	7.6
	22 + 50	2.17	4.93	—	2.5	7.1	7.3	470	1920	2120	8.8	8.4	8.1
	22 + 60	1.90	5.20	—	2.5	7.1	7.3	470	1940	2120	8.9	8.5	8.2
	25 + 25	3.15	3.15	—	2.4	6.3	7.3	400	1750	2120	8.0	7.7	7.4
	25 + 28	3.02	3.38	—	2.4	6.4	7.3	400	1780	2120	8.2	7.8	7.5
	25 + 35	2.79	3.91	—	2.4	6.7	7.3	400	1840	2120	8.4	8.1	7.7
	25 + 50	2.37	4.73	—	2.5	7.1	7.3	470	1940	2120	8.9	8.5	8.2
	25 + 60	2.09	5.01	—	2.5	7.1	7.3	470	1940	2120	8.9	8.5	8.2
	28 + 28	3.25	3.25	—	2.4	6.5	7.3	400	1810	2120	8.3	7.9	7.6
	28 + 35	3.02	3.78	—	2.4	6.8	7.3	400	1860	2120	8.5	8.2	7.8
28 + 50	2.55	4.55	—	2.5	7.1	7.3	470	1940	2120	8.9	8.5	8.2	
28 + 60	2.26	4.84	—	2.5	7.1	7.3	470	1940	2120	8.9	8.5	8.2	
35 + 35	3.50	3.50	—	2.4	7.0	7.3	400	1900	2120	8.7	8.3	8.0	
35 + 50	2.92	4.18	—	2.5	7.1	7.3	470	1940	2120	8.9	8.5	8.2	
35 + 60	2.62	4.48	—	2.5	7.1	7.3	470	1940	2120	8.9	8.5	8.2	
50 + 50	3.55	3.55	—	2.7	7.1	7.3	500	1940	2120	8.9	8.5	8.2	
50 + 60	3.23	3.87	—	2.7	7.1	7.3	500	1940	2120	8.9	8.5	8.2	
3 room	20 + 20 + 20	2.23	2.23	2.23	2.8	6.7	7.6	520	1640	2420	7.5	7.2	6.9
	20 + 20 + 22	2.16	2.16	2.38	2.8	6.7	7.6	520	1640	2420	7.5	7.2	6.9
	20 + 20 + 25	2.09	2.09	2.62	2.8	6.8	7.6	520	1670	2420	7.7	7.3	7.0
	20 + 20 + 28	2.00	2.00	2.80	2.8	6.8	7.6	520	1670	2420	7.7	7.3	7.0
	20 + 20 + 35	1.84	1.84	3.22	2.8	6.9	7.6	520	1710	2420	7.9	7.5	7.2
	20 + 20 + 50	1.58	1.58	3.94	3.0	7.1	7.6	570	1770	2420	8.1	7.8	7.4
	20 + 20 + 60	1.44	1.44	4.32	3.0	7.2	7.6	570	1800	2420	8.3	7.9	7.6
	20 + 22 + 22	2.13	2.34	2.34	2.8	6.8	7.6	520	1670	2420	7.7	7.3	7.0
	20 + 22 + 25	2.03	2.23	2.54	2.8	6.8	7.6	520	1670	2420	7.7	7.3	7.0
	20 + 22 + 28	1.94	2.14	2.72	2.8	6.8	7.6	520	1700	2420	7.8	7.5	7.2
	20 + 22 + 35	1.79	1.97	3.14	2.8	6.9	7.6	520	1710	2420	7.9	7.5	7.2
	20 + 22 + 50	1.54	1.70	3.86	3.0	7.1	7.6	570	1770	2420	8.1	7.8	7.4
	20 + 22 + 60	1.41	1.55	4.24	3.0	7.2	7.6	570	1800	2420	8.3	7.9	7.6
	20 + 25 + 25	1.94	2.43	2.43	2.8	6.8	7.6	520	1700	2420	7.8	7.5	7.2
	20 + 25 + 28	1.89	2.36	2.65	2.8	6.9	7.6	520	1700	2420	7.8	7.5	7.2
	20 + 25 + 35	1.75	2.19	3.06	2.8	7.0	7.6	520	1740	2420	8.0	7.6	7.3
	20 + 25 + 50	1.49	1.87	3.74	3.0	7.1	7.6	570	1770	2420	8.1	7.8	7.4
	20 + 25 + 60	1.37	1.71	4.11	3.0	7.2	7.6	570	1830	2420	8.4	8.0	7.7
	20 + 28 + 28	1.82	2.54	2.54	2.8	6.9	7.6	520	1700	2420	7.8	7.5	7.2
	20 + 28 + 35	1.69	2.36	2.95	2.8	7.0	7.6	520	1740	2420	8.0	7.6	7.3
	20 + 28 + 50	1.47	2.06	3.67	3.0	7.2	7.6	570	1800	2420	8.3	7.9	7.6
	20 + 28 + 60	1.35	1.89	4.06	3.0	7.3	7.6	570	1830	2420	8.4	8.0	7.7
	20 + 35 + 35	1.58	2.76	2.76	2.8	7.1	7.6	520	1770	2420	8.1	7.8	7.4
	20 + 35 + 50	1.37	2.40	3.43	3.0	7.2	7.6	570	1830	2420	8.4	8.0	7.7
	22 + 22 + 22	2.27	2.27	2.27	2.8	6.8	7.6	520	1670	2420	7.7	7.3	7.0
22 + 22 + 25	2.17	2.17	2.46	2.8	6.8	7.6	520	1700	2420	7.8	7.5	7.2	
22 + 22 + 28	2.11	2.11	2.68	2.8	6.9	7.6	520	1700	2420	7.8	7.5	7.2	
22 + 22 + 35	1.92	1.92	3.06	2.8	6.9	7.6	520	1740	2420	8.0	7.6	7.3	
22 + 22 + 50	1.66	1.66	3.78	3.0	7.1	7.6	570	1770	2420	8.1	7.8	7.4	
22 + 22 + 60	1.52	1.52	4.15	3.0	7.2	7.6	570	1800	2420	8.3	7.9	7.6	
22 + 25 + 25	2.11	2.40	2.40	2.8	6.9	7.6	520	1700	2420	7.8	7.5	7.2	
22 + 25 + 28	2.02	2.30	2.58	2.8	6.9	7.6	520	1700	2420	7.8	7.5	7.2	

*2 One out of two or three room operation

SCM60ZG-S (Heating operation)

Indoor unit combination		Heating capacity (kW)						Power consumption (W)			Standard current (A)		
		Room heating capacity (kW)			Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V
		A room	B room	C room	Min.	Standard	Max.						
3 room	22 + 25 + 35	1.88	2.13	2.99	2.8	7.0	7.6	520	1740	2420	8.0	7.6	7.3
	22 + 25 + 50	1.63	1.86	3.71	3.0	7.2	7.6	570	1800	2420	8.3	7.9	7.6
	22 + 25 + 60	1.50	1.71	4.09	3.0	7.3	7.6	570	1830	2420	8.4	8.0	7.7
	22 + 28 + 28	1.95	2.48	2.48	2.8	6.9	7.6	520	1740	2420	8.0	7.6	7.3
	22 + 28 + 35	1.81	2.31	2.88	2.8	7.0	7.6	520	1740	2420	8.0	7.6	7.3
	22 + 28 + 50	1.58	2.02	3.60	3.0	7.2	7.6	570	1800	2420	8.3	7.9	7.6
	22 + 28 + 60	1.46	1.86	3.98	3.0	7.3	7.6	570	1830	2420	8.4	8.0	7.7
	22 + 35 + 35	1.70	2.70	2.70	2.8	7.1	7.6	520	1770	2420	8.1	7.8	7.4
	22 + 35 + 50	1.50	2.39	3.41	3.0	7.3	7.6	570	1830	2420	8.4	8.0	7.7
	25 + 25 + 25	2.30	2.30	2.30	2.8	6.9	7.6	520	1700	2420	7.8	7.5	7.2
	25 + 25 + 28	2.21	2.21	2.48	2.8	6.9	7.6	520	1740	2420	8.0	7.6	7.3
	25 + 25 + 35	2.06	2.06	2.88	2.8	7.0	7.6	520	1740	2420	8.0	7.6	7.3
	25 + 25 + 50	1.80	1.80	3.60	3.0	7.2	7.6	570	1800	2420	8.3	7.9	7.6
	25 + 25 + 60	1.66	1.66	3.98	3.0	7.3	7.6	570	1830	2420	8.4	8.0	7.7
	25 + 28 + 28	2.16	2.42	2.42	2.8	7.0	7.6	520	1740	2420	8.0	7.6	7.3
	25 + 28 + 35	1.99	2.23	2.78	2.8	7.0	7.6	520	1770	2420	8.1	7.8	7.4
	25 + 28 + 50	1.75	1.96	3.50	3.0	7.2	7.6	570	1800	2420	8.3	7.9	7.6
	25 + 35 + 35	1.87	2.62	2.62	2.8	7.1	7.6	520	1770	2420	8.1	7.8	7.4
	25 + 35 + 50	1.66	2.32	3.32	3.0	7.3	7.6	570	1830	2420	8.4	8.0	7.7
	28 + 28 + 28	2.33	2.33	2.33	2.8	7.0	7.6	520	1740	2420	8.0	7.6	7.3
28 + 28 + 35	2.18	2.18	2.73	2.8	7.1	7.6	520	1770	2420	8.1	7.8	7.4	
28 + 28 + 50	1.93	1.93	3.44	3.0	7.3	7.6	570	1830	2420	8.4	8.0	7.7	
28 + 35 + 35	2.06	2.57	2.57	2.8	7.2	7.6	520	1800	2420	8.3	7.9	7.6	
35 + 35 + 35	2.40	2.40	2.40	2.8	7.2	7.6	520	1830	2420	8.4	8.0	7.7	

SCM60ZG-S (Cooling operation)

