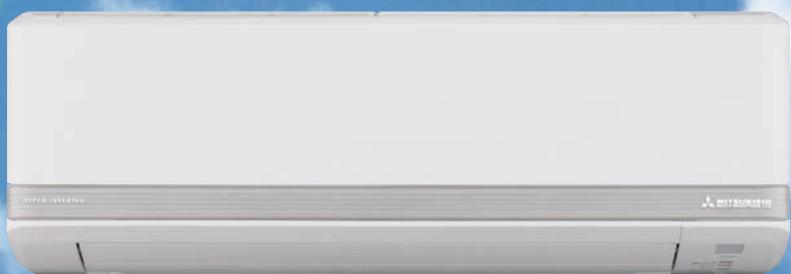




Our Technologies, Your Tomorrow



# High Performance Air-Conditioning 2015



50Hz  
15R03E

**SR***series*

Residential Air Conditioners



# SRK ZMX

Wall Mounted type



Remote  
control

The industry's highest levels  
**SEER 7.60**  
( SRK25ZMX-S )

**3D AUTO**  
Programmed air distribution

Sophisticated design

Quiet operation



**Industry leading energy efficiency  
and high reliability  
from our advanced technology.**



# Consideration for the Environment

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

## ENERGY LABEL

**SEER and SCOP is defined in European regulations listed below.**

No.626/2011 of 4 May 2011: energy labeling of air-conditioners (below cooling capacity 12kW). No.206/2012 of 6 March 2012: requirement for air-conditioners and comfort fans.

Seasonal efficiency is the new way of rating the true efficiency of heating and cooling products over an entire year.

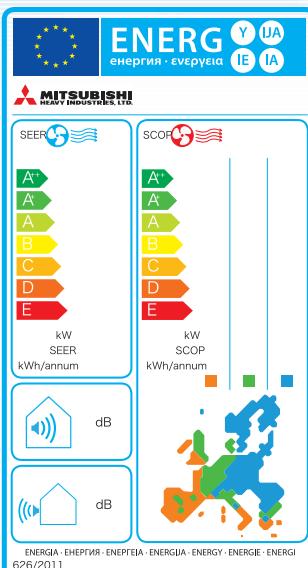
Set by the EU's new regulation implementing Eco-Design Directive for Energy Related Product (ErP) which specifies the minimum efficiency of air-conditioners manufacturers must integrate into their products.

The new Seasonal Efficiency rating system that must be used for heating and cooling by all manufacturers are;

SEER - Seasonal Efficiency Ratio (value in cooling)

SCOP - Seasonal Coefficient of Performance (value in heating)

The new rating system will indicate the true efficiency of the energy using product at specified condition.



## Employment of lead-free solder

### Adapted to RoHS directive

RoHS: Restriction of Hazardous substances

In order to avoid the release of hazardous substances into the environments, all models have utilized lead-free solder application. It has been considered to be difficult to use lead-free solder for practical applications because it requires higher solder temperatures at assembly, which can jeopardize reliability. However our PbF soldering method can produce a higher quality lead-free printed circuit board.

## Employment of R410A

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

## Excellent Energy Saving

High performance and excellent energy savings are achieved at the same time by heat exchanger's increased capacity and employment of high efficiency DC motor.

Applied models  
All inverter models

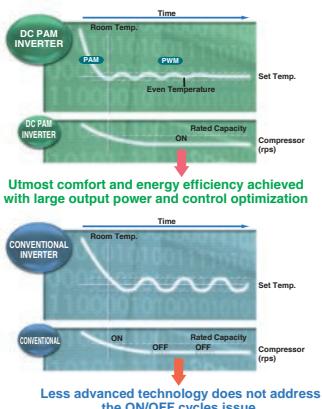
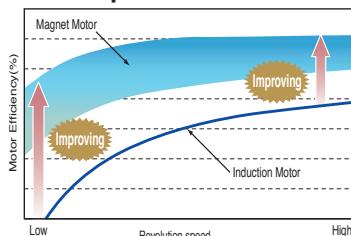
## QUICK & HIGH EFFICIENCY Control DC PAM inverter

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  
All inverter models

## New Inverter Control (Vector control)

The new inverter control, with the advanced vector control technology, functions at high efficiency.

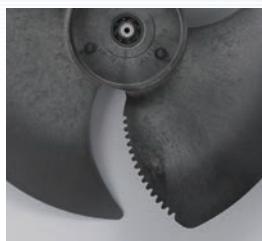
- Smooth operation from low speed to high speed
- Smooth Sine Voltage Wave form are attained
- Energy efficiency is further improved in low speed range

• Applied models  
All inverter models

## Our latest technologies

### Propeller fan

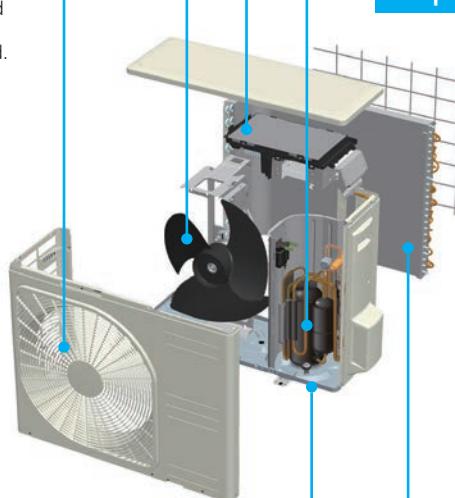
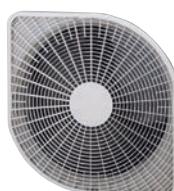
Matching a propeller fan with a fan motor has been optimized in order to keep the same capacity as that of previous models with less electrical consumption. Synergy effect with leaf grill has increased efficiency by 5% and quietened the sound. (SRC40/50/60ZMX)



Serration fan

### Energy saving leaf shape grill

The radial shape grill has been developed in order to send airflow efficiently out unit along the grill. Decreasing the load for motor and propeller fan leads to greater energy efficiency and contributes to quieter sound. (SRC40/50/60ZMX)



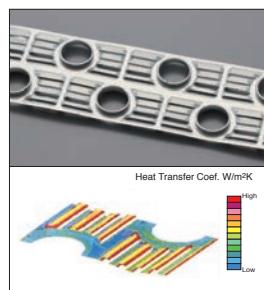
### Superior corrosion resistance hot dipping steel sheet

Superior corrosion resistance hot dipping steel sheet is applied at the base of outdoor units. It has superior corrosion resistance and scratch resistance properties compared to conventional materials. (except SRC25/35ZMP)



### Indoor unit

Our optimal combination of fin configuration and copper tube has maximized airflow volume without expanding indoor unit's size in width. The heat exchanger efficiency rate has been drastically improved by 33% compared with that of previous models. New fin can maximize airflow volume and save energy simultaneously. (except SRK-ZMP)



### Outdoor unit

Thanks to changing fin configuration from flat sheet to new M shape fin, efficiency has increased by 10%. This high dimensional structure provides optimum balance of heat transfer and airflow.

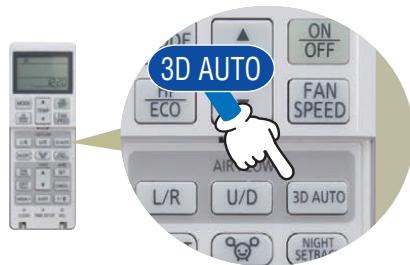


## 3D AUTO Vertical + Horizontal AIR SCROLL

**3 motors make 3 independent controls**



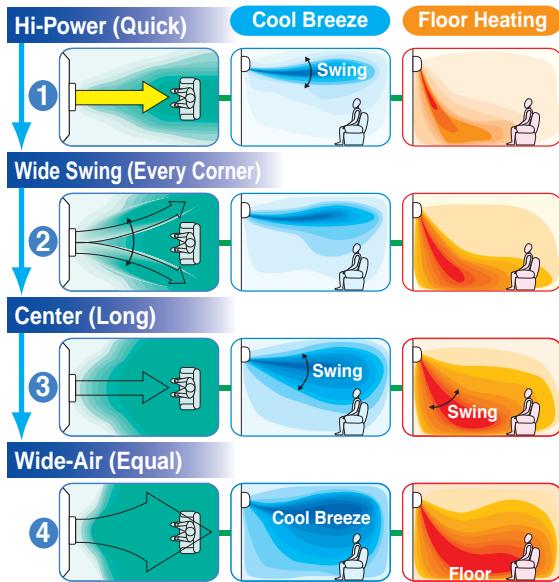
Applied models  
SRK-ZMX, SRK-ZR,  
SRK-ZM,  
SRK63/71HE  
(Manual Setting only)



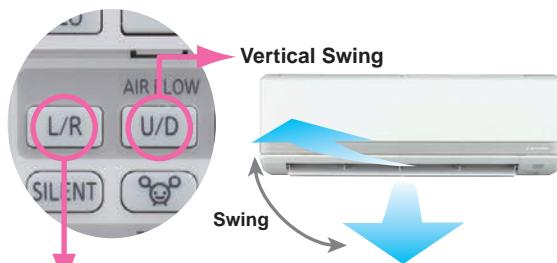
3D AUTO is one touch programmed and three motors (one vertical working motor + two horizontal working motors) make three independent air flow controls.

The uniform and quiet airflow can be delivered to every corner of the room, achieving economical operation and minimizing energy loss.

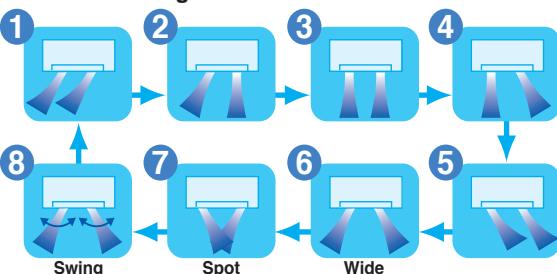
### Programmed 3D AUTO



### Manual Setting



#### Horizontal swings in 8 directions



Thanks to automatic control of air flow volume and air flow direction, comfortable air conditioning of the entire room can be done effectively.

The cooled air flows directly to the ceiling in cooling operation mode, not directly at the occupants of the room. Comfort cooled air flow comes via the ceiling like a cool breeze.

In the heating mode, warm air flow can be sent down to the floor directly. The warm air then spread along the floor achieving optimum comfort.

The airflow direction from the right and left louvers can be controlled individually. Eight different air flow patterns can be selected.

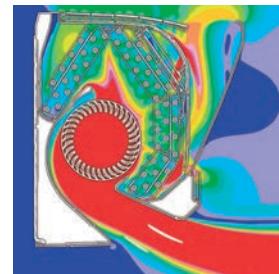
**Aircraft technology was used in the design of the air conditioner's airflow system**

## Jet Air Scroll Long Reach & Silent Air Flow

• Applied models  
All SRK

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 jet air stream generated by this air channel system can bring large volume air without consuming much power. While at the same time, it delivers a uniform gentle breeze to every corner of the room.



(C) Mitsubishi Aircraft Corporation

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.

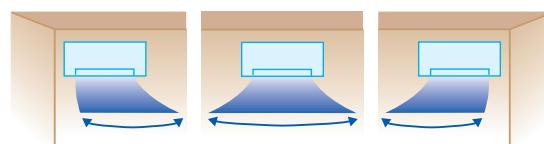
• Applied models  
SRK50/60ZMX,  
SRK-ZR, SRK-ZM,  
SRK63/71HE



## Installation Positioning

The air flow direction can be set to suit your room's configuration.

• Applied models  
SRK-ZMX, SRK-ZR,  
SRK-ZM



## Movable Air Inlet Panel

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

• Applied models  
SRK-ZMX



# Clean Air



Applied models  
SRK-ZMX, SRK-ZM,  
SRK-HG, SRK-HE

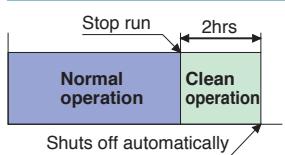


**Generates the same amount of negative ions as a forest environment**

## 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  
SRK-ZMX, SRK-ZR,  
SRK-ZM, SRK-ZMP,  
SRK-HG, SRF-ZMX,  
SRR-ZM



**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"

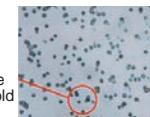
Fungal mycelia expand.



Fungal mycelia

When you execute "Self Clean Operation"

The spore of mold doesn't germinate.



Spore of mold

Applied models  
SRK-ZMX,  
SRK-ZR,  
SRK-ZM



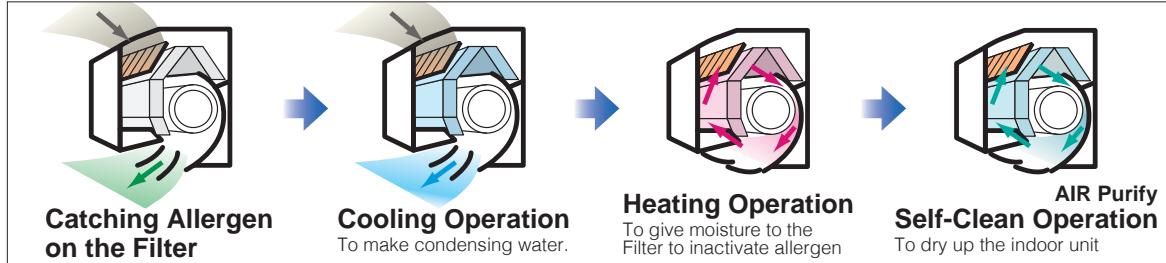
Push ALLERGEN Mode

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

## Allergen Clear System

"Allergen clear system" is equipped to suppress the influence of the allergen caught by the filter by controlling the temperature and humidity.

In case of Multi-split system, Allergen Clear System is not available.  
If [Allergen] button is pushed by mistake, the indoor unit will stop.