Indoor unit combination		Cooling capacity (kW)						Power consumption (W)			Standard current (A)		
		Room cooling capacity (kW)			Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V
		A room	B room	C room	Min.	Standard	Max.						
1 room #2	20	2.0	—	—	1.1	2.0	2.8	330	510	960	2.5	2.4	2.3
	22	2.2	—	—	1.1	2.2	3.1	330	630	1110	3.0	2.9	2.8
	25	2.5	—	—	1.1	2.5	3.4	330	780	1190	3.8	3.6	3.5
	28	2.8	—	—	1.1	2.8	3.7	330	860	1340	4.1	3.9	3.8
	35	3.5	—	—	1.1	3.5	4.5	330	1200	1750	5.6	5.4	5.2
	50	5.0	—	—	1.1	5.0	5.8	330	1910	2420	8.8	8.4	8.0
60	6.0	—	—	1.1	6.0	6.1	330	2420	3050	11.1	10.6	10.2	
2 room	20 + 20	2.00	2.00	—	2.3	4.0	6.0	400	1250	2150	5.9	5.6	5.4
	20 + 22	2.00	2.20	—	2.3	4.2	6.3	400	1330	2340	6.2	6.0	5.7
	20 + 25	2.00	2.50	—	2.3	4.5	6.5	400	1430	2450	6.6	6.3	6.1
	20 + 28	1.96	2.74	—	2.3	4.7	6.8	400	1520	2640	7.1	6.7	6.5
	20 + 35	1.93	3.37	—	2.3	5.3	7.3	400	1850	2910	8.5	8.1	7.8
	20 + 50	1.89	4.71	—	2.5	6.6	7.3	480	2540	2910	11.7	11.2	10.7
	20 + 60	1.68	5.03	—	2.5	6.7	7.3	480	2560	2910	11.8	11.2	10.8
	22 + 22	2.20	2.20	—	2.3	4.4	6.7	400	1430	2560	6.6	6.3	6.1
	22 + 25	2.20	2.50	—	2.3	4.7	6.8	400	1520	2640	7.1	6.7	6.5
	22 + 28	2.16	2.74	—	2.3	4.9	7.2	400	1600	2840	7.4	7.1	6.8
	22 + 35	2.12	3.38	—	2.3	5.5	7.3	400	1940	2910	8.9	8.5	8.2
	22 + 50	2.05	4.65	—	2.5	6.7	7.3	480	2560	2910	11.8	11.2	10.8
	22 + 60	1.80	4.90	—	2.5	6.7	7.3	480	2560	2910	11.8	11.2	10.8
	25 + 25	2.45	2.45	—	2.3	4.9	7.0	400	1650	2750	7.6	7.2	6.9
	25 + 28	2.45	2.75	—	2.3	5.2	7.3	400	1750	2910	8.0	7.7	7.4
	25 + 35	2.42	3.38	—	2.3	5.8	7.3	400	2080	2910	9.6	9.1	8.8
	25 + 50	2.23	4.47	—	2.5	6.7	7.3	480	2560	2910	11.8	11.2	10.8
	25 + 60	1.97	4.73	—	2.5	6.7	7.3	480	2560	2910	11.8	11.2	10.8
	28 + 28	2.70	2.70	—	2.3	5.4	7.3	400	1850	2910	8.5	8.1	7.8
	28 + 35	2.67	3.33	—	2.3	6.0	7.3	400	2180	2910	10.0	9.6	9.2
28 + 50	2.41	4.29	—	2.5	6.7	7.3	480	2560	2910	11.8	11.2	10.8	
28 + 60	2.13	4.57	—	2.5	6.7	7.3	480	2560	2910	11.8	11.2	10.8	
35 + 35	3.30	3.30	—	2.3	6.6	7.3	400	2540	2910	11.7	11.2	10.7	
35 + 50	2.76	3.94	—	2.5	6.7	7.3	480	2560	2910	11.8	11.2	10.8	
35 + 60	2.47	4.23	—	2.5	6.7	7.3	480	2560	2910	11.8	11.2	10.8	
50 + 50	3.35	3.35	—	2.6	6.7	7.3	550	2560	2910	11.8	11.2	10.8	
50 + 60	3.05	3.65	—	2.6	6.7	7.3	550	2560	2910	11.8	11.2	10.8	
3 room	20 + 20 + 20	1.80	1.80	1.80	3.3	5.4	7.5	680	1400	2610	6.5	6.2	6.0
	20 + 20 + 22	1.74	1.74	1.92	3.3	5.4	7.5	680	1400	2610	6.5	6.2	6.0
	20 + 20 + 25	1.69	1.69	2.12	3.3	5.5	7.5	680	1480	2610	6.9	6.6	6.3
	20 + 20 + 28	1.65	1.65	2.31	3.3	5.6	7.5	680	1470	2610	6.8	6.5	6.3
	20 + 20 + 35	1.55	1.55	2.71	3.3	5.8	7.5	680	1530	2610	7.1	6.8	6.5
	20 + 20 + 50	1.38	1.38	3.44	3.5	6.2	7.5	760	1690	2610	7.8	7.4	7.1
	20 + 20 + 60	1.28	1.28	3.84	3.5	6.4	7.5	760	1780	2610	8.2	7.8	7.5
	20 + 22 + 22	1.72	1.89	1.89	3.3	5.5	7.5	680	1440	2610	6.7	6.4	6.1
	20 + 22 + 25	1.64	1.81	2.05	3.3	5.5	7.5	680	1440	2610	6.7	6.4	6.1
	20 + 22 + 28	1.60	1.76	2.24	3.3	5.6	7.5	680	1480	2610	6.9	6.6	6.3
	20 + 22 + 35	1.51	1.66	2.64	3.3	5.8	7.5	680	1570	2610	7.3	7.0	6.7
	20 + 22 + 50	1.35	1.48	3.37	3.5	6.2	7.5	760	1690	2610	7.8	7.4	7.1
	20 + 22 + 60	1.27	1.40	3.82	3.5	6.5	7.5	760	1820	2610	8.4	8.0	7.7
	20 + 25 + 25	1.60	2.00	2.00	3.3	5.6	7.5	680	1480	2610	6.9	6.6	6.3
	20 + 25 + 28	1.56	1.95	2.19	3.3	5.7	7.5	680	1530	2610	7.1	6.8	6.5
	20 + 25 + 35	1.48	1.84	2.58	3.3	5.9	7.5	680	1570	2610	7.3	7.0	6.7
	20 + 25 + 50	1.33	1.66	3.32	3.5	6.3	7.5	760	1730	2610	7.9	7.6	7.3
	20 + 25 + 60	1.26	1.57	3.77	3.5	6.6	7.5	760	1860	2610	8.5	8.2	7.8
	20 + 28 + 28	1.53	2.14	2.14	3.3	5.8	7.5	680	1530	2610	7.1	6.8	6.5
	20 + 28 + 35	1.45	2.02	2.53	3.3	6.0	7.5	680	1620	2610	7.4	7.1	6.8
	20 + 28 + 50	1.31	1.83	3.27	3.5	6.4	7.5	760	1780	2610	8.2	7.8	7.5
	20 + 28 + 60	1.24	1.74	3.72	3.5	6.7	7.5	760	1860	2610	8.5	8.2	7.8
	20 + 35 + 35	1.38	2.41	2.41	3.3	6.2	7.5	680	1690	2610	7.8	7.4	7.1
	20 + 35 + 50	1.26	2.20	3.14	3.5	6.6	7.5	760	1820	2610	8.4	8.0	7.7
22 + 22 + 22	1.83	1.83	1.83	3.3	5.5	7.5	680	1440	2610	6.7	6.4	6.1	
22 + 22 + 25	1.79	1.79	2.03	3.3	5.6	7.5	680	1480	2610	6.9	6.6	6.3	
22 + 22 + 28	1.74	1.74	2.22	3.3	5.7	7.5	680	1480	2610	6.9	6.6	6.3	
22 + 22 + 35	1.64	1.64	2.61	3.3	5.9	7.5	680	1570	2610	7.3	7.0	6.7	
22 + 22 + 50	1.47	1.47	3.35	3.5	6.3	7.5	760	1730	2610	7.9	7.6	7.3	
22 + 22 + 60	1.38	1.38	3.75	3.5	6.5	7.5	760	1820	2610	8.4	8.0	7.7	

*2 One out of two or three room operation

INVERTER MULTI-SPLIT SYSTEM

SCM60ZG-S (Cooling operation)

Indoor unit combination		Cooling capacity (kW)						Power consumption (W)			Standard current (A)		
		Room cooling capacity (kW)			Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V
		A room	B room	C room	Min.	Standard	Max.						
3 room	22 + 25 + 25	1.74	1.98	1.98	3.3	5.7	7.5	680	1530	2610	7.1	6.8	6.5
	22 + 25 + 28	1.70	1.93	2.17	3.3	5.8	7.5	680	1530	2610	7.1	6.8	6.5
	22 + 25 + 35	1.58	1.80	2.52	3.3	5.9	7.5	680	1620	2610	7.4	7.1	6.8
	22 + 25 + 50	1.45	1.65	3.30	3.5	6.4	7.5	760	1780	2610	8.2	7.8	7.5
	22 + 25 + 60	1.36	1.54	3.70	3.5	6.6	7.5	760	1860	2610	8.5	8.2	7.8
	22 + 28 + 28	1.64	2.08	2.08	3.3	5.8	7.5	680	1570	2610	7.3	7.0	6.7
	22 + 28 + 35	1.55	1.98	2.47	3.3	6.0	7.5	680	1620	2610	7.4	7.1	6.8
	22 + 28 + 50	1.41	1.79	3.20	3.5	6.4	7.5	760	1780	2610	8.2	7.8	7.5
	22 + 28 + 60	1.34	1.71	3.65	3.5	6.7	7.5	760	1910	2610	8.8	8.4	8.0
	22 + 35 + 35	1.48	2.36	2.36	3.3	6.2	7.5	680	1690	2610	7.8	7.4	7.1
	22 + 35 + 50	1.36	2.16	3.08	3.5	6.6	7.5	760	1860	2610	8.5	8.2	7.8
	25 + 25 + 25	1.93	1.93	1.93	3.3	5.8	7.5	680	1530	2610	7.1	6.8	6.5
	25 + 25 + 28	1.86	1.86	2.08	3.3	5.8	7.5	680	1570	2610	7.3	7.0	6.7
	25 + 25 + 35	1.76	1.76	2.47	3.3	6.0	7.5	680	1650	2610	7.6	7.2	6.9
	25 + 25 + 50	1.60	1.60	3.20	3.5	6.4	7.5	760	1780	2610	8.3	7.9	7.6
	25 + 25 + 60	1.52	1.52	3.65	3.5	6.7	7.5	760	1910	2610	8.8	8.4	8.0
	25 + 28 + 28	1.82	2.04	2.04	3.3	5.9	7.5	680	1570	2610	7.3	7.0	6.7
	25 + 28 + 35	1.73	1.94	2.43	3.3	6.1	7.5	680	1650	2610	7.6	7.2	6.9
	25 + 28 + 50	1.58	1.77	3.16	3.5	6.5	7.5	760	1820	2610	8.4	8.0	7.7
	25 + 35 + 35	1.66	2.32	2.32	3.3	6.3	7.5	680	1730	2610	7.9	7.6	7.3
25 + 35 + 50	1.52	2.13	3.05	3.5	6.7	7.5	760	1910	2610	8.8	8.4	8.0	
28 + 28 + 28	2.00	2.00	2.00	3.3	6.0	7.5	680	1620	2610	7.4	7.1	6.8	
28 + 28 + 35	1.91	1.91	2.38	3.3	6.2	7.5	680	1690	2610	7.8	7.4	7.1	
28 + 28 + 50	1.74	1.74	3.11	3.5	6.6	7.5	760	1820	2610	8.4	8.0	7.7	
28 + 35 + 35	1.83	2.29	2.29	3.3	6.4	7.5	680	1730	2610	7.9	7.6	7.3	
35 + 35 + 35	2.20	2.20	2.20	3.3	6.6	7.5	680	1820	2610	8.4	8.0	7.7	

SCM80ZG-S (Heating operation)

Indoor unit combination		Heating capacity (kW)						Power consumption (W)			Standard current (A)			
		Room heating capacity (kW)				Total capacity (kW)		Min.	Standard	Max.	220V	230V	240V	
		A room	B room	C room	D room	Min.	Standard							Max.
1 room	20	3.0	—	—	—	0.8	3.0	3.7	210	1250	1590	5.8	5.5	5.3
	22	3.2	—	—	—	0.8	3.2	3.9	210	1390	1740	6.4	6.2	5.9
	25	3.4	—	—	—	0.8	3.4	4.2	210	1520	1970	7.1	6.7	6.5
	28	4.0	—	—	—	0.8	4.0	4.4	210	1780	2100	8.2	7.8	7.5
	35	4.5	—	—	—	0.8	4.5	5.0	210	2150	2500	9.9	9.4	9.0
	50	5.8	—	—	—	0.8	5.8	6.1	210	3100	3250	14.2	13.6	13.0
	60	6.8	—	—	—	0.8	6.8	7.1	210	2750	3430	12.6	12.1	11.6
	71	8.0	—	—	—	0.8	8.0	8.1	210	3380	3430	15.5	14.8	14.2
2 room	20 + 20	2.70	2.70	—	—	2.1	5.4	8.6	200	1410	3300	6.5	6.2	5.9
	20 + 22	2.67	2.93	—	—	2.1	5.6	8.6	200	1520	3300	7.0	6.7	6.4
	20 + 25	2.62	3.28	—	—	2.1	5.9	8.6	200	1670	3300	7.7	7.3	7.0
	20 + 28	2.58	3.62	—	—	2.1	6.2	8.6	200	1810	3300	8.3	7.9	7.6
	20 + 35	2.51	4.39	—	—	2.1	6.9	8.6	200	2200	3300	10.1	9.7	9.3
	20 + 50	2.37	5.93	—	—	2.2	8.3	8.6	230	3050	3300	14.0	13.4	12.8
	20 + 60	2.08	6.23	—	—	2.2	8.3	8.6	300	3050	3300	14.0	13.4	12.8
	20 + 71	1.82	6.48	—	—	2.4	8.3	8.6	300	3050	3300	14.0	13.4	12.8
	22 + 22	2.90	2.90	—	—	2.1	5.8	8.6	200	1630	3300	7.5	7.2	6.9
	22 + 25	2.86	3.24	—	—	2.1	6.1	8.6	200	1760	3300	8.1	7.7	7.4
	22 + 28	2.82	3.58	—	—	2.1	6.4	8.6	200	1920	3300	8.8	8.4	8.1
	22 + 35	2.74	4.36	—	—	2.1	7.1	8.6	200	2320	3300	10.7	10.2	9.8
	22 + 50	2.54	5.76	—	—	2.2	8.3	8.6	230	3050	3300	14.0	13.4	12.8
	22 + 60	2.23	6.07	—	—	2.2	8.3	8.6	300	3050	3300	14.0	13.4	12.8
	22 + 71	1.96	6.34	—	—	2.4	8.3	8.6	300	3050	3300	14.0	13.4	12.8
	25 + 25	3.20	3.20	—	—	2.1	6.4	8.6	200	1920	3300	8.8	8.4	8.1
	25 + 28	3.16	3.54	—	—	2.1	6.7	8.6	200	2100	3300	9.6	9.2	8.8
	25 + 35	3.08	4.32	—	—	2.1	7.4	8.6	200	2500	3300	11.5	11.0	10.5
	25 + 50	2.77	5.53	—	—	2.2	8.3	8.6	230	3050	3300	14.0	13.4	12.8
	25 + 60	2.44	5.86	—	—	2.2	8.3	8.6	300	3050	3300	14.0	13.4	12.8
	25 + 71	2.16	6.14	—	—	2.4	8.3	8.6	300	3050	3300	14.0	13.4	12.8
	28 + 28	3.50	3.50	—	—	2.1	7.0	8.6	200	2270	3300	10.4	10.0	9.6
	28 + 35	3.42	4.28	—	—	2.1	7.7	8.6	200	2690	3300	12.4	11.8	11.3
	28 + 50	2.98	5.32	—	—	2.2	8.3	8.6	230	3050	3300	14.0	13.4	12.8
	28 + 60	2.64	5.66	—	—	2.2	8.3	8.6	300	3050	3300	14.0	13.4	12.8
	28 + 71	2.35	5.95	—	—	2.4	8.3	8.6	300	3050	3300	14.0	13.4	12.8
	35 + 35	4.15	4.15	—	—	2.1	8.3	8.6	200	3050	3300	14.0	13.4	12.8
	35 + 50	3.42	4.88	—	—	2.2	8.3	8.6	230	3050	3300	14.0	13.4	12.8
35 + 60	3.06	5.24	—	—	2.2	8.3	8.6	300	3050	3300	14.0	13.4	12.8	
35 + 71	2.74	5.56	—	—	2.4	8.3	8.6	300	3050	3300	14.0	13.4	12.8	
50 + 50	4.15	4.15	—	—	2.4	8.3	8.6	280	3050	3300	14.0	13.4	12.8	
50 + 60	3.77	4.53	—	—	2.4	8.3	8.6	350	3050	3300	14.0	13.4	12.8	
60 + 60*	4.15	4.15	—	—	2.9	8.3	8.6	440	3050	3300	14.0	13.4	12.8	
60 + 71*	3.80	4.50	—	—	2.9	8.3	8.6	440	3050	3300	14.0	13.4	12.8	
3 room	20 + 20 + 20	2.57	2.57	2.57	—	3.2	7.7	9.1	450	2470	3220	11.3	10.8	10.4
	20 + 20 + 22	2.52	2.52	2.77	—	3.2	7.8	9.1	450	2540	3220	11.7	11.2	10.7
	20 + 20 + 25	2.46	2.46	3.08	—	3.2	8.0	9.1	450	2630	3220	12.1	11.6	11.1
	20 + 20 + 28	2.38	2.38	3.34	—	3.2	8.1	9.1	450	2690	3220	12.4	11.8	11.3
	20 + 20 + 35	2.27	2.27	3.97	—	3.2	8.5	9.1	450	2900	3220	13.3	12.7	12.2
	20 + 20 + 50	2.00	2.00	5.00	—	3.4	9.0	9.1	510	3170	3220	14.6	13.9	13.3
	20 + 20 + 60	1.80	1.80	5.40	—	3.4	9.0	9.1	580	3170	3220	14.6	13.9	13.3
	20 + 20 + 71	1.62	1.62	5.76	—	3.6	9.0	9.1	590	3170	3220	14.6	13.9	13.3
	20 + 22 + 22	2.47	2.72	2.72	—	3.2	7.9	9.1	450	2580	3220	11.8	11.3	10.9
	20 + 22 + 25	2.42	2.66	3.02	—	3.2	8.1	9.1	450	2670	3220	12.3	11.7	11.2
	20 + 22 + 28	2.37	2.61	3.32	—	3.2	8.3	9.1	450	2770	3220	12.7	12.2	11.7
	20 + 22 + 35	2.26	2.49	3.95	—	3.2	8.7	9.1	450	2980	3220	13.7	13.1	12.5
	20 + 22 + 50	1.96	2.15	4.89	—	3.4	9.0	9.1	510	3170	3220	14.6	13.9	13.3
	20 + 22 + 60	1.76	1.94	5.29	—	3.4	9.0	9.1	580	3170	3220	14.6	13.9	13.3
	20 + 22 + 71	1.59	1.75	5.65	—	3.6	9.0	9.1	590	3170	3220	14.6	13.9	13.3
	20 + 25 + 25	2.37	2.96	2.96	—	3.2	8.3	9.1	450	2770	3220	12.7	12.2	11.7
	20 + 25 + 28	2.30	2.88	3.22	—	3.2	8.4	9.1	450	2850	3220	13.1	12.5	12.0
	20 + 25 + 35	2.20	2.75	3.85	—	3.2	8.8	9.1	450	3070	3220	14.1	13.5	12.9
20 + 25 + 50	1.89	2.37	4.74	—	3.4	9.0	9.1	510	3170	3220	14.6	13.9	13.3	
20 + 25 + 60	1.71	2.14	5.14	—	3.4	9.0	9.1	580	3170	3220	14.6	13.9	13.3	

*3 One out of three or four room operation

SCM80ZG-S (Heating operation)

Indoor unit combination		Heating capacity (kW)							Power consumption (W)			Standard current (A)		
		Room heating capacity (kW)				Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V
		A room	B room	C room	D room	Min.	Standard	Max.						
3 room	20 + 25 + 71	1.55	1.94	5.51	—	3.6	9.0	9.1	590	3170	3220	14.6	13.9	13.3
	20 + 28 + 28	2.26	3.17	3.17	—	3.2	8.6	9.1	450	2980	3220	13.7	13.1	12.5
	20 + 28 + 35	2.17	3.04	3.80	—	3.2	9.0	9.1	450	3170	3220	14.6	13.9	13.3
	20 + 28 + 50	1.84	2.57	4.59	—	3.4	9.0	9.1	510	3170	3220	14.6	13.9	13.3
	20 + 28 + 60	1.67	2.33	5.00	—	3.4	9.0	9.1	580	3170	3220	14.6	13.9	13.3
	20 + 28 + 71	1.51	2.12	5.37	—	3.6	9.0	9.1	590	3170	3220	14.6	13.9	13.3
	20 + 35 + 35	2.00	3.50	3.50	—	3.2	9.0	9.1	450	3170	3220	14.6	13.9	13.3
	20 + 35 + 50	1.71	3.00	4.29	—	3.4	9.0	9.1	510	3170	3220	14.6	13.9	13.3
	20 + 35 + 60	1.57	2.74	4.70	—	3.4	9.0	9.1	580	3170	3220	14.6	13.9	13.3
	20 + 35 + 71	1.43	2.50	5.07	—	3.6	9.0	9.1	590	3170	3220	14.6	13.9	13.3
	20 + 50 + 50	1.50	3.75	3.75	—	3.5	9.0	9.1	560	3170	3220	14.6	13.9	13.3
	20 + 50 + 60	1.38	3.46	4.15	—	3.7	9.0	9.1	640	3170	3220	14.6	13.9	13.3
	22 + 22 + 22	2.67	2.67	2.67	—	3.2	8.0	9.1	450	2630	3220	12.1	11.6	11.1
	22 + 22 + 25	2.61	2.61	2.97	—	3.2	8.2	9.1	450	2720	3220	12.5	11.9	11.4
	22 + 22 + 28	2.57	2.57	3.27	—	3.2	8.4	9.1	450	2850	3220	13.1	12.5	12.0
	22 + 22 + 35	2.45	2.45	3.90	—	3.2	8.8	9.1	450	3070	3220	14.1	13.5	12.9
	22 + 22 + 50	2.11	2.11	4.79	—	3.4	9.0	9.1	510	3170	3220	14.6	13.9	13.3
	22 + 22 + 60	1.90	1.90	5.19	—	3.4	9.0	9.1	580	3170	3220	14.6	13.9	13.3
	22 + 22 + 71	1.72	1.72	5.56	—	3.6	9.0	9.1	590	3170	3220	14.6	13.9	13.3
	22 + 25 + 25	2.57	2.92	2.92	—	3.2	8.4	9.1	450	2850	3220	13.1	12.5	12.0
	22 + 25 + 28	2.49	2.83	3.17	—	3.2	8.5	9.1	450	2900	3220	13.3	12.7	12.2
	22 + 25 + 35	2.39	2.71	3.80	—	3.2	8.9	9.1	450	3120	3220	14.3	13.7	13.1
	22 + 25 + 50	2.04	2.32	4.64	—	3.4	9.0	9.1	510	3170	3220	14.6	13.9	13.3
	22 + 25 + 60	1.85	2.10	5.05	—	3.4	9.0	9.1	580	3170	3220	14.6	13.9	13.3
	22 + 25 + 71	1.68	1.91	5.42	—	3.6	9.0	9.1	590	3170	3220	14.6	13.9	13.3
	22 + 28 + 28	2.45	3.12	3.12	—	3.2	8.7	9.1	450	3020	3220	13.9	13.3	12.7
	22 + 28 + 35	2.33	2.96	3.71	—	3.2	9.0	9.1	450	3170	3220	14.6	13.9	13.3
	22 + 28 + 50	1.98	2.52	4.50	—	3.4	9.0	9.1	510	3170	3220	14.6	13.9	13.3
	22 + 28 + 60	1.80	2.29	4.91	—	3.4	9.0	9.1	580	3170	3220	14.6	13.9	13.3
	22 + 28 + 71	1.64	2.08	5.28	—	3.6	9.0	9.1	590	3170	3220	14.6	13.9	13.3
	22 + 35 + 35	2.15	3.42	3.42	—	3.2	9.0	9.1	450	3170	3220	14.6	13.9	13.3
	22 + 35 + 50	1.85	2.94	4.21	—	3.4	9.0	9.1	510	3170	3220	14.6	13.9	13.3
	22 + 35 + 60	1.69	2.69	4.62	—	3.4	9.0	9.1	580	3170	3220	14.6	13.9	13.3
	22 + 35 + 71	1.55	2.46	4.99	—	3.6	9.0	9.1	590	3170	3220	14.6	13.9	13.3
	22 + 50 + 50	1.62	3.69	3.69	—	3.5	9.0	9.1	560	3170	3220	14.6	13.9	13.3
	22 + 50 + 60	1.50	3.41	4.09	—	3.7	9.0	9.1	640	3170	3220	14.6	13.9	13.3
	25 + 25 + 25	2.83	2.83	2.83	—	3.2	8.5	9.1	450	2900	3220	13.3	12.7	12.2
	25 + 25 + 28	2.79	2.79	3.12	—	3.2	8.7	9.1	450	3020	3220	13.9	13.3	12.7
	25 + 25 + 35	2.65	2.65	3.71	—	3.2	9.0	9.1	450	3170	3220	14.6	13.9	13.3
	25 + 25 + 50	2.25	2.25	4.50	—	3.4	9.0	9.1	510	3170	3220	14.6	13.9	13.3
	25 + 25 + 60	2.05	2.05	4.91	—	3.4	9.0	9.1	580	3170	3220	14.6	13.9	13.3
	25 + 25 + 71	1.86	1.86	5.28	—	3.6	9.0	9.1	590	3170	3220	14.6	13.9	13.3
25 + 28 + 28	2.75	3.08	3.08	—	3.2	8.9	9.1	450	3120	3220	14.3	13.7	13.1	
25 + 28 + 35	2.56	2.86	3.58	—	3.2	9.0	9.1	450	3170	3220	14.6	13.9	13.3	
25 + 28 + 50	2.18	2.45	4.37	—	3.4	9.0	9.1	510	3170	3220	14.6	13.9	13.3	
25 + 28 + 60	1.99	2.23	4.78	—	3.4	9.0	9.1	580	3170	3220	14.6	13.9	13.3	
25 + 28 + 71	1.81	2.03	5.15	—	3.6	9.0	9.1	590	3170	3220	14.6	13.9	13.3	
25 + 35 + 35	2.37	3.32	3.32	—	3.2	9.0	9.1	450	3170	3220	14.6	13.9	13.3	
25 + 35 + 50	2.05	2.86	4.09	—	3.4	9.0	9.1	510	3170	3220	14.6	13.9	13.3	
25 + 35 + 60	1.88	2.63	4.50	—	3.4	9.0	9.1	580	3170	3220	14.6	13.9	13.3	
25 + 35 + 71	1.72	2.40	4.88	—	3.6	9.0	9.1	590	3170	3220	14.6	13.9	13.3	
25 + 50 + 50	1.80	3.60	3.60	—	3.5	9.0	9.1	560	3170	3220	14.6	13.9	13.3	
25 + 50 + 60	1.67	3.33	4.00	—	3.7	9.0	9.1	640	3170	3220	14.6	13.9	13.3	
28 + 28 + 28	3.00	3.00	3.00	—	3.2	9.0	9.1	450	3170	3220	14.6	13.9	13.3	
28 + 28 + 35	2.77	2.77	3.46	—	3.2	9.0	9.1	450	3170	3220	14.6	13.9	13.3	
28 + 28 + 50	2.38	2.38	4.25	—	3.4	9.0	9.1	510	3170	3220	14.6	13.9	13.3	
28 + 28 + 60	2.17	2.17	4.66	—	3.4	9.0	9.1	580	3170	3220	14.6	13.9	13.3	
28 + 28 + 71	1.98	1.98	5.03	—	3.6	9.0	9.1	590	3170	3220	14.6	13.9	13.3	
28 + 35 + 35	2.57	3.21	3.21	—	3.2	9.0	9.1	450	3170	3220	14.6	13.9	13.3	
28 + 35 + 50	2.23	2.79	3.98	—	3.4	9.0	9.1	510	3170	3220	14.6	13.9	13.3	
28 + 35 + 60	2.05	2.56	4.39	—	3.4	9.0	9.1	580	3170	3220	14.6	13.9	13.3	
28 + 35 + 71	1.88	2.35	4.77	—	3.6	9.0	9.1	590	3170	3220	14.6	13.9	13.3	
28 + 50 + 50	1.97	3.52	3.52	—	3.5	9.0	9.1	560	3170	3220	14.6	13.9	13.3	
35 + 35 + 35	3.00	3.00	3.00	—	3.2	9.0	9.1	450	3170	3220	14.6	13.9	13.3	
35 + 35 + 50	2.63	2.63	3.75	—	3.4	9.0	9.1	510	3170	3220	14.6	13.9	13.3	
35 + 35 + 60	2.42	2.42	4.15	—	3.4	9.0	9.1	580	3170	3220	14.6	13.9	13.3	
35 + 50 + 50	2.33	3.33	3.33	—	3.5	9.0	9.1	560	3170	3220	14.6	13.9	13.3	
4 room	20 + 20 + 20 + 20	2.28	2.28	2.28	2.28	3.6	9.1	9.6	910	2370	2550	10.9	10.4	10.0
	20 + 20 + 20 + 22	2.22	2.22	2.22	2.44	3.6	9.1	9.6	910	2370	2550	10.9	10.4	10.0
	20 + 20 + 20 + 25	2.14	2.14	2.14	2.68	3.6	9.1	9.6	910	2370	2550	10.9	10.4	10.0
	20 + 20 + 20 + 28	2.07	2.07	2.07	2.90	3.6	9.1	9.6	910	2370	2550	10.9	10.4	10.0
	20 + 20 + 20 + 35	1.94	1.94	1.94	3.39	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
	20 + 20 + 20 + 50	1.67	1.67	1.67	4.18	3.7	9.2	9.6	950	2400	2550	11.0	10.5	10.1
	20 + 20 + 20 + 60	1.53	1.53	1.53	4.60	3.7	9.2	9.6	950	2400	2550	11.0	10.5	10.1
	20 + 20 + 20 + 71	1.42	1.42	1.42	5.04	4.1	9.3	9.6	1050	2430	2550	11.2	10.7	10.2
	20 + 20 + 22 + 22	2.17	2.17	2.38	2.38	3.6	9.1	9.6	910	2370	2550	10.9	10.4	10.0
	20 + 20 + 22 + 25	2.09	2.09	2.30	2.61	3.6	9.1	9.6	910	2370	2550	10.9	10.4	10.0
	20 + 20 + 22 + 28	2.02	2.02	2.22	2.83	3.6	9.1	9.6	910	2370	2550	10.9	10.4	10.0
	20 + 20 + 22 + 35	1.90	1.90	2.09	3.32	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
	20 + 20 + 22 + 50	1.64	1.64	1.81	4.11	3.7	9.2	9.6	950	2400	2550	11.0	10.5	10.1
	20 + 20 + 22 + 60	1.52	1.52	1.68	4.57	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
	20 + 20 + 22 + 71	1.40	1.40	1.54	4.96	4.1	9.3	9.6	1050	2430	2550	11.2	10.7	10.2
	20 + 20 + 25 + 25	2.02	2.02	2.53	2.53	3.6	9.1	9.6	910	2370	2550	10.9	10.4	10.0
	20 + 20 + 25 + 28	1.96	1.96	2.45	2.74	3.6	9.1	9.6	910	2370	2550	10.9	10.4	10.0
	20 + 20 + 25 + 35	1.84	1.84	2.30	3.22	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
	20 + 20 + 25 + 50	1.60	1.60	2.00	4.00	3.7	9.2	9.6	950	2400	2550	11.0	10.5	10.1
	20 + 20 + 25 + 60	1.49	1.49	1.86	4.46	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
	20 + 20 + 28 + 28	1.92	1.92	2.68	2.68	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
	20 + 20 + 28 + 35	1.79	1.79	2.50	3.13	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 20 + 28 + 50	1.56	1.56	2.18	3.90	3.7	9.2	9.6	950	2400	2550	11.0	10.5	10.1	
20 + 20 + 28 + 60	1.45	1.45	2.03	4.36	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2	