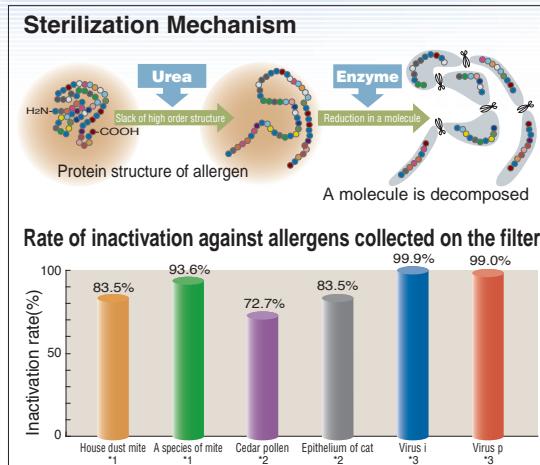
**This is the original and only technology to control the temperature and humidity for inactivating allergens**

## 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.



\*1 Test method:  
ELISA colorimetric method /  
ELISA fluorescent method  
Laboratory:  
Independent administrative agency national hospital mechanism Sagamihara Hospital, No.1536

\*2 Test method:  
ELISA colorimetric method  
Laboratory:  
Independent administrative agency national hospital mechanism Sagamihara Hospital, No.1536

\*3 Test method:  
TCID (Infection value 50%)  
Laboratory:  
Foundation of Kitazato Environmental Science Center, No.15-0145

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

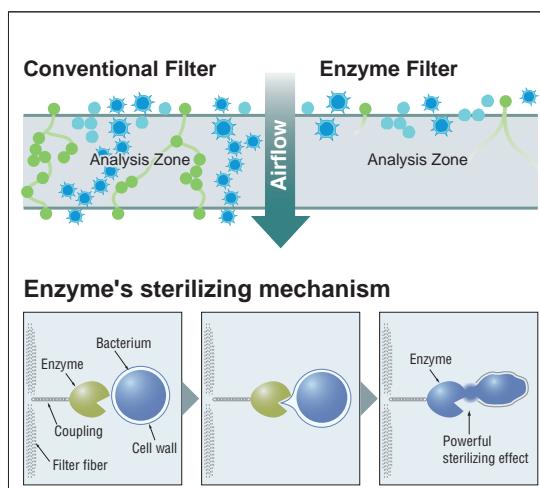
## Natural Enzyme Filter

**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.

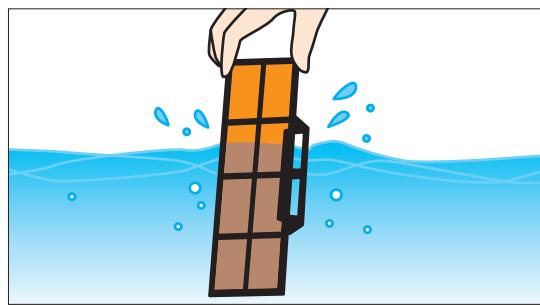


**The deodorizing ability of this filter can be easily restored simply by cleaning and exposing to the sunlight**

## 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.



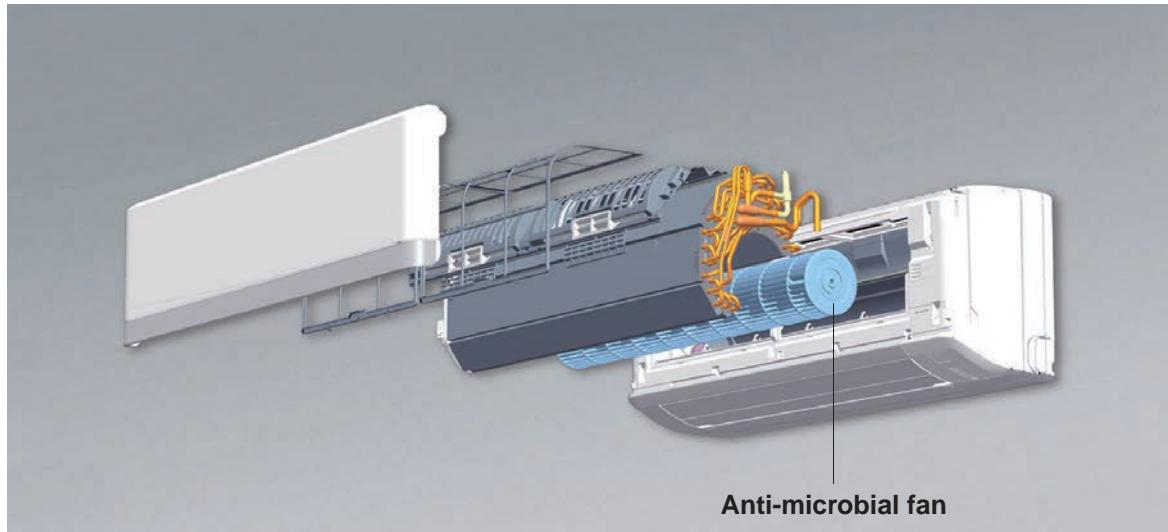
### Used in models

Filter	Indoor Unit	SRK-ZMX	SRK-ZR	SRK-ZM	SRK-ZMP	SRF-ZMX	SRK-HG	SRK-HE
Allergen Clear Filter	1pc	1pc	1pc	—	—	—	—	—
Natural Enzyme Filter	—	—	—	—	1pc	1pc	1pc	1pc
Photocatalytic Washable Deodorizing Filter	1pc	1pc	1pc	—	1pc	1pc	1pc	1pc

Applied models  
All SRK

## **Anti-microbial specifications and design will deliver cleanliness and safety**

### **Anti-microbial Fan**



The 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)**

- 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.



Aspergillus niger IFO 6341

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

Applied models  
SRK-ZMX,  
SRK-ZR,  
SRK-ZM,  
SRF-ZMX

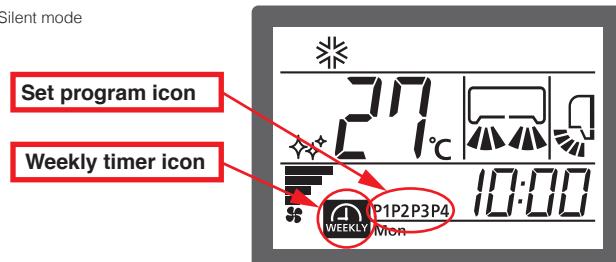
### **Weekly Timer Operation**

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

Once set, the timer operation will repeat the same program every week unless otherwise canceled.

Available operation setting with weekly timer

- Operation mode (Auto, cooling, heating, dry, fan)
- Temp. setting
- Air flow volume, direction
- ECONO, Night Setback, Silent mode



Weekly timer can be set by use of these buttons.

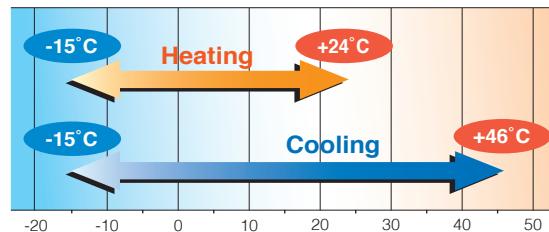
• Applied models  
All inverter models

## Wide Operation Range

**Heating and cooling operations are possible at an outdoor temperature as low as  $-15^{\circ}\text{C}$ .**

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  $-15^{\circ}\text{C}$ .

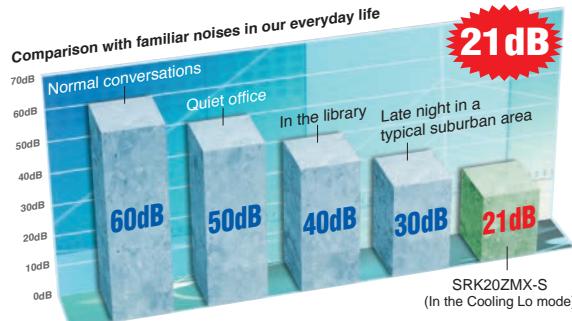


\* For the capacities under low temperature conditions, refer to technical manual.

## Hi quality air long reach & silent flow Quiet Operation (indoor)

**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.



• Applied models  
SRK-ZMX, SRK-ZR,  
SRK-ZM, SRF-ZMX,  
SRR-ZM

## Silent Operation (outdoor)

When Silent operation is set, the maximum pressure level of the outdoor unit will be 3dB(A) lower than standard nominal level (45dB(A) or less).

The compressor speed is set at a lower range than that of nominal operation, operating at 60% of nominal capacity.

Maximum fan speed of outdoor unit is set lower than nominal operation.

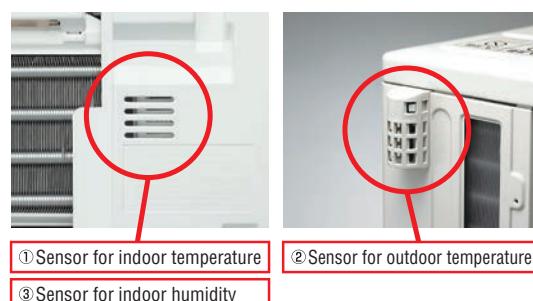


• Applied models  
①② All SRK, SRF, SRR,  
FDTC  
③ SRK50/60ZMX,  
SRK35~50ZM,  
SRK63~80ZR,  
SRK35/45ZMP,  
SFR-ZMX, SRR-ZM

## 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.

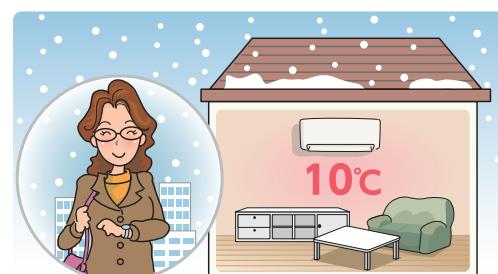


• Applied models  
SRK-ZMX, SRK-ZR,  
SRK-ZM, SRF-ZMX,  
SRR-ZM

## Night Setback Operation

During cold seasons, room temperatures can be maintained at a comfortable level even while the room is unattended.

The air conditioner keeps the temperature at  $10^{\circ}\text{C}$ .



# Product Line Up

Model		Capacity Range (kW : Rated cooling capacity)											page	
		2.0	2.5	2.8	3.5	4.0	4.5	5.0	5.6	6.0	6.3	7.1	8.0	
HEAT PUMP DC INVERTER	SRK-ZMX *2  	 ++ 20ZMX-S	 ++ 25ZMX-S		 ++ 35ZMX-S			 ++ 50ZMX-S		 + 60ZMX-S				
	SRK-ZR *2  											 ++ 63ZR-S	 ++ 71ZR-S	 ++ 80ZR-S
	SRK-ZM *2  	 ++ 20ZM-S	 ++ 25ZM-S		 ++ 35ZM-S			 ++ 50ZM-S						
	SRK-ZMP  		 ++ 25ZMP-S		 ++ 35ZMP-S		 ++ 45ZMP-S							
HEAT PUMP CONSTANT SPEED	SRK-HG *1 	 20HG-S		 28HG-S		 40HG-S								
	SRK-HE *1 								 50HE-S1	 56HE-S1	 63HE-S1	 71HE-S1		
HEAT PUMP DC INVERTER	SRF-ZMX *2 		 ++ 25ZMX-S		 ++ 35ZMX-S			 + 50ZMX-S						
	SRR-ZM *2 		 ++ 25ZM-S		 ++ 35ZM-S									
	FDTA-VF *2 <small>Fits into standard 600 x 600 ceiling</small> 		 + 25VF		 ++ 35VF	 ++ 40VF		 + 50VF		 + 60VF				

Model		2.0	2.5	3.5	4.0	4.5	5.0	6.0	7.1	8.0	100	125	page
		20ZMX-S	25ZMX-S	35ZMX-S			50ZMX-S	60ZMX-S					
INVERTER Free-Multi	SRK-ZMX *2  	 20ZMX-S	 25ZMX-S	 35ZMX-S			 50ZMX-S	 60ZMX-S					26
	SRK-ZR *2  								 71ZR-S				26
	SRK-ZM *2  	 20ZM-S	 25ZM-S	 35ZM-S			 50ZM-S						27
	SRF-ZMX *2 		 25ZMX-S	 35ZMX-S			 50ZMX-S						27
	SRR-ZM *2 		 25ZM-S	 35ZM-S			 50ZM-S	 60ZM-S					28
	FDTA-VF *2 <small>Fits into standard 600 x 600 ceiling</small> 		 25VF	 35VF			 50VF	 60VF					28
	FDUM-VF 						 50VF						29
	FDEN-VF 						 50VF						29
OUTDOOR UNIT SCM *3					 + 40ZM-S	 + 45ZM-S	 ++ 50ZM-S	 ++ 60ZM-S					25
									 ++ 71ZM-S	 ++ 80ZM-S			25
											 + 100ZM-S	 *4 125ZM-S	

\*1 Not available in EU/EEA

\*2 Common to the both cases

\*3 Energy class is changed with combination of indoor units.

\*4 Energy label applies below cooling capacity 12kW.

## Clean Operation / Filter



### Allergen Clear System

The system is equipped to suppress the influence of the allergen caught by the filter by controlled the temperature and humidity.



### Self Clean Operation

The operation is operated for 2 hours after the unit has stopped its normal operation. The indoor unit is dried up and growth of mold is restrained.



### 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.



### COOLING & DRY

Horizontal blowing



### HEATING

Slant forward blowing



### 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.



### Air Scroll

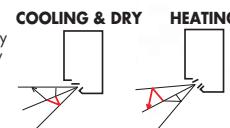
The swing of the flap causes the air flow to spiral as it reaches the floor, and breeze reaches all of a room.



Red line : moves quickly



Black line : moves slowly



### 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.



### Up/Down Flap Swing

Flap moves up and down continuously. The Up/Down flap swing can be fixed at the preferred operation angle.



### Right/Left Louver swing

Louver moves right and left continuously. The Right/Left louver swing can be fixed at the preferred operation angle.



### Air Outlet Selection

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

## Convenience & Economy Functions



### Weekly timer

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



### 24-hour On/Off Programmable Timer

By combining a start timer with a stop timer, you can register two timer operations a day. Once set, timers will faithfully start or stop the system at a specified time of the day repeatedly.



### 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.



### Off Timer

The unit stops automatically at the set time.



### Dry Operation

The unit dehumidifies the room by intermittent cooling operation.



### Economy Mode

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



### 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.



### Silent operation

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



### Night setback

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

## Maintenance & Prevention Functions



### Microcomputer-Operated Defrosting

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



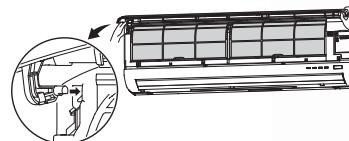
### Self-Diagnostic Function

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 and then pull it to this side.



### 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.

## 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.

# INVERTER HEAT PUMP MODEL



# SRK-ZMX

Wall Mounted type



SRK20ZMX-S, SRK25ZMX-S, SRK35ZMX-S  
SRK50ZMX-S, SRK60ZMX-S



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



SRK50/60ZMX can be selected for use as indoor units in the combination with V Multi system outdoor unit. Refer to our Inverter Packaged Air-Conditioners brochure for details.



Standard equipment



SRC20ZMX-S, SRC25ZMX-S, SRC35ZMX-S



SRK50ZMX-S, SRC60ZMX-S

## FUNCTION



Comfortable Functions



Comfortable Air Flow Functions



Convenient & Economy Functions



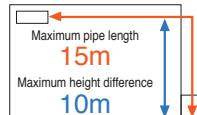
Maintenance & Prevention Functions



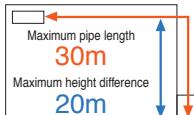
Others



## Refrigerant pipe length



SRK20ZMX-S  
SRK25ZMX-S  
SRK35ZMX-S



SRK50ZMX-S  
SRK60ZMX-S

## SPECIFICATIONS

			SRK20ZMX-S SRC20ZMX-S	SRK25ZMX-S SRC25ZMX-S	SRK35ZMX-S SRC35ZMX-S	SRK50ZMX-S SRC50ZMX-S	SRK60ZMX-S SRC60ZMX-S	
Power source								
Nominal cooling capacity (Min~Max)	kW	2.0 (0.9~3.1)	2.55 (0.9~3.2)	3.5 (0.9~4.1)	5.0 (1.1~5.8)	6.1 (1.1~6.8)		
Nominal heating capacity (Min~Max)	kW	2.5 (0.9~4.3)	3.13 (0.9~4.7)	4.3 (0.9~5.1)	6.0 (0.6~7.7)	6.8 (0.6~8.2)		
Power consumption	Cooling/Heating	0.35 / 0.45	0.49 / 0.595	0.845 / 0.96	1.30 / 1.36	1.87 / 1.67		
EER/COP	Cooling/Heating	5.71 / 5.56	5.20 / 5.26	4.14 / 4.48	3.85 / 4.41	3.26 / 4.07		
Inrush current	220/230/240 V	A	2.4 / 2.3 / 2.2	3.1 / 2.9 / 2.8	4.6 / 4.4 / 4.2	6.2 / 6.0 / 5.7	8.6 / 8.2 / 7.9	
Max. running current			8	8	8	15	15	
* Sound power level	Indoor	Cooling/Heating	53 / 54	55 / 58	58 / 59	60 / 64	64 / 64	
	Outdoor	Cooling/Heating	60 / 59	60 / 60	63 / 62	63 / 63	65 / 64	
* Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)	39 / 30 / 24 / 21	41 / 31 / 25 / 22	43 / 33 / 25 / 22	47 / 40 / 27 / 25	51 / 41 / 29 / 25	
	Indoor	Heating (Hi/Me/Lo/Ulo)	38 / 33 / 25 / 21	41 / 34 / 27 / 21	42 / 35 / 27 / 22	48 / 40 / 33 / 26	48 / 41 / 34 / 27	
	Outdoor	Cooling/Heating	47 / 47	47 / 47	50 / 50	54 / 50	54 / 54	
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	11.5 / 8.0 / 6.3 / 5.0	12.5 / 9.0 / 6.3 / 5.0	13.5 / 9.5 / 6.5 / 5.0	13.5 / 11.0 / 8.0 / 7.0	14.5 / 12.5 / 8.5 / 7.0	
	Indoor	Heating (Hi/Me/Lo/Ulo)	12.0 / 9.5 / 7.0 / 6.3	13.0 / 10.0 / 7.5 / 6.3	14.0 / 11.0 / 8.0 / 6.5	17.0 / 14.5 / 10.5 / 8.0	17.5 / 15.0 / 11.0 / 8.5	
	Outdoor	Cooling/Heating	29.5 / 27.0	29.5 / 27.0	32.5 / 29.5	39.0 / 33.0	41.5 / 39.0	
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	309 x 890 x 220				
	Outdoor			595 x 780(+62) x 290				
Net weight	Indoor / Outdoor		kg	13.5 / 35				
Ref.piping size	Liquid/Gas		Ømm	6.35(1/4") / 9.52(3/8")				
Refrigerant line (one way) length			m	Max.15				
Vertical height differences	Outdoor is higher/lower		m	Max.10 / Max.10				
Outdoor operating temperature range	Cooling		°C	-15~46				
	Heating			-15~24				
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 an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

# INVERTER HEAT PUMP MODEL



# SRK-ZR

Wall Mounted type



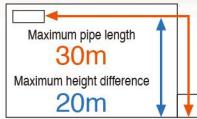
**NEW**

SRK63ZR-S, SRK71ZR-S, SRK80ZR-S



SRK71ZR-S can be selected for use as indoor units in the combination with SCM Multi system outdoor unit.

## Refrigerant pipe length



SRK63ZR-S  
SRK71ZR-S  
SRK80ZR-S



Standard equipment



SRC63ZR-S



SRC71ZR-S, SRC80ZR-S

## FUNCTION



## Convenient & Economy Functions



## Others



## SPECIFICATIONS

Indoor unit		SRK63ZR-S		SRK71ZR-S		SRK80ZR-S	
Outdoor unit		SRC63ZR-S		SRC71ZR-S		SRC80ZR-S	
Power source							
Nominal cooling capacity (Min~Max)	kW	6.3 (1.2~7.1)		7.1 (2.3~7.7)		8.0 (2.3~9.0)	
Nominal heating capacity (Min~Max)	kW	7.1 (0.8~9.0)		8.0 (2.0~10.0)		9.0 (2.1~10.5)	
Power consumption	Cooling/Heating	1.85 / 1.74		2.05 / 2.06		2.35 / 2.40	
EER/COP	Cooling/Heating	3.41 / 4.08		3.46 / 3.88		3.40 / 3.75	
Inrush current	220/230/240 V	A	8.5 / 8.1 / 7.8	9.6 / 9.1 / 8.8	11.1 / 10.6 / 10.2		
Max. running current			14.5	17	17		
* Sound power level	Indoor	Cooling/Heating	58 / 58	58 / 60	62 / 62		
	Outdoor	Cooling/Heating	67 / 66	65 / 63	68 / 67		
* Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)	44 / 39 / 35 / 25	44 / 41 / 37 / 25	47 / 44 / 39 / 26		
	Heating (Hi/Me/Lo/Ulo)		44 / 38 / 34 / 28	46 / 39 / 35 / 28	47 / 41 / 36 / 29		
	Outdoor	Cooling/Heating	54 / 54	53 / 51	56 / 55		
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	20.5 / 18.1 / 15.7 / 10.4	20.5 / 18.6 / 16.2 / 10.4	23.5 / 20.2 / 17.5 / 10.4		
	Heating (Hi/Me/Lo/Ulo)		23.5 / 19.0 / 16.5 / 13.1	25.5 / 19.8 / 17.3 / 13.3	26.5 / 21.3 / 18.4 / 13.5		
	Outdoor	Cooling/Heating	41.5 / 41.5	55 / 43.5	63 / 49.5		
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	339 x 1197 x 262			
	Outdoor			640 x 800(+71) x 290	750 x 880(+88) x 340		
Net weight	Indoor / Outdoor	kg	15.5 / 45	15.5 / 57	16.5 / 58.5		
Ref.piping size	Liquid/Gas	Ø mm	6.35(1/4") / 12.7(1/2")	Max.30	6.35(1/4") / 15.88(5/8")		
Refrigerant line (one way) length	m			Max.20	Max.20 / Max.20		
Vertical height differences	Outdoor is higher/lower	m		-15~46			
Outdoor operating temperature range	Cooling	°C		-15~24			
	Heating						
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 an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

# INVERTER HEAT PUMP MODEL



# SRK-ZM

Wall Mounted type

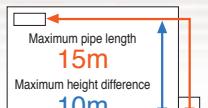


SRK20ZM-S, SRK25ZM-S  
SRK35ZM-S, SRK50ZM-S

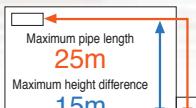


All SRK-ZM series can be selected for use as indoor units in the combination with SCM Multi system outdoor unit.

## Refrigerant pipe length



SRK20ZM-S, SRK25ZM-S  
SRK35ZM-S



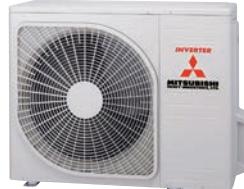
SRK50ZM-S



Standard equipment



SRC20ZM-S, SRC25ZM-S  
SRC35ZM-S



SRC50ZM-S

## FUNCTION



Comfortable Functions  
**Fuzzy** **Auto** **HI POWER**

Comfortable Air Flow Functions  
**3D Auto** **AutoFlap** **Memory** **UP/DOWN** **Lateral Swing** **Positioning of installation**

## Convenient & Economy Functions



## Maintenance & Prevention Functions



## Others



## SPECIFICATIONS

Indoor unit		SRK20ZM-S	SRK25ZM-S	SRK35ZM-S	SRK50ZM-S				
Outdoor unit		SRC20ZM-S	SRC25ZM-S	SRC35ZM-S	SRC50ZM-S				
Power source									
Nominal cooling capacity (Min~Max)	kW	2.0(1.0~2.7)	2.5(1.0~2.9)	3.5(1.0~3.8)	5.0(1.6~5.5)				
Nominal heating capacity (Min~Max)	kW	2.7(1.2~3.9)	3.2(1.2~4.2)	4.0(1.3~4.8)	5.8(1.6~6.6)				
Power consumption	Cooling/Heating	0.44 / 0.62	0.62 / 0.80	1.01 / 1.00	1.55 / 1.59				
EER/COP	Cooling/Heating	4.55 / 4.35	4.03 / 4.00	3.47 / 4.00	3.23 / 3.65				
Inrush current	220/230/240 V	A 3.2 / 3.1 / 3.0	4.0 / 3.8 / 3.7	4.9 / 4.7 / 4.5	7.3 / 7.0 / 6.7				
Max. running current		9	9	9	14				
* Sound power level	Indoor	Cooling/Heating 49 / 52	Cooling/Heating 59 / 58	Cooling/Heating 34 / 28 / 24 / 21	Cooling/Heating 60 / 61	Cooling/Heating 42 / 32 / 26 / 22	Cooling/Heating 62 / 63	Cooling/Heating 46 / 37 / 28 / 25	Cooling/Heating 61 / 63
* Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo) 33 / 27 / 24 / 21	Heating (Hi/Me/Lo/Ulo) 36 / 31 / 24 / 21	Cooling (Hi/Me/Lo/Ulo) 39 / 31 / 24 / 21	Heating (Hi/Me/Lo/Ulo) 43 / 37 / 25 / 22	Cooling (Hi/Me/Lo/Ulo) 47 / 46	Heating (Hi/Me/Lo/Ulo) 48 / 49	Cooling (Hi/Me/Lo/Ulo) 50 / 51	Heating (Hi/Me/Lo/Ulo) 51 / 53
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo) 7.8 / 5.6 / 5.3 / 4.8	Heating (Hi/Me/Lo/Ulo) 9.8 / 6.3 / 5.0 / 4.5	Cooling (Hi/Me/Lo/Ulo) 7.9 / 6.0 / 5.3 / 5.0	Heating (Hi/Me/Lo/Ulo) 10.6 / 6.5 / 5.1 / 4.6	Cooling (Hi/Me/Lo/Ulo) 10.1 / 6.4 / 5.4 / 5.0	Heating (Hi/Me/Lo/Ulo) 12.8 / 9.4 / 6.1 / 4.8	Cooling (Hi/Me/Lo/Ulo) 11.3 / 7.8 / 6.0 / 5.3	Heating (Hi/Me/Lo/Ulo) 13.5 / 10.2 / 7.5 / 6.2
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	294 x 798 x 229					
Net weight	Indoor / Outdoor	kg		540 x 780(+62) x 290			640 x 800(+71) x 290		
Ref.piping size	Liquid/Gas	ø mm		6.35(1/4") / 9.52(3/8")			6.35(1/4") / 12.7(1/2")		
Refrigerant line (one way) length		m		Max. 15			Max. 25		
Vertical height differences	Outdoor is higher/lower	m		Max. 10 / Max. 10			Max. 15 / Max. 15		
Outdoor operating temperature range	Cooling	°C		-15~46					
	Heating			-15~24					
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 an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

# INVERTER HEAT PUMP MODEL



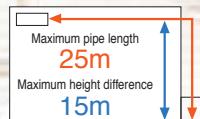
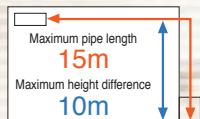
# SRK-ZMP

Wall Mounted type



SRK25ZMP-S, SRK35ZMP-S  
SRK45ZMP-S

## Refrigerant pipe length



Standard equipment



SRK25ZMP-S  
SRC35ZMP-S



SRK45ZMP-S

## FUNCTION



Comfortable Air Flow Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



## SPECIFICATIONS

Indoor unit		SRK25ZMP-S		SRK35ZMP-S		SRK45ZMP-S	
Outdoor unit		SRC25ZMP-S		SRC35ZMP-S		SRC45ZMP-S	
Power source							
Nominal cooling capacity (Min~Max)	kW	2.5(0.9~2.8)		3.2(0.9~3.5)		4.5(0.9~4.8)	
Nominal heating capacity (Min~Max)	kW	2.8(0.8~3.9)		3.6(0.9~4.3)		5.0(0.8~5.8)	
Power consumption	Cooling/Heating	0.78 / 0.755		0.995 / 0.995		1.495 / 1.385	
EER/COP	Cooling/Heating	3.21/3.71		3.22 / 3.62		3.01 / 3.61	
Inrush current	220/230/240 V	A	3.9 / 3.8 / 3.6	4.9 / 4.7 / 4.5	7.0 / 6.7 / 6.4		
Max. running current			9	9	14		
* Sound power level	Indoor	Cooling/Heating	59 / 58	60 / 58	60 / 64		
	Outdoor	Cooling/Heating	60 / 59	60 / 60	65 / 65		
* Sound pressure level	Indoor	Cooling (Hi/Me/Lo)	45 / 34 / 23	47 / 36 / 23	46 / 40 / 25		
	Heating (Hi/Me/Lo)	43 / 34 / 26	44 / 36 / 28	48 / 43 / 32			
	Outdoor	Cooling/Heating	47 / 45	49 / 48	52 / 53		
Air flow	Indoor	Cooling (Hi/Me/Lo)	10.1 / 7.3 / 4.2	9.5 / 6.8 / 4.2	9.0 / 7.2 / 3.8		
	Heating (Hi/Me/Lo)	9.5 / 7.3 / 5.2	9.6 / 7.4 / 5.5	12.0 / 9.2 / 6.2			
	Outdoor	Cooling/Heating	26.0 / 19.7	25.4 / 20.5	35.5 / 33.5		
Exterior dimensions	Indoor	HeightxWidthxDepth		262 x 769 x 210			
	Outdoor	HeightxWidthxDepth		540 x 645(+57) x 275			
Net weight	Indoor / Outdoor	kg	6.9 / 25	7.2 / 27	7.6 / 40		
Ref.piping size	Liquid/Gas	ø mm	6.35(1/4") / 9.52(3/8")		6.35(1/4") / 12.7(1/2")		
Refrigerant line (one way) length		m	Max. 15		Max. 25		
Vertical height differences	Outdoor is higher/lower	m	Max. 10 / Max. 10		Max. 15 / Max. 15		
Outdoor operating temperature range	Cooling	°C	-15~46				
	Heating		-15~24				
Clean filter			-				