INVERTER MULTI-SPLIT SYSTEM

SCM80ZG-S (Heating operation)

Indoor unit combination	Heating capacity (kW)							Power consumption (W)			Standard current (A)		
	Room heating capacity (kW)				Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V
	A room	B room	C room	D room	Min.	Standard	Max.						
20 + 20 + 35 + 60	1.38	1.38	2.41	4.13	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
20 + 22 + 22 + 22	2.12	2.33	2.33	2.33	3.6	9.1	9.6	910	2370	2550	10.9	10.4	10.0
20 + 22 + 22 + 25	2.04	2.25	2.25	2.56	3.6	9.1	9.6	910	2370	2550	10.9	10.4	10.0
20 + 22 + 22 + 28	1.98	2.18	2.18	2.77	3.6	9.1	9.6	910	2370	2550	10.9	10.4	10.0
20 + 22 + 22 + 35	1.86	2.04	2.04	3.25	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 22 + 22 + 50	1.61	1.78	1.78	4.04	3.7	9.2	9.6	950	2400	2550	11.0	10.5	10.1
20 + 22 + 22 + 60	1.50	1.65	1.65	4.50	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
20 + 22 + 22 + 71	1.38	1.52	1.52	4.89	4.1	9.3	9.6	1050	2430	2550	11.2	10.7	10.2
20 + 22 + 25 + 25	1.98	2.18	2.47	2.47	3.6	9.1	9.6	910	2370	2550	10.9	10.4	10.0
20 + 22 + 25 + 28	1.94	2.13	2.42	2.71	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 22 + 25 + 35	1.80	1.98	2.25	3.16	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 22 + 25 + 50	1.57	1.73	1.97	3.93	3.7	9.2	9.6	950	2400	2550	11.0	10.5	10.1
20 + 22 + 25 + 60	1.46	1.61	1.83	4.39	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
20 + 22 + 28 + 28	1.88	2.07	2.63	2.63	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 22 + 28 + 35	1.75	1.93	2.45	3.07	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 22 + 28 + 50	1.53	1.69	2.15	3.83	3.7	9.2	9.6	950	2400	2550	11.0	10.5	10.1
20 + 22 + 28 + 60	1.43	1.57	2.00	4.29	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
20 + 22 + 35 + 35	1.64	1.81	2.88	2.88	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 22 + 35 + 50	1.46	1.61	2.56	3.66	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
20 + 25 + 25 + 25	1.94	2.42	2.42	2.42	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 25 + 25 + 28	1.88	2.35	2.35	2.63	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 25 + 25 + 35	1.75	2.19	2.19	3.07	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 25 + 25 + 50	1.53	1.92	1.92	3.83	3.7	9.2	9.6	950	2400	2550	11.0	10.5	10.1
20 + 25 + 25 + 60	1.43	1.79	1.79	4.29	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
20 + 25 + 28 + 28	1.82	2.28	2.55	2.55	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 25 + 28 + 35	1.70	2.13	2.39	2.98	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 25 + 28 + 50	1.51	1.89	2.12	3.78	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
20 + 25 + 28 + 60	1.40	1.75	1.96	4.20	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
20 + 25 + 35 + 35	1.60	2.00	2.80	2.80	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 25 + 35 + 50	1.43	1.79	2.50	3.58	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
20 + 28 + 28 + 28	1.77	2.48	2.48	2.48	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 28 + 28 + 35	1.66	2.32	2.32	2.90	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 28 + 28 + 50	1.48	2.07	2.07	3.69	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
20 + 28 + 35 + 35	1.56	2.18	2.73	2.73	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
20 + 28 + 35 + 50	1.40	1.96	2.45	3.50	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
20 + 35 + 35 + 35	1.49	2.60	2.60	2.60	3.6	9.3	9.6	910	2430	2550	11.2	10.7	10.2
22 + 22 + 22 + 22	2.28	2.28	2.28	2.28	3.6	9.1	9.6	910	2370	2550	10.9	10.4	10.0
22 + 22 + 22 + 25	2.20	2.20	2.20	2.50	3.6	9.1	9.6	910	2370	2550	10.9	10.4	10.0
22 + 22 + 22 + 28	2.15	2.15	2.15	2.74	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 22 + 22 + 35	2.00	2.00	2.00	3.19	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 22 + 22 + 50	1.74	1.74	1.74	3.97	3.7	9.2	9.6	950	2400	2550	11.0	10.5	10.1
22 + 22 + 22 + 60	1.62	1.62	1.62	4.43	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
22 + 22 + 25 + 25	2.15	2.15	2.45	2.45	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 22 + 25 + 28	2.09	2.09	2.37	2.66	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 22 + 25 + 35	1.95	1.95	2.21	3.10	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 22 + 25 + 50	1.70	1.70	1.93	3.87	3.7	9.2	9.6	950	2400	2550	11.0	10.5	10.1
22 + 22 + 25 + 60	1.59	1.59	1.80	4.33	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
22 + 22 + 28 + 28	2.02	2.02	2.58	2.58	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 22 + 28 + 35	1.89	1.89	2.41	3.01	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 22 + 28 + 50	1.68	1.68	2.13	3.81	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
22 + 22 + 28 + 60	1.55	1.55	1.97	4.23	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
22 + 22 + 35 + 35	1.78	1.78	2.82	2.82	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 22 + 35 + 50	1.59	1.59	2.52	3.60	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
22 + 25 + 25 + 25	2.09	2.37	2.37	2.37	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 25 + 25 + 28	2.02	2.30	2.30	2.58	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 25 + 25 + 35	1.89	2.15	2.15	3.01	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 25 + 25 + 50	1.68	1.91	1.91	3.81	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
22 + 25 + 25 + 60	1.55	1.76	1.76	4.23	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
22 + 25 + 28 + 28	1.97	2.23	2.50	2.50	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 25 + 28 + 35	1.84	2.09	2.34	2.93	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 25 + 28 + 50	1.64	1.86	2.08	3.72	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
22 + 25 + 28 + 60	1.52	1.72	1.93	4.13	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
22 + 25 + 35 + 35	1.73	1.97	2.75	2.75	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 25 + 35 + 50	1.55	1.76	2.47	3.52	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
22 + 28 + 28 + 28	1.91	2.43	2.43	2.43	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 28 + 28 + 35	1.79	2.28	2.28	2.85	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 28 + 28 + 50	1.60	2.03	2.03	3.63	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
22 + 28 + 35 + 35	1.69	2.15	2.68	2.68	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
22 + 28 + 35 + 50	1.52	1.93	2.41	3.44	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
22 + 35 + 35 + 35	1.61	2.56	2.56	2.56	3.6	9.3	9.6	910	2430	2550	11.2	10.7	10.2
25 + 25 + 25 + 25	2.30	2.30	2.30	2.30	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
25 + 25 + 25 + 28	2.23	2.23	2.23	2.50	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
25 + 25 + 25 + 35	2.09	2.09	2.09	2.93	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
25 + 25 + 25 + 50	1.86	1.86	1.86	3.72	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
25 + 25 + 25 + 60	1.72	1.72	1.72	4.13	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
25 + 25 + 28 + 28	2.17	2.17	2.43	2.43	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
25 + 25 + 28 + 35	2.04	2.04	2.28	2.85	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
25 + 25 + 28 + 50	1.82	1.82	2.03	3.63	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
25 + 25 + 35 + 35	1.92	1.92	2.68	2.68	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
25 + 25 + 35 + 50	1.72	1.72	2.41	3.44	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
25 + 28 + 28 + 28	2.11	2.36	2.36	2.36	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
25 + 28 + 28 + 35	1.98	2.22	2.22	2.78	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
25 + 28 + 28 + 50	1.77	1.99	1.99	3.55	3.7	9.3	9.6	950	2430	2550	11.2	10.7	10.2
25 + 28 + 35 + 35	1.89	2.12	2.65	2.65	3.6	9.3	9.6	910	2430	2550	11.2	10.7	10.2
25 + 35 + 35 + 35	1.79	2.50	2.50	2.50	3.6	9.3	9.6	910	2430	2550	11.2	10.7	10.2
28 + 28 + 28 + 28	2.30	2.30	2.30	2.30	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
28 + 28 + 28 + 35	2.16	2.16	2.16	2.71	3.6	9.2	9.6	910	2400	2550	11.0	10.5	10.1
28 + 28 + 28 + 50	1.94	1.94	1.94	3.47	3.7	9.3	9.6	950	2430	2550			

SCM80ZG-S (Cooling operation)

Indoor unit combination	Heating capacity (kW)							Power consumption (W)			Standard current (A)			
	Room heating capacity (kW)				Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V	
	A room	B room	C room	D room	Min.	Standard	Max.							
1 room *3	20	2.0	—	—	—	1.8	2.0	2.8	310	380	860	1.9	1.8	1.7
	22	2.2	—	—	—	1.8	2.2	3.1	310	460	1010	2.2	2.2	2.1
	25	2.5	—	—	—	1.8	2.5	3.5	310	600	1100	2.9	2.8	2.7
	28	2.8	—	—	—	1.8	2.8	3.8	310	740	1260	3.5	3.4	3.2
	35	3.5	—	—	—	1.8	3.5	4.7	310	1100	1750	5.2	4.9	4.7
	50	5.0	—	—	—	1.8	5.0	6.0	310	1920	2520	8.8	8.4	8.1
	60	6.0	—	—	—	2.2	6.0	7.2	350	1990	3000	9.1	8.7	8.4
71	7.1	—	—	—	2.2	7.1	7.2	350	2910	3000	13.4	12.8	12.2	
2 room	20 + 20	2.00	2.00	—	—	3.3	4.0	6.3	380	700	2000	3.3	3.2	3.1
	20 + 22	2.00	2.20	—	—	3.3	4.2	6.6	380	780	2180	3.7	3.6	3.4
	20 + 25	2.00	2.50	—	—	3.3	4.5	6.7	380	940	2280	4.5	4.3	4.1
	20 + 28	2.00	2.80	—	—	3.3	4.8	7.0	380	1100	2460	5.2	4.9	4.7
	20 + 35	2.00	3.50	—	—	3.3	5.5	7.9	380	1510	2990	7.0	6.7	6.4
	20 + 50	2.00	5.00	—	—	3.5	7.0	7.9	450	2420	2990	11.1	10.6	10.2
	20 + 60	1.85	5.55	—	—	3.7	7.4	7.9	560	2660	2990	12.2	11.7	11.2
	20 + 71	1.63	5.77	—	—	3.7	7.4	7.9	560	2660	2990	12.2	11.7	11.2
	22 + 22	2.20	2.20	—	—	3.3	4.4	6.9	380	900	2370	4.3	4.1	3.9
	22 + 25	2.20	2.50	—	—	3.3	4.7	7.1	380	1060	2470	5.0	4.8	4.6
	22 + 28	2.20	2.80	—	—	3.3	5.0	7.4	380	1220	2660	5.7	5.5	5.2
	22 + 35	2.16	3.44	—	—	3.3	5.6	7.9	380	1600	2990	7.4	7.1	6.8
	22 + 50	2.17	4.93	—	—	3.5	7.1	7.9	450	2510	2990	11.5	11.0	10.6
	22 + 60	1.99	5.41	—	—	3.7	7.4	7.9	560	2660	2990	12.2	11.7	11.2
	22 + 71	1.75	5.65	—	—	3.7	7.4	7.9	560	2660	2990	12.2	11.7	11.2
	25 + 25	2.50	2.50	—	—	3.3	5.0	7.2	380	1220	2560	5.7	5.5	5.2
	25 + 28	2.45	2.75	—	—	3.3	5.2	7.5	380	1380	2750	6.4	6.1	5.9
	25 + 35	2.46	3.44	—	—	3.3	5.9	7.9	380	1770	2990	8.1	7.8	7.4
	25 + 50	2.47	4.93	—	—	3.5	7.4	7.9	450	2660	2990	12.2	11.7	11.2
	25 + 60	2.18	5.22	—	—	3.7	7.4	7.9	560	2660	2990	12.2	11.7	11.2
	25 + 71	1.93	5.47	—	—	3.7	7.4	7.9	560	2660	2990	12.2	11.7	11.2
	28 + 28	2.75	2.75	—	—	3.3	5.5	7.8	380	1560	2940	7.2	6.9	6.6
	28 + 35	2.76	3.44	—	—	3.3	6.2	7.9	380	1950	2990	9.0	8.6	8.2
	28 + 50	2.66	4.74	—	—	3.5	7.4	7.9	450	2660	2990	12.2	11.7	11.2
	28 + 60	2.35	5.05	—	—	3.7	7.4	7.9	560	2660	2990	12.2	11.7	11.2
	28 + 71	2.09	5.31	—	—	3.7	7.4	7.9	560	2660	2990	12.2	11.7	11.2
	35 + 35	3.45	3.45	—	—	3.3	6.9	7.9	380	2420	2990	11.1	10.6	10.2
	35 + 50	3.05	4.35	—	—	3.5	7.4	7.9	450	2660	2990	12.2	11.7	11.2
	35 + 60	2.73	4.67	—	—	3.7	7.4	7.9	560	2660	2990	12.2	11.7	11.2
	35 + 71	2.44	4.96	—	—	3.7	7.4	7.9	560	2660	2990	12.2	11.7	11.2
	50 + 50	3.70	3.70	—	—	3.6	7.4	7.9	520	2660	2990	12.2	11.7	11.2
	50 + 60	3.36	4.04	—	—	3.9	7.4	7.9	630	2660	2990	12.2	11.7	11.2
	60 + 60 *	3.70	3.70	—	—	4.1	7.4	7.9	740	2660	2990	12.2	11.7	11.2
60 + 71 *	3.39	4.01	—	—	4.1	7.4	7.9	740	2660	2990	12.2	11.7	11.2	
3 room	20 + 20 + 20	2.00	2.00	2.00	—	4.6	6.0	8.8	630	1380	2990	6.4	6.1	5.9
	20 + 20 + 22	2.00	2.00	2.20	—	4.6	6.2	8.8	630	1470	2990	6.8	6.5	6.3
	20 + 20 + 25	2.00	2.00	2.50	—	4.6	6.5	8.8	630	1590	2990	7.4	7.1	6.8
	20 + 20 + 28	1.94	1.94	2.72	—	4.6	6.6	8.8	630	1690	2990	7.8	7.5	7.2
	20 + 20 + 35	1.89	1.89	3.31	—	4.6	7.1	8.8	630	1960	2990	9.0	8.6	8.2
	20 + 20 + 50	1.73	1.73	4.33	—	4.7	7.8	8.8	700	2380	2990	10.9	10.5	10.0
	20 + 20 + 60	1.56	1.56	4.68	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	20 + 20 + 71	1.41	1.41	4.99	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	20 + 22 + 22	1.97	2.17	2.17	—	4.6	6.3	8.8	630	1510	2990	7.0	6.7	6.4
	20 + 22 + 25	1.97	2.17	2.46	—	4.6	6.6	8.8	630	1660	2990	7.7	7.4	7.1
	20 + 22 + 28	1.94	2.14	2.72	—	4.6	6.8	8.8	630	1790	2990	8.2	7.9	7.5
	20 + 22 + 35	1.90	2.09	3.32	—	4.6	7.3	8.8	630	2070	2990	9.5	9.1	8.7
	20 + 22 + 50	1.70	1.87	4.24	—	4.7	7.8	8.8	700	2380	2990	10.9	10.5	10.0
	20 + 22 + 60	1.53	1.68	4.59	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	20 + 22 + 71	1.38	1.52	4.90	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	20 + 25 + 25	1.94	2.43	2.43	—	4.6	6.8	8.8	630	1790	2990	8.2	7.9	7.5
	20 + 25 + 28	1.92	2.40	2.68	—	4.6	7.0	8.8	630	1910	2990	8.8	8.4	8.0
	20 + 25 + 35	1.88	2.34	3.28	—	4.6	7.5	8.8	630	2190	2990	10.1	9.6	9.2
	20 + 25 + 50	1.64	2.05	4.11	—	4.7	7.8	8.8	700	2380	2990	10.9	10.5	10.0
	20 + 25 + 60	1.49	1.86	4.46	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	20 + 25 + 71	1.34	1.68	4.77	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	20 + 28 + 28	1.89	2.65	2.65	—	4.6	7.2	8.8	630	2010	2990	9.2	8.8	8.5
	20 + 28 + 35	1.86	2.60	3.25	—	4.6	7.7	8.8	630	2320	2990	10.7	10.2	9.8
	20 + 28 + 50	1.59	2.23	3.98	—	4.7	7.8	8.8	700	2380	2990	10.9	10.5	10.0
	20 + 28 + 60	1.44	2.02	4.33	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	20 + 28 + 71	1.31	1.84	4.65	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	20 + 35 + 35	1.73	3.03	3.03	—	4.6	7.8	8.8	630	2380	2990	10.9	10.5	10.0
	20 + 35 + 50	1.49	2.60	3.71	—	4.7	7.8	8.8	700	2380	2990	10.9	10.5	10.0
	20 + 35 + 60	1.36	2.37	4.07	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	20 + 35 + 71	1.24	2.17	4.40	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	20 + 50 + 50	1.30	3.25	3.25	—	4.9	7.8	8.8	780	2380	2990	10.9	10.5	10.0
	20 + 50 + 60	1.20	3.00	3.60	—	5.1	7.8	8.8	890	2380	2990	10.9	10.5	10.0
	22 + 22 + 22	2.17	2.17	2.17	—	4.6	6.5	8.8	630	1610	2990	7.5	7.1	6.8
	22 + 22 + 25	2.14	2.14	2.43	—	4.6	6.7	8.8	630	1730	2990	8.0	7.7	7.4
	22 + 22 + 28	2.11	2.11	2.68	—	4.6	6.9	8.8	630	1860	2990	8.5	8.2	7.8
	22 + 22 + 35	2.06	2.06	3.28	—	4.6	7.4	8.8	630	2140	2990	9.8	9.4	9.0
	22 + 22 + 50	1.83	1.83	4.15	—	4.7	7.8	8.8	700	2380	2990	10.9	10.5	10.0
	22 + 22 + 60	1.65	1.65	4.50	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	22 + 22 + 71	1.49	1.49	4.82	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	22 + 25 + 25	2.11	2.40	2.40	—	4.6	6.9	8.8	630	1860	2990	8.5	8.2	7.8
	22 + 25 + 28	2.08	2.37	2.65	—	4.6	7.1	8.8	630	1960	2990	9.0	8.6	8.2
	22 + 25 + 35	2.04	2.32	3.24	—	4.6	7.6	8.8	630	2280	2990	10.5	10.0	9.6
	22 + 25 + 50	1.77	2.01	4.02	—	4.7	7.8	8.8	700	2380	2990	10.9	10.5	10.0
	22 + 25 + 60	1.60	1.82	4.37	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	22 + 25 + 71	1.45	1.65	4.69	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	22 + 28 + 28	2.09	2.66	2.66	—	4.6	7.4	8.8	630	2140	2990	9.8	9.4	9.0
	22 + 28 + 35	2.02	2.57	3.21	—	4.6	7.8	8.8	630	2380	2990	10.9	10.5	10.0
	22 + 28 + 50	1.72	2.18	3.90	—	4.7	7.8	8.8	700	2380	2990	10.9	10.5	10.0
22 + 28 + 60	1.56	1.99	4.25	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0	
22 + 28 + 71	1.42	1.80	4.58	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0	
22 + 35 + 35	1.87	2.97	2.97	—	4.6	7.8	8.8	630	2380	2990	10.9	10.5	10.0	