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

Wall Mounted type



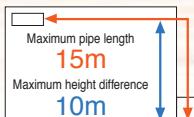
\* Not available in EU/EEA



SRK20HG-S, SRK28HG-S, SRK40HG-S



## Refrigerant pipe length



SRK20HG-S  
SRK28HG-S  
SRK40HG-S



Standard equipment



SRC20HG-S, SRC28HG-S,  
SRC40HG-S

## FUNCTION



Comfortable Air Flow Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



## SPECIFICATIONS

			SRK20HG-S SRC20HG-S	SRK28HG-S SRC28HG-S	SRK40HG-S SRC40HG-S
Indoor unit			1 Phase, 220 - 240V, 50Hz		
Outdoor unit					
Power source					
Nominal cooling capacity (Min~Max)	kW	2.07	2.6	3.6	
Nominal heating capacity (Min~Max)	kW	2.22	2.8	3.92	
Power consumption	Cooling/Heating	0.64 / 0.61	0.81 / 0.77	1.12 / 1.15	
EER/COP	Cooling/Heating	3.23 / 3.64	3.21 / 3.64	3.21 / 3.41	
Inrush current	220/230/240 V	A	18.9	17.2	25.2
* Sound power level	Indoor	Cooling/Heating	52 / 52	55 / 56	56 / 57
	Outdoor	Cooling/Heating	60 / 60	60 / 60	63 / 66
* Sound pressure level	Indoor	Cooling (Hi/Med/Low)	34 / 30 / 27	39 / 33 / 30	40 / 38 / 34
	Indoor	Heating (Hi/Med/Low)	34 / 31 / 27	40 / 33 / 29	40 / 38 / 34
	Outdoor	Cooling/Heating	46 / 46	46 / 46	49 / 52
Air flow	Indoor	Cooling (Hi/Med/Low)	7.5	8.5	9.0
	Indoor	Heating (Hi/Med/Low)	7.5	10.0	10.0
	Outdoor	Cooling/Heating	27.0 / 27.0	29.0 / 29.0	32.0 / 32.0
Exterior dimensions	Indoor	Height x Width x Depth	mm	268 x 790 x 199	
	Outdoor			540 x 780 (+62) x 290	
Net weight	Indoor / Outdoor		kg	8.5 / 29	8.5 / 31
Ref. piping size	Liquid/Gas		Ø mm	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.7(1/2")
Refrigerant line (one way) length			m		Max. 15
Vertical height differences	Outdoor is higher/lower		m		Max. 10 / Max. 10
Outdoor operating temperature range	Cooling		°C		21~43
	Heating				-5~21
Clean filter				Natural Enzyme 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 an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

# CONSTANT SPEED HEAT PUMP MODEL

# SRK-HE

Wall Mounted type



\* Not available in EU/EEA



SRK50HE-S1, SRK56HE-S1



Standard equipment

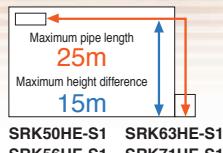


SRK63HE-S1, SRK71HE-S1



Standard equipment

## Refrigerant pipe length



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



SRK50HE-S1, SRC56HE-S1,  
SRC63HE-S1



SRK71HE-S1

## FUNCTION



Comfortable Functions



SRK63/71HE-S1

Comfortable Air Flow Functions

Convenient & Economy Functions



Maintenance & Prevention Functions

Others



SRK63/71HE-S1

Luminous

## SPECIFICATIONS

Indoor unit		SRK50HE-S1		SRK56HE-S1		SRK63HE-S1		SRK71HE-S1		
Outdoor unit		SRC50HE-S1		SRC56HE-S1		SRC63HE-S1		SRC71HE-S1		
Power source										
Nominal cooling capacity (Min~Max)	kW	4.7		5.1		6.3		7.1		
Nominal heating capacity (Min~Max)	kW	5.3		5.8		6.7		7.5		
Power consumption	Cooling/Heating	1.41 / 1.40		1.59 / 1.58		2.19 / 1.85		2.21 / 2.07		
EER/COP	Cooling/Heating	3.33 / 3.79		3.21 / 3.67		2.88 / 3.62		3.21 / 3.62		
Inrush current	220/230/240 V	A	39.6	45.2		53		49		
* Sound power level	Indoor	Cooling/Heating	dB(A)	58 / 61	59 / 61	59 / 60		57 / 60		
	Outdoor	Cooling/Heating		63 / 64	64 / 65	65 / 65		69 / 70		
* Sound pressure level	Indoor	Cooling (Hi/Me/Lo)		43 / 39 / 34	44 / 40 / 35	44 / 40 / 37		45 / 41 / 38		
	Indoor	Heating (Hi/Me/Lo)		44 / 39 / 35	44 / 39 / 35	45 / 41 / 37		46 / 41 / 38		
	Outdoor	Cooling/Heating		47 / 49	49 / 51	49 / 49		54 / 55		
Air flow	Indoor	Cooling (Hi/Me/Lo)	m³/min	10.0	11.0	18.0		19.0		
	Indoor	Heating (Hi/Me/Lo)		12.5	12.5	20.5		21.0		
	Outdoor	Cooling/Heating		38.0 / 38.0	38.0 / 38.0	42.0 / 42.0		60.0 / 60.0		
Exterior dimensions	Indoor	HeightxWidthxDepth		298 x 840 x 259		318 x 1098 x 248				
	Outdoor			640 x 850(+65) x 290		750 x 880(+88) x 340				
Net weight	Indoor / Outdoor	kg	12 / 44	12 / 44	15 / 47	15 / 68				
Ref.piping size	Liquid/Gas	ø mm		6.35(1/4") / 12.7(1/2")		6.35(1/4") / 15.88(5/8")				
Refrigerant line (one way) length		m			Max. 25					
Vertical height differences	Outdoor is higher/lower	m			Max. 15 / Max. 15					
Outdoor operating temperature range	Cooling	°C			21~43					
	Heating				-5~21					
Clean filter				Natural Enzyme 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 an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

# INVERTER HEAT PUMP MODEL

# SRF-ZMX

Floor Standing type



Standard equipment



SRC25ZMX-S, SRC35ZMX-S



SRC50ZMX-S



SRF25ZMX-S, SRF35ZMX-S, SRF50ZMX-S



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

## The highest SEER/SCOP level in the industry

Our experience, research and development efforts with the floor standing series have realized the highest SEER/SCOP level in the industry. Indoor units are totally new design with optimum balance of air outlet direction and sufficient air flow volume.

### FUNCTION



### Convenient & Economy Functions



### Maintenance & Prevention Functions



### SPECIFICATIONS

		<b>SRF25ZMX-S</b>	<b>SRF35ZMX-S</b>	<b>SRF50ZMX-S</b>
		<b>SRC25ZMX-S</b>	<b>SRC35ZMX-S</b>	<b>SRF50ZMX-S</b>
1 Phase, 220 - 240V, 50Hz				
Nominal cooling capacity (Min~Max)	kW	2.5 (0.9~3.2)	3.5 (0.9~4.1)	5.0 (1.1~5.2)
Nominal heating capacity (Min~Max)	kW	3.4 (0.9~4.7)	4.5 (0.9~5.1)	6.0 (0.6~6.9)
Power consumption	Cooling/Heating	0.521 / 0.723	0.890 / 1.124	1.390 / 1.540
EER/COP	Cooling/Heating	4.80 / 4.70	3.93 / 4.00	3.60 / 3.90
Inrush current	220/230/240 V	A 3.6 / 3.4 / 3.3	A 5.2 / 4.9 / 4.7	A 7.1 / 6.8 / 6.5
Max. running current		8	8	15
* Sound power level	Indoor	Cooling/Heating 51 / 51	Cooling/Heating 52 / 52	Cooling/Heating 58 / 58
	Outdoor	Cooling/Heating 60 / 60	Cooling/Heating 63 / 62	Cooling/Heating 63 / 62
* Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo) 40 / 32 / 29 / 26	Cooling (Hi/Me/Lo/Ulo) 41 / 34 / 32 / 28	Cooling (Hi/Me/Lo/Ulo) 46 / 42 / 35 / 32
	Outdoor	Heating (Hi/Me/Lo/Ulo) 40 / 35 / 33 / 28	Heating (Hi/Me/Lo/Ulo) 41 / 36 / 35 / 31	Heating (Hi/Me/Lo/Ulo) 47 / 41 / 39 / 33
	Cooling/Heating	47 / 47	50 / 50	52 / 51
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo) 9.0 / 7.6 / 6.7 / 5.8	Cooling (Hi/Me/Lo/Ulo) 10.5 / 8.2 / 7.7 / 6.6	Cooling (Hi/Me/Lo/Ulo) 10.7 / 8.3 / 8.1 / 7.4
	Outdoor	Cooling/Heating 29.5 / 27.0	Cooling/Heating 32.5 / 29.5	Cooling/Heating 39.0 / 33.0
External dimensions	Indoor		600 x 860 x 238	
	Outdoor	Height x Width x Depth 595 x 780 (+62) x 290		640 x 800 (+71) x 290
Net weight	Indoor / Outdoor	kg 18 / 35	kg 19 / 35	kg 19 / 45
Ref.piping size	Liquid/Gas	ø mm 6.35(1/4") / 9.52(3/8")		ø mm 6.35(1/4") / 12.7(1/2")
Refrigerant line (one way) length		m Max. 15		m Max. 30
Vertical height differences	Outdoor is higher/lower	m Max. 10 / Max. 10		m Max. 20 / Max. 20
Outdoor operating temperature range	Cooling		-15~46	
	Heating		-15~24	
Clean filter		Natural Enzyme 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 an 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 SRF25ZMX-S in the cooling lo 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.

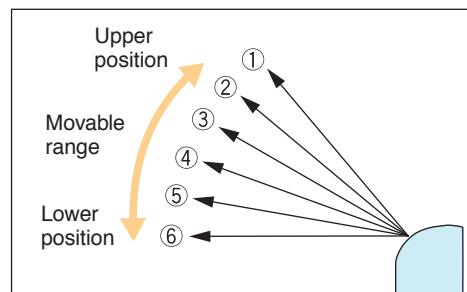
In case both outlets operation with Auto fan speed mode is selected, the upper outlet will be kept for ten minutes after the start or until room temperature is close to reaching the setting point. And then the air outlet will change to both outlets in order to spread comfort air to every corner.



# Flap control system

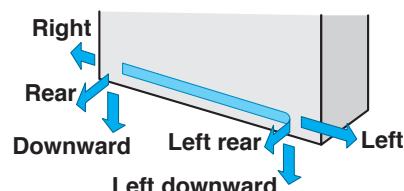
Selection of position is possible. A flap can be set at different angles.

\*RCH-E3 is not applicable to the Flap control system.



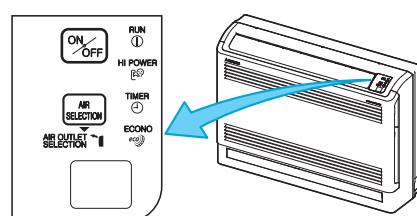
# Installation workability

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.



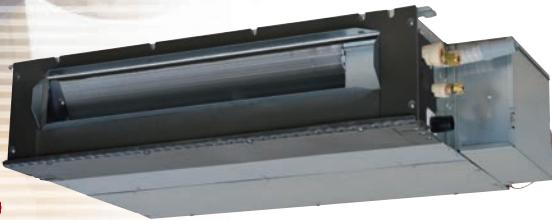
# INVERTER HEAT PUMP MODEL

# SRR-ZM

Ceiling Concealed type



**NEW**



SRR25ZM-S, SRR35ZM-S



Standard equipment



SRR25/35ZM can be selected for use as indoor units in the combination with SCM Multi system outdoor unit.

## Thin design

Height : 230 → 200mm



Current Model

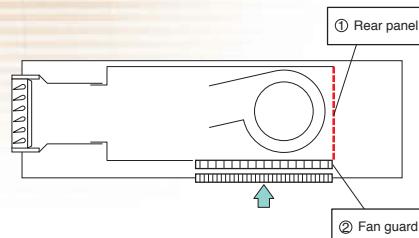
New Model



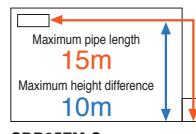
SRC25ZMX-S, SRC35ZMX-S

### OPTION

Item	Contents	Option No.
Bottom air inlet kit	①+②	UT-BAT1EF



### Refrigerant pipe length



SRR25ZM-S  
SRR35ZM-S

### FUNCTION



Comfortable Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



### SPECIFICATIONS

Indoor unit		SRR25ZM-S SRC25ZMX-S		SRR35ZM-S SRC35ZMX-S	
Outdoor unit		1 Phase, 220 - 240V, 50Hz			
Power source					
Nominal cooling capacity (Min~Max)		kW		2.5 (1.0 ~ 3.3)	
Nominal heating capacity (Min~Max)		kW		3.4 (1.4 ~ 4.8)	
Power consumption		kW		0.570 / 0.750	
EER/COP		4.39 / 4.53		0.980 / 1.030	
Inrush current		220/230/240 V		3.9 / 3.7 / 3.6	
Max. running current		A		5.0 / 4.8 / 4.6	
Max. running current		8		8	
* Sound power level	Indoor	Cooling/Heating		56 / 59	
	Outdoor	Cooling/Heating		60 / 60	
* Sound pressure level	Indoor	dB(A)		37 / 33 / 30 / 24	
	Outdoor	Cooling/Heating		40 / 37 / 34 / 28	
		47 / 47		41 / 38 / 35 / 29	
Air flow	Indoor	m³/min		50 / 50	
	Heating (Hi/Me/Lo/Ulo)	9.5 / 8.0 / 6.5 / 4.5		10.0 / 8.5 / 7.0 / 5.0	
	Heating (Hi/Me/Lo/Ulo)	10.0 / 9.0 / 8.0 / 6.0		10.5 / 9.5 / 8.5 / 6.5	
	Outdoor	29.5 / 27.0		32.5 / 29.5	
Exterior dimensions	Indoor	HeightxWidthxDepth		200 x 750 x 500	
	Outdoor			595 x 780(+62) x 290	
Net weight	Indoor / Outdoor	kg		20.5 / 35	
Ref.piping size	Liquid/Gas	Ø mm		6.35(1/4") / 9.52(3/8")	
Refrigerant line (one way) length		m		Max. 15	
Vertical height differences	Outdoor is higher/lower	m		Max. 10 / Max.10	
Outdoor operating temperature range	Cooling	°C		-15~46	
	Heating			-15~21	
Air filter				Standard equipment	

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 HEAT PUMP MODEL

# FDTC-VF

4way Ceiling Cassette type



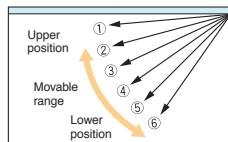
## Individual flap control system

According to room temperature conditions, four directions of air flow can be controlled by individual flap as preferred. Individual flap control is available even after installation.



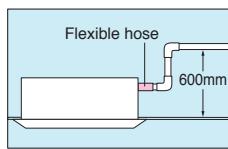
## Flap control system

Selection of flap position is possible. Individual flaps can be set at different angles.



## 600mm Drain Pump is mounted

Drain can be discharged upward by 600mm from the ceiling surface close to the indoor unit. It allows a piping layout with a high degree of freedom depending on the installation location.



FDTC25VF, FDTC35VF,  
FDTC40VF, FDTC50VF,  
FDTC60VF



All FDTC-VF series (except FDTC40VF) can be selected for use as indoor units in the combination with SCM Multi system outdoor unit.

Wired remote control (option)



Wireless remote control (option)

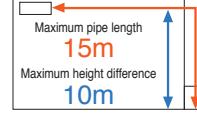


SRC25ZMX-S, SRC35ZMX-S

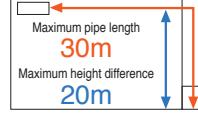


SRC40ZMX-S, SRC50ZMX-S,  
SRC60ZMX-S

Refrigerant pipe length



FDTC25VF, FDTC35VF



FDTC40VF, FDTC50VF  
FDTC60VF

## FUNCTION



## SPECIFICATIONS

Indoor unit		Power source	FDTC25VF	FDTC35VF	FDTC40VF	FDTC50VF	FDTC60VF
Outdoor unit			SRC25ZMX-S	SRC35ZMX-S	SRC40ZMX-S	SRC50ZMX-S	SRC60ZMX-S
Nominal cooling capacity (Min~Max)	kW	2.55 ( 0.9 ~ 3.2 )	3.6 ( 0.9 ~ 4.1 )	4.0 ( 1.1 ~ 4.7 )	5.0 ( 1.1 ~ 5.6 )	5.6 ( 1.1 ~ 6.3 )	
Nominal heating capacity (Min~Max)	kW	3.45 ( 0.9 ~ 4.7 )	4.25 ( 0.9 ~ 5.1 )	4.5 ( 0.6 ~ 5.4 )	5.4 ( 0.6 ~ 6.3 )	6.7 ( 0.6 ~ 6.7 )	
Power consumption	Cooling/Heating	0.6 / 0.84	1.07 / 1.16	1.04 / 1.10	1.56 / 1.45	1.99 / 2.07	
EER/COP	Cooling/Heating	4.25 / 4.11	3.36 / 3.66	3.85 / 4.09	3.21 / 3.72	2.81 / 3.24	
Inrush current	220/230/240 V	A	4.1 / 4.0 / 3.8	5.3 / 5.1 / 4.9	5.0	5.0	5.0
Max. running current			9	9	12	14	14
* Sound power level	Indoor	Cooling/Heating	56	58	60	60	60
	Outdoor	Cooling/Heating	56	58	63	63	64
* Sound pressure level	Indoor	Cooling (Hi/Me/Lo)	36 / 32 / 29	40 / 36 / 30	42 / 36 / 30	42 / 36 / 30	46 / 39 / 30
		Heating (Hi/Me/Lo)	38 / 33 / 29.5	42 / 35 / 32	42 / 36 / 32	42 / 36 / 32	46 / 39 / 32
	Outdoor	Cooling/Heating	47 / 47	50 / 50	50 / 50	54 / 50	54 / 54
Air flow	Indoor	Cooling (Hi/Me/Lo)	9 / 8 / 6.5	9.5 / 9 / 7	11.5 / 9 / 7	11.5 / 9 / 7	13.5 / 10 / 7
		Heating (Hi/Me/Lo)	9.5 / 8.5 / 7	10 / 9 / 8	11.5 / 9 / 8	11.5 / 9 / 8	13.5 / 10 / 8
	Outdoor	Cooling/Heating	29.5 / 27.0	32.5 / 29.5	36 / 33	40 / 33	41.5 / 39
Exterior dimensions	Indoor	HeightxWidthxDepth		Unit : 248 x 570 x 570 Panel : 35 x 700 x 700			
	Outdoor			595 x 780(+62) x 290      640 x 800(+71) x 290			
Net weight	Indoor / Outdoor	kg	18.5 (Unit : 15 Panel : 3.5) / 35		18.5 (Unit : 15 Panel : 3.5) / 45		
Ref.piping size	Liquid/Gas	Ø mm	6.35(1/4") / 9.52(3/8")		6.35(1/4") / 12.7(1/2")		
Refrigerant line (one way) length		m	Max. 15		Max. 30		
Vertical height differences	Outdoor is higher/lower	m	Max. 10 / Max. 10		Max. 20 / Max. 20		
Outdoor operating temperature range	Cooling	°C		-15~46			
	Heating			-15~21			
Clean filter				TC-PSA-25W-E			

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.

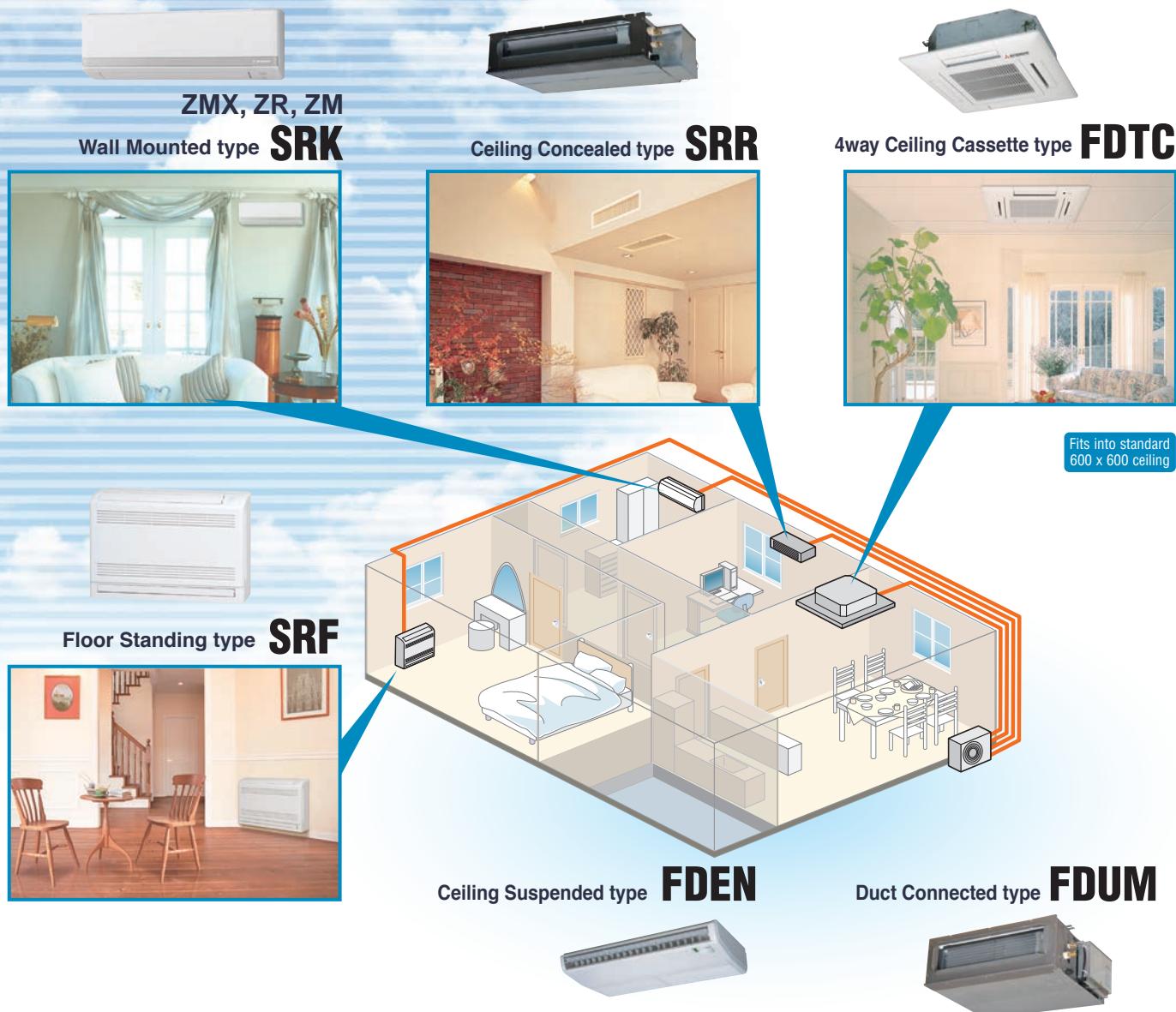
\* Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

\* Powerful-Hi can be selected. Sound level dB(A):25VF(Cooling:38 Heating:39), 35VF(Cooling:41 Heating:43), 40/50/60VF(Cooling:47 Heating:47), Airflow m³/min:25VF(Cooling:10 Heating:10.5), 35VF(Cooling:11 Heating:11.5), 40/50/60VF(Cooling:13.5 Heating:13.5)

# Inverter Multi-split System



The multi-split system allows a single outdoor unit to service a range of configurations of up to six indoor unit ---- from a lineup of 8 units ranging from 6.0kW to 19.5kW.



## OUTDOOR UNIT



SCM40ZM-S, SCM45ZM-S  
SCM50ZM-S, SCM60ZM-S



SCM71ZM-S, SCM80ZM-S



SCM100ZM-S, SCM125ZM-S

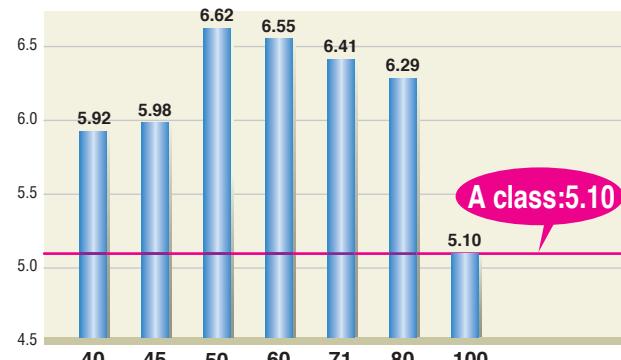
# The industry's highest SEER/SCOP levels

Our new models, SCM40~125ZM-S have achieved the highest level of SEER/SCOP in the industry with full model change to both of outdoor and indoor (SRK series) units.

Outdoor unit uses new advanced compressors with new inverter control (Vector control) and new M shape fin.

Indoor units SRK series are the latest series, which are common to both of single and multi system, using the new heat exchanger and improved air flow system.

## SEER in Cooling



## SCOP in Heating

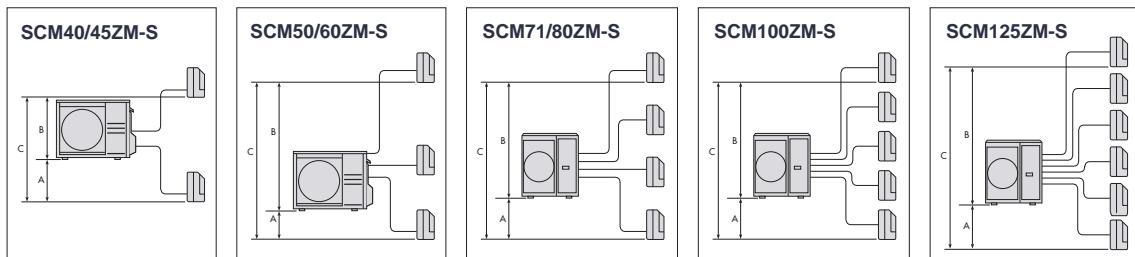


The above values are based on indoor unit combination with SRK-ZMX-S only. Please refer to page 62 for the details.