*3 One out of three or four room operation

INVERTER MU TI-SP IT SYSTEM

SCM80ZG-S (Cooling operation)

Indoor unit combination		Cooling capacity (kW)						Power consumption (W)			Standard current (A)			
		Room cooling capacity (kW)				Total capacity (kW)		Min.	Standard	Max.	220V	230V	240V	
		A room	B room	C room	D room	Min.	Standard							Max.
3 room	22 + 35 + 50	1.60	2.55	3.64	—	4.7	7.8	8.8	700	2380	2990	10.9	10.5	10.0
	22 + 35 + 60	1.47	2.33	4.00	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	22 + 35 + 71	1.34	2.13	4.33	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	22 + 50 + 50	1.41	3.20	3.20	—	4.9	7.8	8.8	780	2380	2990	10.9	10.5	10.0
	22 + 50 + 60	1.30	2.95	3.55	—	5.1	7.8	8.8	890	2380	2990	10.9	10.5	10.0
	25 + 25 + 25	2.37	2.37	2.37	—	4.6	7.1	8.8	630	1960	2990	9.0	8.6	8.2
	25 + 25 + 28	2.37	2.37	2.66	—	4.6	7.4	8.8	630	2140	2990	9.8	9.4	9.0
	25 + 25 + 35	2.29	2.29	3.21	—	4.6	7.8	8.8	630	2380	2990	10.9	10.5	10.0
	25 + 25 + 50	1.95	1.95	3.90	—	4.7	7.8	8.8	700	2380	2990	10.9	10.5	10.0
	25 + 25 + 60	1.77	1.77	4.25	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	25 + 25 + 71	1.61	1.61	4.58	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	25 + 28 + 28	2.35	2.63	2.63	—	4.6	7.6	8.8	630	2280	2990	10.5	10.0	9.6
	25 + 28 + 35	2.22	2.48	3.10	—	4.6	7.8	8.8	630	2380	2990	10.9	10.5	10.0
	25 + 28 + 50	1.89	2.12	3.79	—	4.7	7.8	8.8	700	2380	2990	10.9	10.5	10.0
	25 + 28 + 60	1.73	1.93	4.14	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	25 + 28 + 71	1.57	1.76	4.47	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	25 + 35 + 35	2.05	2.87	2.87	—	4.6	7.8	8.8	630	2380	2990	10.9	10.5	10.0
	25 + 35 + 50	1.77	2.48	3.55	—	4.7	7.8	8.8	700	2380	2990	10.9	10.5	10.0
	25 + 35 + 60	1.63	2.28	3.90	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	25 + 35 + 71	1.49	2.08	4.23	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	25 + 50 + 50	1.56	3.12	3.12	—	4.9	7.8	8.8	780	2380	2990	10.9	10.5	10.0
	25 + 50 + 60	1.44	2.89	3.47	—	5.1	7.8	8.8	890	2380	2990	10.9	10.5	10.0
	28 + 28 + 28	2.60	2.60	2.60	—	4.6	7.8	8.8	630	2380	2990	10.9	10.5	10.0
	28 + 28 + 35	2.40	2.40	3.00	—	4.6	7.8	8.8	630	2380	2990	10.9	10.5	10.0
	28 + 28 + 50	2.06	2.06	3.68	—	4.7	7.8	8.8	700	2380	2990	10.9	10.5	10.0
	28 + 28 + 60	1.88	1.88	4.03	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	28 + 28 + 71	1.72	1.72	4.36	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	28 + 35 + 35	2.23	2.79	2.79	—	4.6	7.8	8.8	630	2380	2990	10.9	10.5	10.0
	28 + 35 + 50	1.93	2.42	3.45	—	4.7	7.8	8.8	700	2380	2990	10.9	10.5	10.0
	28 + 35 + 60	1.78	2.22	3.80	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	28 + 35 + 71	1.63	2.04	4.13	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
	28 + 50 + 50	1.71	3.05	3.05	—	4.9	7.8	8.8	780	2380	2990	10.9	10.5	10.0
	35 + 35 + 35	2.60	2.60	2.60	—	4.6	7.8	8.8	630	2380	2990	10.9	10.5	10.0
	35 + 35 + 50	2.28	2.28	3.25	—	4.7	7.8	8.8	700	2380	2990	10.9	10.5	10.0
	35 + 35 + 60	2.10	2.10	3.60	—	5.0	7.8	8.8	820	2380	2990	10.9	10.5	10.0
35 + 50 + 50	2.02	2.89	2.89	—	4.9	7.8	8.8	780	2380	2990	10.9	10.5	10.0	
4 room	20 + 20 + 20 + 20	1.95	1.95	1.95	1.95	3.8	7.8	9.5	890	2180	2990	10.0	9.6	9.2
	20 + 20 + 20 + 22	1.90	1.90	1.90	2.09	3.8	7.8	9.5	890	2180	2990	10.0	9.6	9.2
	20 + 20 + 20 + 25	1.84	1.84	1.84	2.29	3.8	7.8	9.5	890	2180	2990	10.0	9.6	9.2
	20 + 20 + 20 + 28	1.77	1.77	1.77	2.48	3.8	7.8	9.5	890	2180	2990	10.0	9.6	9.2
	20 + 20 + 20 + 35	1.66	1.66	1.66	2.91	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 20 + 20 + 50	1.44	1.44	1.44	3.59	4.1	7.9	9.5	970	2200	2990	10.1	9.7	9.3
	20 + 20 + 20 + 60	1.32	1.32	1.32	3.95	4.5	7.9	9.5	1090	2200	2990	10.1	9.7	9.3
	20 + 20 + 20 + 71	1.22	1.22	1.22	4.34	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	20 + 20 + 22 + 22	1.86	1.86	2.04	2.04	3.8	7.8	9.5	890	2180	2990	10.0	9.6	9.2
	20 + 20 + 22 + 25	1.79	1.79	1.97	2.24	3.8	7.8	9.5	890	2180	2990	10.0	9.6	9.2
	20 + 20 + 22 + 28	1.73	1.73	1.91	2.43	3.8	7.8	9.5	890	2180	2990	10.0	9.6	9.2
	20 + 20 + 22 + 35	1.63	1.63	1.79	2.85	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 20 + 22 + 50	1.41	1.41	1.55	3.53	4.1	7.9	9.5	970	2200	2990	10.1	9.7	9.3
	20 + 20 + 22 + 60	1.31	1.31	1.44	3.93	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	20 + 20 + 22 + 71	1.20	1.20	1.32	4.27	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	20 + 20 + 25 + 25	1.73	1.73	2.17	2.17	3.8	7.8	9.5	890	2180	2990	10.0	9.6	9.2
	20 + 20 + 25 + 28	1.68	1.68	2.10	2.35	3.8	7.8	9.5	890	2180	2990	10.0	9.6	9.2
	20 + 20 + 25 + 35	1.58	1.58	1.98	2.77	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 20 + 25 + 50	1.37	1.37	1.72	3.43	4.1	7.9	9.5	970	2200	2990	10.1	9.7	9.3
	20 + 20 + 25 + 60	1.28	1.28	1.60	3.84	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	20 + 20 + 28 + 28	1.65	1.65	2.30	2.30	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 20 + 28 + 35	1.53	1.53	2.15	2.68	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 20 + 28 + 50	1.34	1.34	1.87	3.35	4.1	7.9	9.5	970	2200	2990	10.1	9.7	9.3
	20 + 20 + 28 + 60	1.25	1.25	1.75	3.75	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	20 + 20 + 35 + 35	1.44	1.44	2.51	2.51	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 20 + 35 + 50	1.28	1.28	2.24	3.20	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3
	20 + 20 + 35 + 60	1.19	1.19	2.07	3.56	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	20 + 22 + 22 + 22	1.81	2.00	2.00	2.00	3.8	7.8	9.5	890	2180	2990	10.0	9.6	9.2
	20 + 22 + 22 + 25	1.75	1.93	1.93	2.19	3.8	7.8	9.5	890	2180	2990	10.0	9.6	9.2
	20 + 22 + 22 + 28	1.70	1.87	1.87	2.37	3.8	7.8	9.5	890	2180	2990	10.0	9.6	9.2
	20 + 22 + 22 + 35	1.60	1.76	1.76	2.79	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 22 + 22 + 50	1.39	1.52	1.52	3.46	4.1	7.9	9.5	970	2200	2990	10.1	9.7	9.3
	20 + 22 + 22 + 60	1.29	1.42	1.42	3.87	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	20 + 22 + 22 + 71	1.19	1.30	1.30	4.21	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	20 + 22 + 25 + 25	1.70	1.87	2.12	2.12	3.8	7.8	9.5	890	2180	2990	10.0	9.6	9.2
	20 + 22 + 25 + 28	1.66	1.83	2.08	2.33	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 22 + 25 + 35	1.55	1.70	1.94	2.71	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 22 + 25 + 50	1.35	1.49	1.69	3.38	4.1	7.9	9.5	970	2200	2990	10.1	9.7	9.3
	20 + 22 + 25 + 60	1.26	1.39	1.57	3.78	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	20 + 22 + 28 + 28	1.61	1.77	2.26	2.26	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 22 + 28 + 35	1.50	1.66	2.11	2.63	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 22 + 28 + 50	1.32	1.45	1.84	3.29	4.1	7.9	9.5	970	2200	2990	10.1	9.7	9.3
	20 + 22 + 28 + 60	1.23	1.35	1.72	3.69	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	20 + 22 + 35 + 35	1.41	1.55	2.47	2.47	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 22 + 35 + 50	1.26	1.39	2.20	3.15	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3
	20 + 25 + 25 + 25	1.66	2.08	2.08	2.08	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 25 + 25 + 28	1.61	2.02	2.02	2.26	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 25 + 25 + 35	1.50	1.88	1.88	2.63	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 25 + 25 + 50	1.32	1.65	1.65	3.29	4.1	7.9	9.5	970	2200	2990	10.1	9.7	9.3
	20 + 25 + 25 + 60	1.23	1.54	1.54	3.69	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	20 + 25 + 28 + 28	1.56	1.96	2.19	2.19	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
20 + 25 + 28 + 35	1.46	1.83	2.05	2.56	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3	
20 + 25 + 28 + 50	1.30	1.63	1.82	3.25	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3	
20 + 25 + 28 + 60	1.20	1.50	1.68	3.61	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3	
20 + 25 + 35														

SCM80ZG-S (Cooling operation)