## PIPING LENGTH

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

	SCM40/45ZM-S	SCM50/60ZM-S	SCM71/80ZM-S	SCM100/125ZM-S
length for one indoor unit	under 25m	under 25m	under 25m	under 25m
total length for all rooms	under 30m	under 40m	under 70m	under 90m
height difference	lower installation spot of the indoor unit (A) upper installation spot of the indoor unit (B) maximum height difference of the indoor units (C)	under 15m under 15m under 25m	under 15m under 15m under 25m	under 20m under 20m under 25m
length of precharged refrigerant pipe	30m	40m	40m	50m



## SPECIFICATIONS

Item	Model	For two rooms		For three rooms		For four rooms		For five rooms		For six rooms							
		SCM40ZM-S	SCM45ZM-S	SCM50ZM-S	SCM60ZM-S	SCM71ZM-S	SCM80ZM-S	SCM100ZM-S	SCM125ZM-S								
Power Source		1Phase, 220 - 240V, 50Hz															
Nominal cooling capacity (Min~Max)	kW	4.0(1.8~5.9)	4.5(1.8~6.4)	5.0(1.8~7.1)	6.0(1.8~7.5)	7.1(1.8~8.8)	8.0(1.8~9.2)	10.0(1.8~12.0)	12.5(1.8~14.0)								
Nominal heating capacity (Min~Max)	kW	4.5(1.4~6.9)	5.6(1.4~7.4)	6.0(1.4~7.5)	6.8(1.5~7.8)	8.6(1.5~9.4)	9.3(1.5~9.8)	12.0(1.5~13.5)	13.5(1.5~14.0)								
Power Consumption	Cooling	0.84(0.49~1.90)	1.04(0.49~2.14)	1.08(0.50~2.15)	1.43(0.50~2.39)	1.74(0.48~2.75)	2.16(0.48~2.83)	2.86(0.65~4.03)	3.90(0.65~4.80)								
	Heating	0.90(0.47~2.30)	1.20(0.47~2.57)	1.31(0.48~2.58)	1.51(0.60~3.00)	2.00(0.60~3.35)	2.26(0.60~3.43)	2.93(0.70~3.40)	3.25(0.70~3.42)								
EER	Cooling	4.76	4.33	4.63	4.2	4.08	3.70	3.50	3.21								
COP	Heating	5.00	4.67	4.58	4.5	4.30	4.12	4.10	4.15								
Inrush current (Max)	A	4.1/4.0/3.8(14)	5.5/5.3/5.1(14)	6.0/5.8/5.5(15)	7.1/6.8/6.6(17)	9.2/8.8/8.4(20)	10.4/10.0/9.5(20)	13.3/12.8/12.2(29)	17.7/17.0/16.3(29)								
Sound power level *	Cooling	dB(A)	60	60	62	63	65	66	68	69							
	Heating	dB(A)	62	62	65	65	66	66	71	72							
Sound pressure level *	Cooling	dB(A)	47	47	49	50	52	54	56	57							
	Heating	dB(A)	48	49	52	52	54	54	59	60							
Air flow	Cooling	m³/min	40.0	40.0	41.0	42.0	56.0	56.0	75.0	75.0							
	Heating		40.0	40.0	41.0	42.0	56.0	56.0	75.0	82.0							
Exterior dimensions (HxWxD)	mm	640×850(+65)×290				750×880(+73)×340			945×970(+73)×370								
Net weight	kg	47	47	48	49	62			92								
Outdoor operating temperature range	°C	-15~43															
		-15~24															
Total indoor units capacity	kW	6.0	7.0	8.5	11.0	12.5	13.5	16.0	19.5								

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



### SRK-ZMX

Wall Mounted type



#### FUNCTION



#### Comfortable Functions



#### Convenient & Economy Functions



#### Maintenance & Prevention Functions



#### Others



#### SPECIFICATIONS

Item	Model	SRK20ZMX-S	SRK25ZMX-S	SRK35ZMX-S	SRK50ZMX-S	SRK60ZMX-S
Nominal cooling capacity	kW	2.0	2.5	3.5	5.0	6.0
Nominal heating capacity	kW	3.0	3.4	4.5	5.8	6.8
* Sound power level	Cooling Heating	dB(A) dB(A)	53 54	55 58	58 59	60 64
* Sound pressure level	Cooling(Hi/Me/Lo) Heating(Hi/Me/Lo)	dB(A) dB(A)	39 / 30 / 21 38 / 33 / 25	41 / 31 / 22 41 / 34 / 27	43 / 33 / 22 42 / 35 / 27	47 / 40 / 27 48 / 40 / 33
Air flow	Cooling(Hi/Me/Lo) Heating(Hi/Me/Lo)	m³/min	11.5 / 8.0 / 5.0 12.0 / 9.5 / 7.0	12.5 / 9.0 / 5.0 13.0 / 10.0 / 7.5	13.5 / 9.5 / 5.0 14.0 / 11.0 / 8.0	13.5 / 11.0 / 8.0 17.0 / 14.5 / 10.5
Exterior dimensions (H×W×D)	mm			309X890X220		
Net weight	kg			13.5		
Ref. piping size	Liquid / Gas	φ mm		6.35 (1/4") / 9.52 (3/8")		6.35(1/4") / 12.7(1/2")
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 an anechoic chamber.During operation these values are somewhat higher due to ambient conditions.



### SRK-ZR

Wall Mounted type

NEW



#### FUNCTION



#### Comfortable Functions



#### Convenient & Economy Functions



#### Maintenance & Prevention Functions



#### Others



#### SPECIFICATIONS

Item	Model	SRK71ZRS
Nominal cooling capacity	kW	7.1
Nominal heating capacity	kW	8.0
* Sound power level	Cooling Heating	dB(A) dB(A)
* Sound pressure level	Cooling(Hi/Me/Lo/Ulo) Heating(Hi/Me/Lo/Ulo)	dB(A) dB(A)
Air flow	Cooling(Hi/Me/Lo/Ulo) Heating(Hi/Me/Lo/Ulo)	m³/min
Exterior dimensions (H×W×D)	mm	339X1197X262
Net weight	kg	15.5
Ref. piping size	Liquid / Gas	φ mm
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 an anechoic chamber.During operation these values are somewhat higher due to ambient conditions.



### FUNCTION



### SPECIFICATIONS

Item	Model	SRK20ZM-S	SRK25ZM-S	SRK35ZM-S	SRK50ZM-S
Nominal cooling capacity	kW	2.0	2.5	3.5	5.0
Nominal heating capacity	kW	3.0	3.4	4.5	5.8
*Sound power level	Cooling	dB(A)	49	50	58
	Heating	dB(A)	52	55	60
*Sound pressure level	Cooling(Hi/Me/Lo)	dB(A)	33 / 27 / 21	34 / 28 / 21	42 / 32 / 22
	Heating(Hi/Me/Lo)	dB(A)	36 / 31 / 24	39 / 31 / 24	43 / 37 / 25
Air flow	Cooling(Hi/Me/Lo)	m³/min	7.8 / 5.6 / 4.8	7.9 / 6.0 / 5.0	10.1 / 6.4 / 5.0
	Heating(Hi/Me/Lo)		9.8 / 6.3 / 5.0	10.6 / 6.5 / 5.1	12.8 / 9.4 / 6.1
Exterior dimensions (HxWxD)	mm			294x798x229	
Net weight	kg			9.5	
Ref. piping size	Liquid / Gas	φ mm		6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.7(1/2")
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 an anechoic chamber.During operation these values are somewhat higher due to ambient conditions.



### FUNCTION



### SPECIFICATIONS

Item	Model	SRF25ZMX-S	SRF35ZMX-S	SRF50ZMX-S
Nominal cooling capacity	kW	2.5	3.5	5.0
Nominal heating capacity	kW	3.4	4.5	5.8
*Sound power level	Cooling	dB(A)	51	52
	Heating	dB(A)	51	52
*Sound pressure level	Cooling(Hi/Me/Lo/Ulo)	dB(A)	40 / 32 / 29 / 26	41 / 34 / 32 / 28
	Heating(Hi/Me/Lo/Ulo)	dB(A)	40 / 35 / 33 / 28	41 / 36 / 35 / 31
Air flow	Cooling(Hi/Me/Lo/Ulo)	m³/min	9.0 / 7.6 / 6.7 / 5.8	9.2 / 7.8 / 7.3 / 6.4
	Heating(Hi/Me/Lo/Ulo)		10.5 / 8.2 / 7.7 / 6.6	10.7 / 8.3 / 8.1 / 7.4
Exterior dimensions (HxWxD)	mm		600x860x238	
Net weight	kg	18	19	
Ref. piping size	Liquid / Gas	φ mm	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.7(1/2")
Clean filter			Natural Enzyme 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 an anechoic chamber.During operation these values are somewhat higher due to ambient conditions.

# INVERTER MULTI-SPLIT SYSTEM

## SRR-ZM

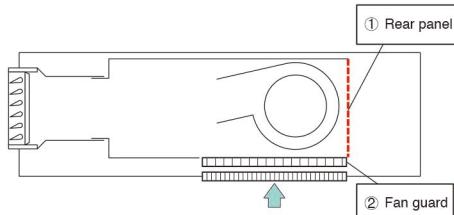
Ceiling Concealed type

NEW



### OPTION

Item	Contents	Option No.
Bottom air inlet kit	①+②	UT-BAT1EF



Wired remote control (option)



Wireless remote control



### FUNCTION



### SPECIFICATIONS

Item	Model	SRR25ZM-S	SRR35ZM-S	SRR50ZM-S	SRR60ZM-S
Nominal cooling capacity	kW	2.5	3.5	5.0	6.0
Nominal heating capacity	kW	3.4	4.5	5.8	6.8
*Sound power level	Cooling	dB(A)	56	57	59
	Heating	dB(A)	59	60	63
*Sound pressure level	Cooling(Hi/Me/Lo/Ulo)	dB(A)	37 / 33 / 30 / 24	38 / 34 / 31 / 25	41 / 37 / 34 / 29
	Heating(Hi/Me/Lo/Ulo)	dB(A)	40 / 37 / 34 / 28	41 / 38 / 35 / 29	43 / 39 / 37 / 32
Air flow	Cooling(Hi/Me/Lo/Ulo)	m³/min	9.5 / 8.5 / 6.5 / 4.5	10.0 / 8.5 / 7.0 / 5.0	13.5 / 11.0 / 10.0 / 7.5
	Heating(Hi/Me/Lo/Ulo)		10.0 / 9.0 / 8.0 / 6.0	10.5 / 9.5 / 8.5 / 6.5	14.5 / 12.5 / 11.0 / 8.5
Exterior dimensions(HxWxD)	mm		200x750x500		200x950x500
Net weight	kg		20.5		24
Ref. piping size	Liquid / Gas	φ mm	6.35(1/4") / 9.52(3/8")		6.35(1/4") / 12.7(1/2")
Air filter				Standard equipment	

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.

## FDTC-VF

4way Ceiling Cassette type

Fits into standard 600 x 600 ceiling



### FUNCTION



### SPECIFICATIONS

Item	Model	FDTC25VF	FDTC35VF	FDTC50VF	FDTC60VF
Nominal cooling capacity	kW	2.5	3.5	5.0	6.0
Nominal heating capacity	kW	3.4	4.5	5.8	6.8
*Sound power level	Cooling	dB(A)	56	58	60
	Heating	dB(A)	56	58	60
*Sound pressure level	Cooling(Hi/Me/Lo)	dB(A)	36 / 32 / 29	40 / 36 / 30	42 / 36 / 30
	Heating(Hi/Me/Lo)	dB(A)	38 / 33 / 29.5	42 / 35 / 32	42 / 36 / 32
Air flow	Cooling(Hi/Me/Lo)	m³/min	9.0 / 8.0 / 6.5	9.5 / 9.0 / 7.0	11.5 / 9.0 / 7.0
	Heating(Hi/Me/Lo)		9.5 / 8.5 / 7.0	10.0 / 9.0 / 8.0	11.5 / 9.0 / 8.0
Exterior dimensions (HxWxD)	Main unit	mm		248x570x570	
	Panel	mm		35x700x700	
Net weight	Unit	kg		15	
	Panel	kg		3.5	
Ref. piping size	Liquid / Gas	φ mm	6.35(1/4") / 9.52(3/8")		6.35(1/4") / 12.7(1/2")

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.

\* Powerful-Hi can be selected. Sound level dB(A):25VF(Cooling:38 Heating:39), 35VF(Cooling:41 Heating:43), 40/50/60VF(Cooling:47 Heating:47), Air flow m³/min:25VF(Cooling:10 Heating:10.5), 35VF(Cooling:11 Heating:11.5), 50/60VF(Cooling:13.5 Heating:13.5)

# FDUM-VF

Duct Connected-Low/Middle Static Pressure-



Wired remote control (option)



RC-EX1A



RC-E5

Wireless remote control (option)



RCH-E3



RCN-KIT3-E

## FUNCTION

Comfortable Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



Filter KIT  
UM-FL1EF (option)

## SPECIFICATIONS

Item	Model	FDUM50VF
Nominal cooling capacity	kW	5.0
Nominal heating capacity	kW	5.8
* Sound power level	Cooling dB(A)	60
	Heating dB(A)	60
* Sound pressure level	Cooling(Hi/Me/Lo) dB(A)	32 / 29 / 26
	Heating(Hi/Me/Lo) dB(A)	32 / 29 / 26
Air flow	Cooling(Hi/Me/Lo) m³/min	10.0 / 9.0 / 8.0
	Heating(Hi/Me/Lo)	10.0 / 9.0 / 8.0
Exterior dimensions (HxWxD)	mm	280X750X635
Net weight	kg	29
Ref. piping size	Liquid / Gas	φ mm
		6.35(1/4") / 12.7(1/2")
Air filter		Filter KIT : UM-FL1EF (option)

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.

※ Powerful-Hi can be selected. Sound pressure level dB(A):Cooling:37 Heating:37 Air flow:13m³/min

# FDEN-VF

Ceiling Suspended



Wired remote control (option)



RC-EX1A



RC-E5



RCH-E3

Wireless remote control (option)



RCN-E1R

## FUNCTION

Comfortable Functions



Comfortable Air Flow Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



## SPECIFICATIONS

Item	Model	FDEN50VF
Nominal cooling capacity	kW	5.0
Nominal heating capacity	kW	5.8
* Sound power level	Cooling dB(A)	60
	Heating dB(A)	60
* Sound pressure level	Cooling(Hi/Me/Lo) dB(A)	39 / 38 / 37
	Heating(Hi/Me/Lo) dB(A)	39 / 38 / 37
Air flow	Cooling(Hi/Me/Lo) m³/min	11.0 / 9.0 / 7.0
	Heating(Hi/Me/Lo)	11.0 / 9.0 / 7.0
Exterior dimensions (HxWxD)	mm	210X1070X690
Net weight	kg	28
Ref. piping size	Liquid / Gas	φ mm
		6.35(1/4") / 12.7(1/2")
Air filter		Pocket Plastic net X 2 (Washable)

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.