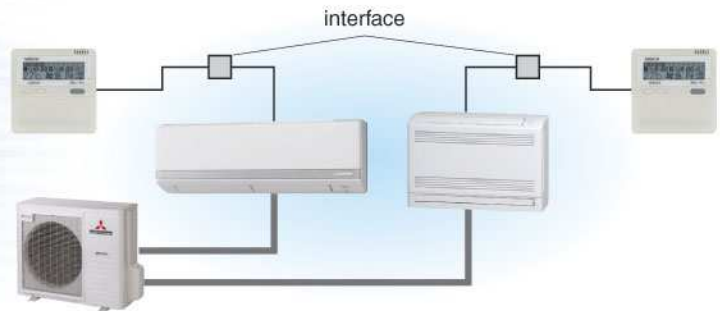
Indoor unit combination	Cooling capacity (kW)							Power consumption (W)			Standard current (A)			
	Room cooling capacity (kW)				Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V	
	A room	B room	C room	D room	Min.	Standard	Max.							
4 room	20 + 28 + 28 + 35	1.42	1.99	1.99	2.49	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 28 + 28 + 50	1.27	1.78	1.78	3.17	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3
	20 + 28 + 35 + 35	1.34	1.87	2.34	2.34	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	20 + 28 + 35 + 50	1.20	1.68	2.11	3.01	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3
	20 + 35 + 35 + 35	1.28	2.24	2.24	2.24	3.8	8.0	9.5	890	2220	2990	10.2	9.7	9.3
	22 + 22 + 22 + 22	1.95	1.95	1.95	1.95	3.8	7.8	9.5	890	2180	2990	10.0	9.6	9.2
	22 + 22 + 22 + 25	1.89	1.89	1.89	2.14	3.8	7.8	9.5	890	2180	2990	10.0	9.6	9.2
	22 + 22 + 22 + 28	1.85	1.85	1.85	2.35	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 22 + 22 + 35	1.72	1.72	1.72	2.74	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 22 + 22 + 50	1.50	1.50	1.50	3.41	4.1	7.9	9.5	970	2200	2990	10.1	9.7	9.3
	22 + 22 + 22 + 60	1.40	1.40	1.40	3.81	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	22 + 22 + 25 + 25	1.85	1.85	2.10	2.10	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 22 + 25 + 28	1.79	1.79	2.04	2.28	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 22 + 25 + 35	1.67	1.67	1.90	2.66	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 22 + 25 + 50	1.46	1.46	1.66	3.32	4.1	7.9	9.5	970	2200	2990	10.1	9.7	9.3
	22 + 22 + 25 + 60	1.36	1.36	1.55	3.72	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	22 + 22 + 28 + 28	1.74	1.74	2.21	2.21	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 22 + 28 + 35	1.62	1.62	2.07	2.58	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 22 + 28 + 50	1.44	1.44	1.84	3.28	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3
	22 + 22 + 28 + 60	1.33	1.33	1.70	3.64	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	22 + 22 + 35 + 28	1.52	1.52	2.43	2.43	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 22 + 35 + 50	1.36	1.36	2.17	3.10	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3
	22 + 25 + 25 + 25	1.79	2.04	2.04	2.04	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 25 + 25 + 28	1.74	1.98	1.98	2.21	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 25 + 25 + 35	1.62	1.85	1.85	2.58	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 25 + 25 + 50	1.44	1.64	1.64	3.28	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3
	22 + 25 + 25 + 60	1.33	1.52	1.52	3.64	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	22 + 25 + 28 + 28	1.69	1.92	2.15	2.15	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 25 + 28 + 35	1.58	1.80	2.01	2.51	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 25 + 28 + 50	1.41	1.60	1.79	3.20	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3
	22 + 25 + 28 + 60	1.30	1.48	1.66	3.56	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	22 + 25 + 35 + 28	1.49	1.69	2.36	2.36	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 25 + 35 + 50	1.33	1.52	2.12	3.03	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3
	22 + 28 + 28 + 28	1.64	2.09	2.09	2.09	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 28 + 28 + 35	1.54	1.96	1.96	2.45	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 28 + 28 + 50	1.38	1.75	1.75	3.13	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3
	22 + 28 + 35 + 35	1.45	1.84	2.30	2.30	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	22 + 28 + 35 + 50	1.30	1.66	2.07	2.96	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3
	22 + 35 + 35 + 35	1.39	2.20	2.20	2.20	3.8	8.0	9.5	890	2220	2990	10.2	9.7	9.3
	25 + 25 + 25 + 25	1.98	1.98	1.98	1.98	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	25 + 25 + 25 + 28	1.92	1.92	1.92	2.15	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	25 + 25 + 25 + 35	1.80	1.80	1.80	2.51	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	25 + 25 + 25 + 50	1.60	1.60	1.60	3.20	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3
	25 + 25 + 25 + 60	1.48	1.48	1.48	3.56	4.5	8.0	9.5	1090	2220	2990	10.2	9.7	9.3
	25 + 25 + 28 + 28	1.86	1.86	2.09	2.09	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	25 + 25 + 28 + 35	1.75	1.75	1.96	2.45	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
	25 + 25 + 28 + 50	1.56	1.56	1.75	3.13	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3
	25 + 25 + 35 + 35	1.65	1.65	2.30	2.30	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3
25 + 25 + 35 + 50	1.48	1.48	2.07	2.96	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3	
25 + 28 + 28 + 28	1.81	2.03	2.03	2.03	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3	
25 + 28 + 28 + 35	1.70	1.91	1.91	2.38	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3	
25 + 28 + 28 + 50	1.53	1.71	1.71	3.05	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3	
25 + 28 + 35 + 35	1.63	1.82	2.28	2.28	3.8	8.0	9.5	890	2220	2990	10.2	9.7	9.3	
25 + 35 + 35 + 35	1.54	2.15	2.15	2.15	3.8	8.0	9.5	890	2220	2990	10.2	9.7	9.3	
28 + 28 + 28 + 28	1.98	1.98	1.98	1.98	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3	
28 + 28 + 28 + 35	1.86	1.86	1.86	2.32	3.8	7.9	9.5	890	2200	2990	10.1	9.7	9.3	
28 + 28 + 28 + 50	1.67	1.67	1.67	2.99	4.1	8.0	9.5	970	2220	2990	10.2	9.7	9.3	
28 + 28 + 35 + 35	1.78	1.78	2.22	2.22	3.8	8.0	9.5	890	2220	2990	10.2	9.7	9.3	
28 + 35 + 35 + 35	1.68	2.11	2.11	2.11	3.8	8.0	9.5	890	2220	2990	10.2	9.7	9.3	

Control option

Wired remote control can be connected

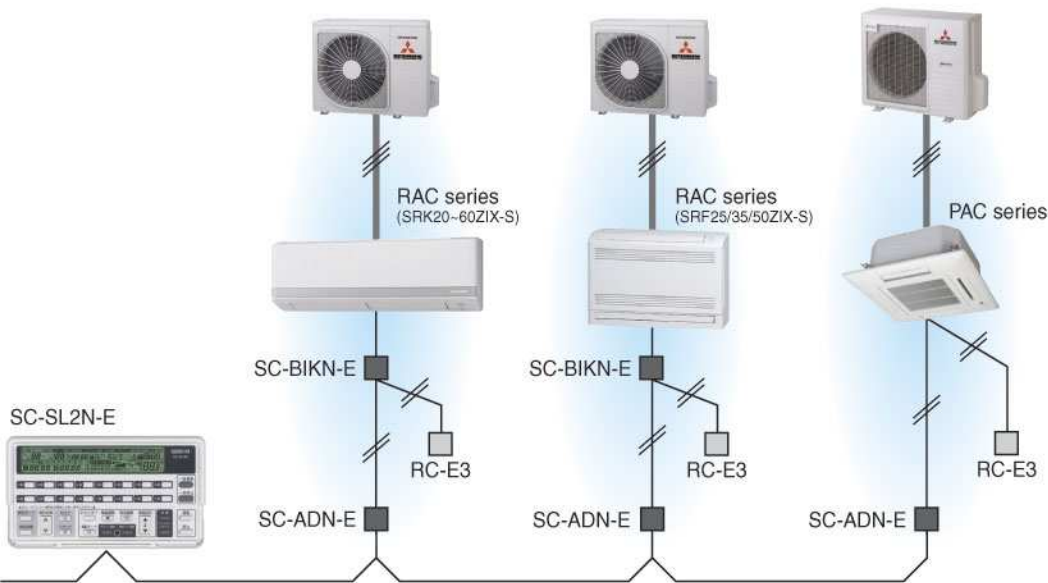
Wired remote control can be connected

Model	Interface	Remote Control
SRK63/71ZE-S1 SRK63/71HE-S1 SKM60/71ZG-S SRRM, STM	not required	RC-E1R
SRK20~50ZG-S SKM20~50ZG-S	SC-BIK1-E	
SRK20~60ZIX-S SRF25~50ZIX-S	SC-BIKN-E	RC-E3

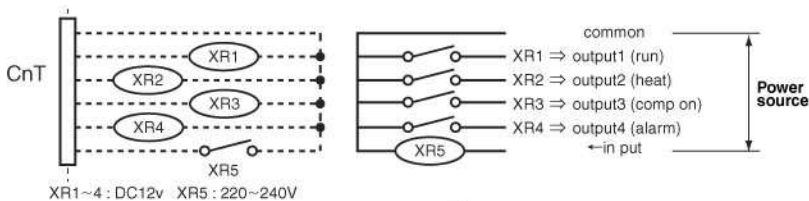


Can be connected to SUPERLINK-II

Model	Interface	Remote Control
SRK20~60ZIX-S SRF25~50ZIX-S	SC-BIKN-E SC-ADN-E	RC-E3



CnT terminal is equipped



Remote surveillance system



Card key on-off



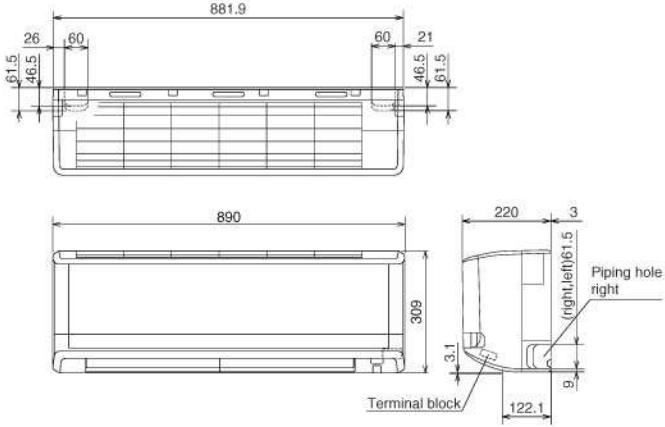
Humidifier linkage

INDOOR UNIT

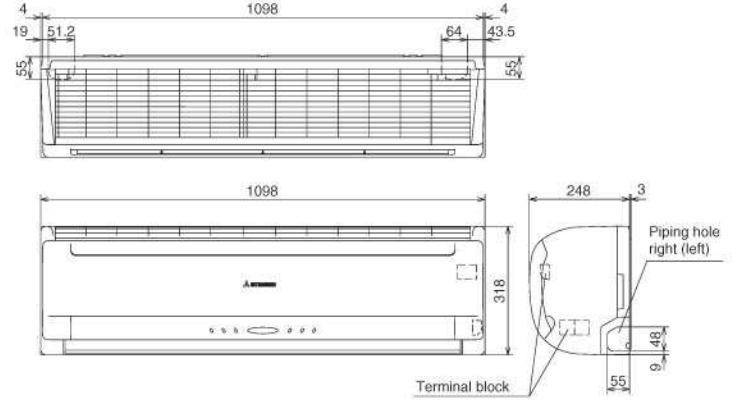
Unit: mm

Wall mounted type

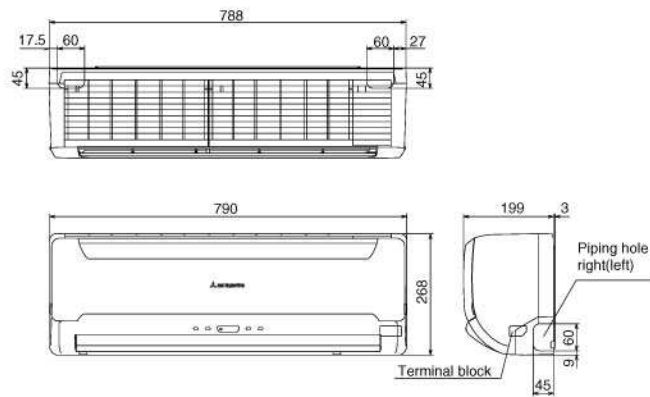
SRK20ZIX-S SRK25ZIX-S SRK35ZIX-S
SRK50ZIX-S SRK60ZIX-S



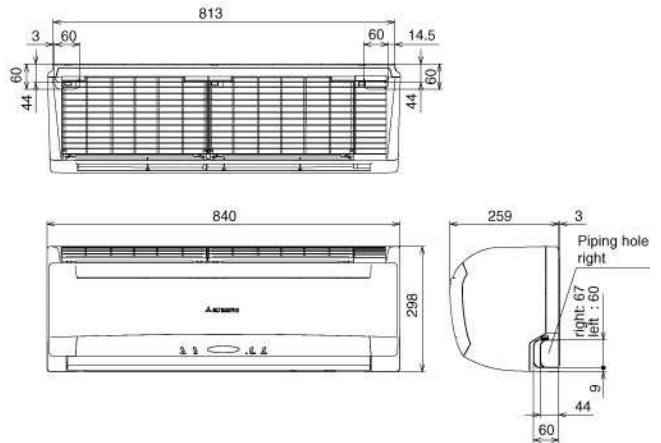
SRK63ZE-S1 SRK71ZE-S1 SRK63HE-S1 SRK71HE-S1
SKM60ZG-S SKM71ZG-S