※ Powerful-Hi can be selected. Sound pressure level: Cooling dB(A):46 Heating:46 Air flow:13m³/min

# INVERTER MULTI-SPLIT SYSTEM

## Combinations

Combination table for Outdoor unit and Indoor unit •:Yes -:No

Outdoor Indoor	40ZM-S	45ZM-S	50ZM-S	60ZM-S	71ZM-S	80ZM-S	100ZM-S	125ZM-S
SRK	20ZMX-S	●	●	●	●	●	●	●
	25ZMX-S	●	●	●	●	●	●	●
	35ZMX-S	●	●	●	●	●	●	●
	50ZMX-S	—	—	●	●	●	●	●
	60ZMX-S	—	—	—	●	●	●	●
	71ZR-S	—	—	—	—	—	●	●
	20ZM-S	●	●	●	●	●	●	●
	25ZM-S	●	●	●	●	●	●	●
	35ZM-S	●	●	●	●	●	●	●
	50ZM-S	—	—	●	●	●	●	●
SRR	25ZM-S	●	●	●	●	●	●	●
	35ZM-S	●	●	●	●	●	●	●
	50ZM-S	—	—	●	●	●	●	●
	60ZM-S	—	—	—	●	●	●	●
SRF	25ZMX-S	●	●	●	●	●	●	●
	35ZMX-S	●	●	●	●	●	●	●
	50ZMX-S	—	—	●	●	●	●	●
FDTC	25VF	●	●	●	●	●	●	●
	35VF	●	●	●	●	●	●	●
	50VF	—	—	●	●	●	●	●
	60VF	—	—	—	●	●	●	●
FDUM	50VF	—	—	●	●	●	●	●
FDEN	50VF	—	—	●	●	●	●	●

## Number of connectable Indoor units

	40ZM-S	45ZM-S	50ZM-S	60ZM-S	71ZM-S	80ZM-S	100ZM-S	125ZM-S
Min	2	2	2	2	2	2	4*	4*
Max	2	2	3	3	4	4	5	6

\* In case of SRK71ZR-S+SRK71ZR-S, 2 Indoor units can be connectable.

In case of the combination with SRK20ZMX-S, SRK25ZMX-S, SRK35ZMX-S, SRK50ZMX-S,

SRK60ZMX-S, SRK71ZR-S & FDEN50VF, any 3 indoor units can be connectable.

The total connecting capacity of indoor units should be between 100 ~ 160.

## Connectable total indoor units capacity

	40ZM-S	45ZM-S	50ZM-S	60ZM-S	71ZM-S	80ZM-S	100ZM-S	125ZM-S
kW	6.0	7.0	8.5	11.0	12.5	13.5	16.0	19.5

## SCM40ZM-S Table of Indoor unit combination with SRK-ZMX-S type only

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	
Heating operation	*1 1 room	20	3.0	—	1.4	3.0	3.7	470	750	1070	3.4	3.3	3.2
		25	3.4	—	1.4	3.4	4.2	470	920	1210	4.2	4.0	3.9
		35	4.5	—	1.4	4.5	5.0	470	1210	1450	5.6	5.3	5.1
	*2 2 room	20 + 20	2.25	2.25	2.0	4.5	6.9	530	900	2300	4.1	4.0	3.8
		20 + 25	2.49	3.11	2.0	5.6	6.9	530	1200	2300	5.5	5.3	5.1
		20 + 35	2.11	3.69	2.0	5.8	6.9	530	1290	2300	5.9	5.7	5.4
Cooling operation	1 room	25 + 25	2.90	2.90	2.0	5.8	6.9	530	1290	2300	5.9	5.7	5.4
		25 + 35	2.42	3.38	2.0	5.8	6.9	530	1290	2300	5.9	5.7	5.4
		20 + 35	2.11	3.69	2.0	5.8	6.7	530	1330	2300	6.1	5.8	5.6
	2 room	25 + 25	2.50	2.50	3.0	5.0	5.9	560	1280	1900	5.9	5.6	5.4
		20 + 35	2.00	3.03	3.0	5.2	5.9	560	1430	1900	6.6	6.3	6.0
		25 + 35	2.17	3.03	3.0	5.2	5.9	560	1430	1900	6.6	6.3	6.0

The values are for 1 indoor unit (\*1) and 2 indoor units (\*2) operation.

The same hereinafter.

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	
Cooling operation	1 room	20	2.0	—	1.8	2.0	2.8	490	530	880	2.4	2.3	2.2
		25	2.5	—	1.8	2.5	3.4	490	670	1040	3.1	2.9	2.8
		35	3.5	—	1.8	3.5	3.9	490	970	1200	4.5	4.3	4.1
	2 room	20 + 20	2.00	2.00	3.0	4.0	5.7	560	840	1750	3.9	3.7	3.5
		20 + 25	2.00	2.50	3.0	4.5	5.9	560	1040	1900	4.8	4.6	4.4
		20 + 35	1.89	3.31	3.0	5.2	5.9	560	1430	1900	6.6	6.3	6.0
Heating operation	1 room	25 + 25	2.50	2.50	3.0	5.0	5.9	560	1280	1900	5.9	5.6	5.4
		25 + 35	2.17	3.03	3.0	5.2	5.9	560	1430	1900	6.6	6.3	6.0
		20 + 35	2.11	3.69	2.0	5.8	6.7	530	1330	2300	6.1	5.8	5.6
	2 room	25 + 25	2.50	2.50	3.0	5.8	6.7	530	1330	2300	6.1	5.8	5.6
		20 + 35	1.89	3.31	3.0	5.2	5.8	560	1500	1900	6.9	6.6	6.3
		25 + 35	2.50	2.50	3.0	5.0	5.8	560	1340	1900	6.2	5.9	5.6

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	
Cooling operation	1 room	20	2.0	—	1.8	2.0	2.7	490	560	880	2.6	2.5	2.4
		25	2.5	—	1.8	2.5	3.2	490	710	1040	3.3	3.1	3.0
		35	3.5	—	1.8	3.5	3.7	490	1030	1200	4.7	4.5	4.3
	2 room	20 + 20	2.00	2.00	3.0	4.0	5.6	560	880	1750	4.0	3.9	3.7
		20 + 25	2.00	2.50	3.0	4.5	5.8	560	1090	1900	5.0	4.8	4.6
		20 + 35	1.89	3.31	3.0	5.2	5.8	560	1500	1900	6.9	6.6	6.3
Heating operation	1 room	25 + 25	2.50	2.50	3.0	5.0	5.8	560	1340	1900	6.2	5.9	5.6
		25 + 35	2.17	3.03	3.0	5.2	5.8	560	1500	1900	6.9	6.6	6.3
		20 + 35	2.11	3.69	2.0	5.8	6.7	530	1330	2300	6.1	5.8	5.6
	2 room	25 + 25	2.50	2.50	3.0	5.8	6.7	530	1340	1900	6.2	5.9	5.6
		20 + 35	1.89	3.31	3.0	5.2	5.8	560	1500	1900	6.9	6.6	6.3
		25 + 35	2.50	2.50	3.0	5.0	5.8	560	1500	1900	6.9	6.6	6.3

# Combinations

## SCM45ZM-S Table of Indoor unit combination with SRK-ZMX-S type only

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			
Heating operation	1 room	20	3.0	—	1.4	3.0	3.7	470	750	1070	3.4	3.3	3.2			
		25	3.4	—	1.4	3.4	4.2	470	920	1210	4.2	4.0	3.9			
		35	4.5	—	1.4	4.5	5.0	470	1210	1450	5.6	5.3	5.1			
	2 room	20 + 20	2.25	2.25	2.0	4.5	7.4	530	900	2570	4.1	4.0	3.8			
		20 + 25	2.49	3.11	2.0	5.6	7.4	530	1200	2570	5.5	5.3	5.1			
		20 + 35	2.36	4.14	2.0	6.5	7.4	530	1500	2570	6.9	6.6	6.3			
		25 + 25	3.25	3.25	2.0	6.5	7.4	530	1500	2570	6.9	6.6	6.3			
		25 + 35	2.71	3.79	2.0	6.5	7.4	530	1500	2570	6.9	6.6	6.3			
	35 + 35		3.25	3.25	2.0	6.5	7.4	530	1500	2570	6.9	6.6	6.3			
Cooling operation			Cooling capacity (kW)						Power consumption (W)			Standard current (A)				
			Room cooling capacity (kW)		Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V			
1 room	20	2.0	—	1.8	2.0	2.8	490	530	880	2.4	2.3	2.2				
	25	2.5	—	1.8	2.5	3.4	490	670	1040	3.1	2.9	2.8				
	35	3.5	—	1.8	3.5	3.9	490	970	1200	4.5	4.3	4.1				
2 room	20 + 20	2.00	2.00	3.0	4.0	5.7	560	840	1750	3.9	3.7	3.5				
	20 + 25	2.00	2.50	3.0	4.5	5.9	560	1040	1900	4.8	4.6	4.4				
	20 + 35	2.00	3.50	3.0	5.5	6.3	560	1490	2110	6.8	6.5	6.3				
	25 + 25	2.50	2.50	3.0	5.0	6.2	560	1280	2050	5.9	5.6	5.4				
	25 + 35	2.42	3.38	3.0	5.8	6.4	560	1740	2140	8.0	7.6	7.3				
	35 + 35	2.90	2.90	3.0	5.8	6.4	560	1740	2140	8.0	7.6	7.3				

## SCM45ZM-S Table of Indoor unit combination not with SRK-ZMX-S type only

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			
Heating operation	1 room	20	3.0	—	1.4	3.0	3.5	470	900	1070	4.1	4.0	3.8			
		25	3.4	—	1.4	3.4	4.0	470	1070	1210	4.9	4.7	4.5			
		35	4.5	—	1.4	4.5	4.8	470	1340	1450	6.2	5.9	5.6			
	2 room	20 + 20	2.25	2.25	2.0	4.5	7.2	530	930	2570	4.3	4.1	3.9			
		20 + 25	2.49	3.11	2.0	5.6	7.2	530	1240	2570	5.7	5.4	5.2			
		20 + 35	2.36	4.14	2.0	6.5	7.2	530	1550	2570	7.1	6.8	6.5			
		25 + 25	3.25	3.25	2.0	6.5	7.2	530	1550	2570	7.1	6.8	6.5			
		25 + 35	2.71	3.79	2.0	6.5	7.2	530	1550	2570	7.1	6.8	6.5			
	35 + 35		3.25	3.25	2.0	6.5	7.2	530	1550	2570	7.1	6.8	6.5			
Cooling operation			Cooling capacity (kW)						Power consumption (W)			Standard current (A)				
			Room cooling capacity (kW)		Total capacity (kW)			Min.	Standard	Max.	220V	230V	240V			
1 room	20	2.0	—	1.8	2.0	2.7	490	560	880	2.6	2.5	2.4				
	25	2.5	—	1.8	2.5	3.2	490	710	1040	3.3	3.1	3.0				
	35	3.5	—	1.8	3.5	3.7	490	1030	1200	4.7	4.5	4.3				
2 room	20 + 20	2.00	2.00	3.0	4.0	5.6	560	880	1750	4.0	3.9	3.7				
	20 + 25	2.00	2.50	3.0	4.5	5.8	560	1090	1900	5.0	4.8	4.6				
	20 + 35	2.00	3.50	3.0	5.5	6.2	560	1560	2110	7.2	6.9	6.6				
	25 + 25	2.50	2.50	3.0	5.0	6.1	560	1340	2050	6.2	5.9	5.6				
	25 + 35	2.42	3.38	3.0	5.8	6.3	560	1820	2140	8.4	8.0	7.7				
	35 + 35	2.90	2.90	3.0	5.8	6.3	560	1820	2140	8.4	8.0	7.7				

## SCM50ZM-S Table of Indoor unit combination with SRK-ZMX-S type only

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		
Heating operation	1 room	20	3.0	—	1.4	3.0	3.7	480	820	1100	3.8	3.6	3.5		
		25	3.4	—	1.4	3.4	4.2	480	980	1240	4.5	4.3	4.1		
		35	4.5	—	1.4	4.5	5.0	480	1280	1490	5.9	5.6	5.4		
		50	5.8	—	1.4	5.8	6.2	480	1740	2260	8.0	7.6	7.3		
	2 room	20 + 20	2.95	2.95	2.0	5.9	7.3	540	1480	2580	6.8	6.5	6.2		
		20 + 25	2.67	3.33	2.0	6.0	7.3	540	1530	2580	7.0	6.7	6.4		
		20 + 35	2.29	4.01	2.0	6.3	7.3	540	1620	2580	7.4	7.1	6.8		
		20 + 50	1.89	4.71	2.0	6.6	7.3	540	1710	2580	7.9	7.5	7.2		
		25 + 25	3.05	3.05	2.0	6.1	7.3	540	1560	2580	7.2	6.9	6.6		
		25 + 35	2.67	3.73	2.0	6.4	7.3	540	1650	2580	7.6	7.2	6.9		
		25 + 50	2.20	4.40	2.0	6.6	7.3	540	1710	2580	7.9	7.5	7.2		
		35 + 35	3.30	3.30	2.0	6.6	7.3	540	1710	2580	7.9	7.5	7.2		
	3 room	25 + 50	2.72	3.88	2.0	6.6	7.3	540	1710	2580	7.9	7.5	7.2		
		20 + 20 + 20	2.00	2.00	3.0	6.0	7.5	600	1310	2580	6.0	5.8	5.5		
		20 + 20 + 25	1.91	1.91	2.38	6.2	7.5	600	1400	2580	6.4	6.1	5.9		
		20 + 20 + 35	1.76	1.76	3.08	6.6	7.5	600	1560	2580	7.2	6.9	6.6		
		20 + 25 + 25	1.83	2.29	2.29	6.4	7.5	600	1470	2580	6.7	6.5	6.2		
Cooling operation			20 + 25 + 35	1.70	2.13	2.98	6.8	7.5	600	1620	2580	7.4	7.1	6.8	
			25 + 25 + 25	2.20	2.20	2.20	6.6	7.5	600	1560	2580	7.2	6.9	6.6	
			25 + 25 + 35	2.06	2.06	2.88	7.0	7.5	600	1690	2580	7.8	7.4	7.1	