SRK20ZG-S SRK25ZG-S SRK35ZG-S SRK50ZG-S
SRK20HG-S SRK28HG-S SRK40HG-S
SKM20ZG-S SKM22ZG-S SKM25ZG-S
SKM28ZG-S SKM35ZG-S SKM50ZG-S

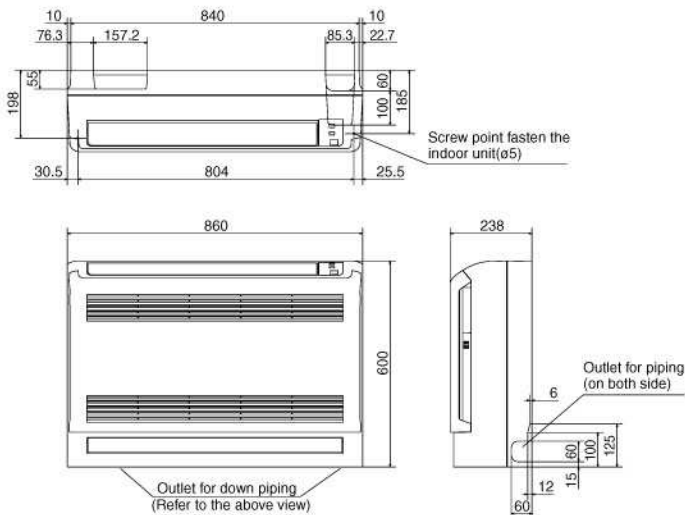


SRK50HE-S1 SRK56HE-S1



Floor standing type

SRF25ZIX-S SRF35ZIX-S SRF50ZIX-S



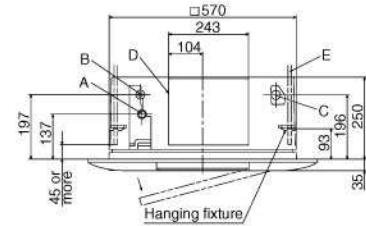
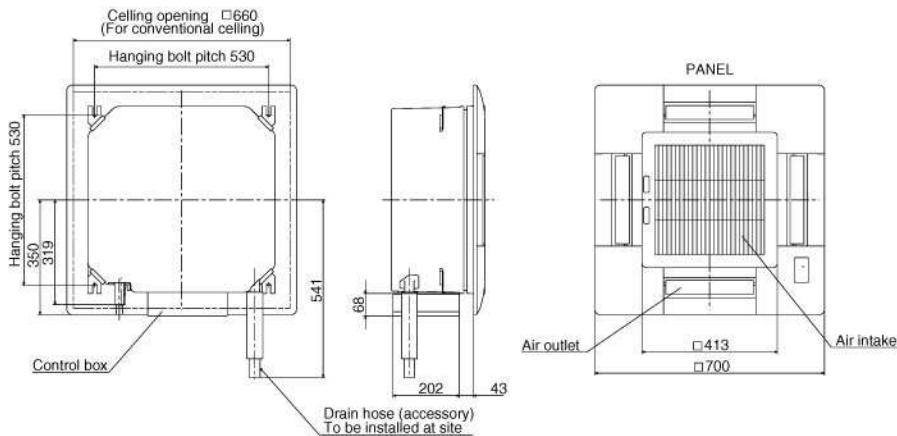
Dimensions

INDOOR UNIT

Unit: mm

4way ceiling cassette type

STM25ZF-S STM35ZF-S STM50ZF-S STM60ZF-S

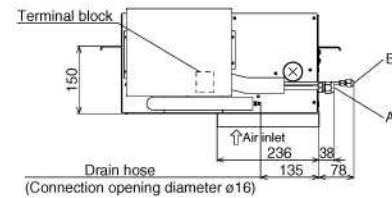
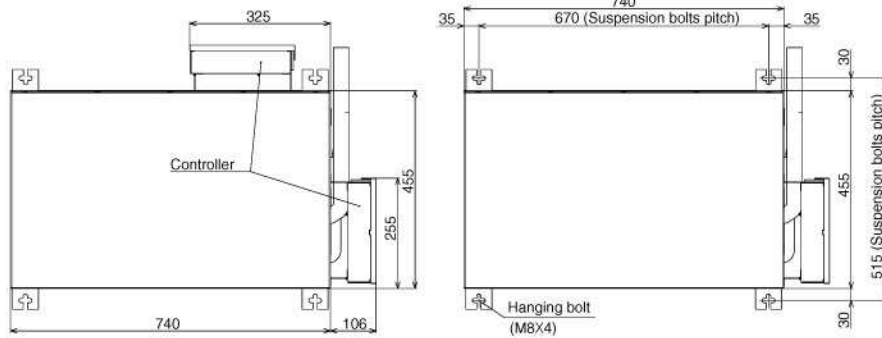


Mark	Description	
	Model	25,35ZF-S 50,60ZF-S
A	Gas pipe connecting port	φ9.52(Flare) φ12.7(Flare)
B	Liquid pipe connecting port	φ6.35(Flare)
C	Drain line tube connecting port	VP25*
D	Power intake	
E	Hanging bolt	(M10 or M8)

*Please arrange VP25 connector sockets on the installer's part.

Ceiling Concealed

SRRM25ZF-S SRRM35ZF-S
SRRM50ZF-S SRRM60ZF-S



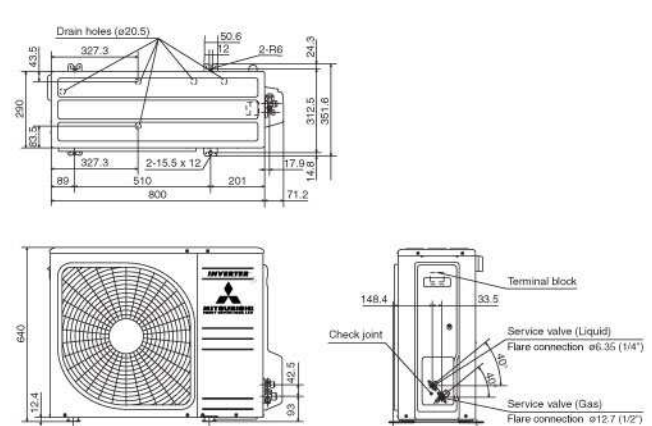
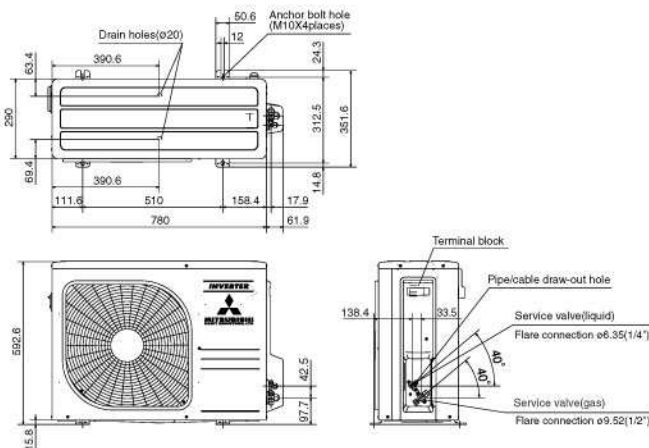
Mark	Description	
	Model	25,35ZF-S 50,60ZF-S
A	Gas pipe connecting port	φ9.52(Flare) φ12.7(Flare)
B	Liquid pipe connecting port	φ6.35(Flare)

OUTDOOR UNIT

Unit: mm

SRC20ZIX-S SRC25ZIX-S SRC35ZIX-S

SRC50ZIX-S SRC60ZIX-S

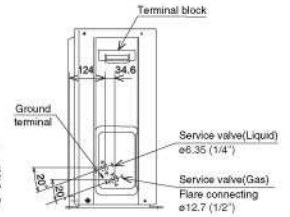
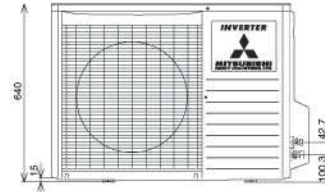
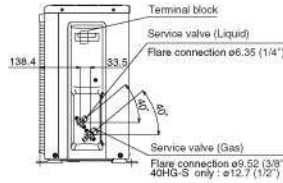
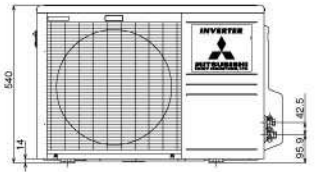
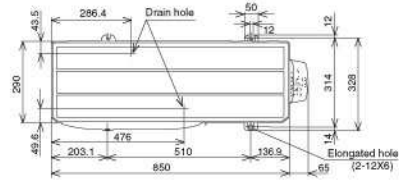
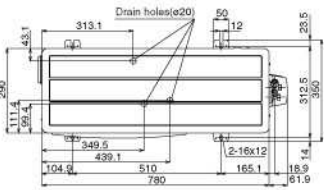


OUTDOOR UNIT

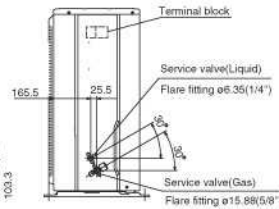
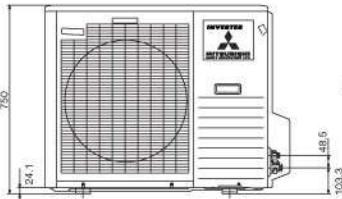
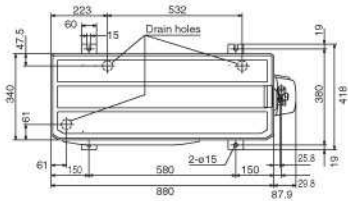
Unit: mm

SRC20ZG-S SRC25ZG-S SRC35ZG-S
SRC20HG-S SRC28HG-S SRC40HG-S

SRC50ZG-S SRC50HE-S1 SRC56HE-S1 SRC63HE-S1

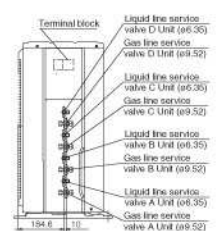
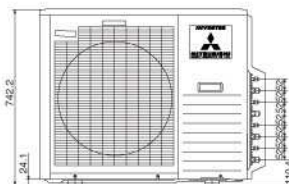
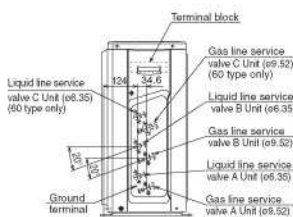
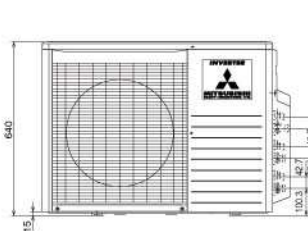
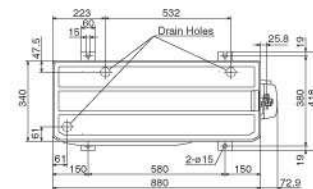
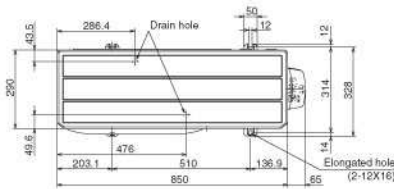


SRC63ZE-S1 SRC71ZE-S1 SRC71HE-S1



SCM40ZG-S SCM45ZG-S SCM48ZG-S SCM60ZG-S

SCM80ZG-S



Before starting use

Heating performance

The heating performance values (kW) described in catalog are the values obtained by operating at an outdoor temperature of 7°C and indoor temperature of 20°C 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 the Residential Air conditioner is non-toxic and inflammable 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, 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.



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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 6700



MITSUBISHI HEAVY INDUSTRIES-
MAHJAK AIR CONDITIONERS CO., LTD.
Certified ISO 9001
Certificate Number : 34755 1828 0813

ISO14001

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



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Mitsubishi Heavy Industries, Ltd.
Air conditioning & Refrigeration Systems Headquarters
Certified ISO 14001
Certificate number : JQA 68036



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MAHJAK AIR CONDITIONERS CO., LTD.
Certificate Number : 34754 1998 0813 EE