# INVERTER MULTI-SPLIT SYSTEM

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	
Cooling operation	1 room	20	2.0	—	—	1.8	2.0	2.8	500	550	900	2.5	2.4	2.3
		25	2.5	—	—	1.8	2.5	3.4	500	720	1070	3.3	3.2	3.0
		35	3.5	—	—	1.8	3.5	3.9	500	1080	1230	5.0	4.7	4.5
		50	5.0	—	—	1.8	5.0	5.5	500	1700	2000	7.8	7.5	7.2
	2 room	20 + 20	2.00	2.00	—	3.0	4.0	5.7	570	910	1800	4.2	4.0	3.8
		20 + 25	1.91	2.39	—	3.0	4.3	5.9	570	1070	1980	4.9	4.7	4.5
		20 + 35	1.82	3.19	—	3.0	5.0	6.2	570	1430	2070	6.6	6.3	6.0
		20 + 50	1.71	4.29	—	3.0	6.0	6.5	570	1960	2150	9.0	8.6	8.2
		25 + 25	2.35	2.35	—	3.0	4.7	6.2	570	1270	2070	5.8	5.6	5.3
		25 + 35	2.21	3.09	—	3.0	5.3	6.5	570	1600	2150	7.3	7.0	6.7
	3 room	25 + 50	2.00	4.00	—	3.0	6.0	6.5	570	1960	2150	9.0	8.6	8.2
		35 + 35	3.00	3.00	—	3.0	6.0	6.5	570	1960	2150	9.0	8.6	8.2
		35 + 50	2.47	3.53	—	3.0	6.0	6.5	570	1960	2150	9.0	8.6	8.2
		20 + 20 + 20	1.67	1.67	1.67	3.4	5.0	7.1	690	1080	2150	5.0	4.7	4.5
		20 + 20 + 25	1.60	1.60	2.00	3.4	5.2	7.1	690	1160	2150	5.3	5.1	4.9
		20 + 20 + 35	1.49	1.49	2.61	3.4	5.6	7.1	690	1330	2150	6.1	5.8	5.6
	3 room	20 + 25 + 25	1.54	1.93	1.93	3.4	5.4	7.1	690	1260	2150	5.8	5.5	5.3
		20 + 25 + 35	1.45	1.81	2.54	3.4	5.8	7.1	690	1430	2150	6.6	6.3	6.0
		25 + 25 + 25	1.87	1.87	1.87	3.4	5.6	7.1	690	1330	2150	6.1	5.8	5.6
		25 + 25 + 35	1.76	1.76	2.47	3.4	6.0	7.1	690	1490	2150	6.8	6.5	6.3

**SCM50ZM-S** Table of Indoor unit combination not with SRK-ZMX-S type only

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	
Heating operation	1 room	20	3.0	—	—	1.4	3.0	3.5	480	1020	1100	4.7	4.5	4.3
		25	3.4	—	—	1.4	3.4	4.0	480	1180	1240	5.4	5.2	5.0
		35	4.5	—	—	1.4	4.5	4.8	480	1470	1490	6.7	6.5	6.2
		50	5.8	—	—	1.4	5.8	6.0	480	1910	2260	8.8	8.4	8.0
	2 room	20 + 20	2.95	2.95	—	2.0	5.9	7.0	540	1510	2580	6.9	6.6	6.4
		20 + 25	2.67	3.33	—	2.0	6.0	7.0	540	1560	2580	7.2	6.9	6.6
		20 + 35	2.29	4.01	—	2.0	6.3	7.0	540	1650	2580	7.6	7.2	6.9
		20 + 50	1.89	4.71	—	2.0	6.6	7.0	540	1740	2580	8.0	7.6	7.3
		25 + 25	3.05	3.05	—	2.0	6.1	7.0	540	1590	2580	7.3	7.0	6.7
		25 + 35	2.67	3.73	—	2.0	6.4	7.0	540	1680	2580	7.7	7.4	7.1
	3 room	25 + 50	2.20	4.40	—	2.0	6.6	7.0	540	1740	2580	8.0	7.6	7.3
		35 + 35	3.30	3.30	—	2.0	6.6	7.0	540	1740	2580	8.0	7.6	7.3
		35 + 50	2.72	3.88	—	2.0	6.6	7.0	540	1740	2580	8.0	7.6	7.3
		20 + 20 + 20	2.00	2.00	2.00	3.0	6.0	7.3	600	1340	2580	6.3	6.1	5.8
		20 + 20 + 25	1.91	1.91	2.38	3.0	6.2	7.3	600	1430	2580	6.8	6.5	6.2
		20 + 20 + 35	1.76	1.76	3.08	3.0	6.6	7.3	600	1600	2580	7.6	7.2	6.9
	3 room	20 + 25 + 25	1.83	2.29	2.29	3.0	6.4	7.3	600	1510	2580	7.1	6.8	6.6
		20 + 25 + 35	1.70	2.13	2.98	3.0	6.8	7.3	600	1660	2580	7.9	7.5	7.2
		25 + 25 + 25	2.20	2.20	2.20	3.0	6.6	7.3	600	1600	2580	7.6	7.2	6.9
		25 + 25 + 35	2.06	2.06	2.88	3.0	7.0	7.3	600	1730	2580	8.2	7.8	7.5

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	
Cooling operation	1 room	20	2.0	—	—	1.8	2.0	2.7	500	580	900	2.7	2.5	2.4
		25	2.5	—	—	1.8	2.5	3.2	500	760	1070	3.5	3.3	3.2
		35	3.5	—	—	1.8	3.5	3.7	500	1140	1230	5.2	5.0	4.8
		50	5.0	—	—	1.8	5.0	5.3	500	1790	2000	8.2	7.9	7.5
	2 room	20 + 20	2.00	2.00	—	3.0	4.0	5.6	570	950	1800	4.4	4.2	4.0
		20 + 25	1.91	2.39	—	3.0	4.3	5.8	570	1110	1980	5.1	4.9	4.7
		20 + 35	1.82	3.19	—	3.0	5.0	6.1	570	1490	2070	6.8	6.5	6.3
		20 + 50	1.71	4.29	—	3.0	6.0	6.3	570	2040	2150	9.4	9.0	8.6
		25 + 25	2.35	2.35	—	3.0	4.7	6.1	570	1320	2070	6.1	5.8	5.6
		25 + 35	2.21	3.09	—	3.0	5.3	6.3	570	1660	2150	7.6	7.3	7.0
	3 room	25 + 50	2.00	4.00	—	3.0	6.0	6.3	570	2040	2150	9.4	9.0	8.6
		35 + 35	3.00	3.00	—	3.0	6.0	6.3	570	2040	2150	9.4	9.0	8.6
		35 + 50	2.47	3.53	—	3.0	6.0	6.3	570	2040	2150	9.4	9.0	8.6
		20 + 20 + 20	1.67	1.67	1.67	3.4	5.0	6.9	690	1120	2150	5.1	4.9	4.9
		20 + 20 + 25	1.60	1.60	2.00	3.4	5.2	6.9	690	1200	2150	5.7	5.4	5.2
		20 + 20 + 35	1.49	1.49	2.61	3.4	5.6	6.9	690	1370	2150	6.5	6.2	5.9
	3 room	20 + 25 + 25	1.54	1.93	1.93	3.4	5.4	6.9	690	1300	2150	6.2	5.9	5.6
		20 + 25 + 35	1.45	1.81	2.54	3.4	5.8	6.9	690	1470	2150	7.0	6.7	6.4
		25 + 25 + 25	1.87	1.87	1.87	3.4	5.6	6.9	690	1370	2150	6.5	6.2	5.9
		25 + 25 + 35	1.76	1.76	2.47	3.4	6.0	6.9	690	1540	2150	7.3	7.0	6.7

**SCM60ZM-S** Table of Indoor unit combination with SRK-ZMX-S type only

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	
Heating operation	1 room	20	3.0	—	—	1.5	3.0	3.7	600	780	1330	3.6	3.4	3.3
		25	3.4	—	—	1.5	3.4	4.2	600	950	1510	4.4	4.2	4.0
		35	4.5	—	—	1.5	4.5	5.0	600	1290	1790	5.9	5.7	5.4

# Combinations

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	
Heating operation	3 room	20 + 20 + 50	1.56	1.56	3.89	3.2	7.0	7.8	660	1690	3000	8.0	7.7	7.3
		20 + 20 + 60	1.44	1.44	4.32	3.2	7.2	7.8	660	1860	3000	8.8	8.4	8.1
		20 + 25 + 25	1.94	2.43	2.43	3.2	6.8	7.8	660	1510	3000	7.1	6.8	6.6
		20 + 25 + 35	1.73	2.16	3.02	3.2	6.9	7.8	660	1560	3000	7.4	7.1	6.8
		20 + 25 + 50	1.49	1.87	3.74	3.2	7.1	7.8	660	1740	3000	8.2	7.9	7.6
		20 + 25 + 60	1.37	1.71	4.11	3.2	7.2	7.8	660	1860	3000	8.8	8.4	8.1
		20 + 35 + 35	1.56	2.72	2.72	3.2	7.0	7.8	660	1690	3000	8.0	7.7	7.3
		20 + 35 + 50	1.37	2.40	3.43	3.2	7.2	7.8	660	1860	3000	8.8	8.4	8.1
		25 + 25 + 25	2.27	2.27	2.27	3.2	6.8	7.8	660	1510	3000	7.1	6.8	6.6
		25 + 25 + 35	2.06	2.06	2.88	3.2	7.0	7.8	660	1690	3000	8.0	7.7	7.3
		25 + 25 + 50	1.80	1.80	3.60	3.2	7.2	7.8	660	1860	3000	8.8	8.4	8.1
		25 + 25 + 60	1.64	1.64	3.93	3.2	7.2	7.8	660	1860	3000	8.8	8.4	8.1
		25 + 35 + 35	1.87	2.62	2.62	3.2	7.1	7.8	660	1740	3000	8.2	7.9	7.6
		25 + 35 + 50	1.64	2.29	3.27	3.2	7.2	7.8	660	1860	3000	8.8	8.4	8.1
		35 + 35 + 35	2.40	2.40	2.40	3.2	7.2	7.8	660	1860	3000	8.8	8.4	8.1
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	
Cooling operation	1 room	20	2.0	—	—	1.8	2.0	2.8	500	540	950	2.5	2.4	2.3
		25	2.5	—	—	1.8	2.5	3.4	500	720	1080	3.3	3.2	3.0
		35	3.5	—	—	1.8	3.5	3.9	500	1090	1240	5.0	4.8	4.6
		50	5.0	—	—	1.8	5.0	5.8	500	1780	2100	8.2	7.8	7.5
		60	6.0	—	—	1.8	6.0	6.3	500	2260	2370	10.4	9.9	9.5
	2 room	20 + 20	2.00	2.00	—	3.0	4.0	5.7	570	750	1750	3.4	3.3	3.2
		20 + 25	2.00	2.50	—	3.0	4.5	5.9	570	990	1910	4.5	4.3	4.2
		20 + 35	1.93	3.37	—	3.0	5.3	6.2	570	1550	2110	7.1	6.8	6.5
		20 + 50	1.89	4.71	—	3.0	6.6	6.9	570	2280	2390	10.5	10.0	9.6
		20 + 60	1.68	5.03	—	3.0	6.7	6.9	570	2320	2390	10.7	10.2	9.8
		25 + 25	2.45	—	—	3.0	4.9	6.2	570	1270	2110	5.8	5.6	5.3
		25 + 35	2.42	3.38	—	3.0	5.8	6.5	570	1840	2270	8.4	8.1	7.7
		25 + 50	2.23	4.47	—	3.0	6.7	6.9	570	2320	2390	10.7	10.2	9.8
		25 + 60	1.97	4.73	—	3.0	6.7	6.9	570	2320	2390	10.7	10.2	9.8
		35 + 35	3.30	3.30	—	3.0	6.6	6.9	570	2280	2390	10.5	10.0	9.6
	3 room	35 + 50	2.76	3.94	—	3.0	6.7	6.9	570	2320	2390	10.7	10.2	9.8
		35 + 60	2.47	4.23	—	3.0	6.7	6.9	570	2320	2390	10.7	10.2	9.8
		50 + 50	3.35	3.35	—	3.0	6.7	6.9	570	2320	2390	10.7	10.2	9.8
		50 + 60	3.05	3.65	—	3.0	6.7	6.9	570	2320	2390	10.7	10.2	9.8
		20 + 20 + 20	1.90	1.90	1.90	3.6	5.7	7.5	690	1390	2390	6.6	6.3	6.0
		20 + 20 + 25	1.82	1.82	2.27	3.6	5.9	7.5	690	1410	2390	6.7	6.4	6.1
		20 + 20 + 35	1.60	1.60	2.80	3.6	6.0	7.5	690	1430	2390	6.8	6.5	6.2
		20 + 20 + 50	1.40	1.40	3.50	3.6	6.3	7.5	690	1480	2390	7.0	6.7	6.4
		20 + 20 + 60	1.28	1.28	3.84	3.6	6.4	7.5	690	1500	2390	7.1	6.8	6.5
		20 + 25 + 25	1.69	2.11	2.11	3.6	5.9	7.5	690	1410	2390	6.7	6.4	6.1
	Heating operation	20 + 25 + 35	1.53	1.91	2.67	3.6	6.1	7.5	690	1460	2390	6.9	6.6	6.3
		20 + 25 + 50	1.35	1.68	3.37	3.6	6.4	7.5	690	1500	2390	7.1	6.8	6.5
		20 + 25 + 60	1.26	1.57	3.77	3.6	6.6	7.5	690	1520	2390	7.2	6.9	6.6
		20 + 35 + 35	1.40	2.45	2.45	3.6	6.3	7.5	690	1480	2390	7.0	6.7	6.4
		20 + 35 + 50	1.26	2.20	3.14	3.6	6.6	7.5	690	1520	2390	7.2	6.9	6.6
		25 + 25 + 25	2.00	2.00	2.00	3.6	6.0	7.5	690	1430	2390	6.8	6.5	6.2
		25 + 25 + 35	1.79	1.79	2.51	3.6	6.1	7.5	690	1460	2390	6.9	6.6	6.3
		25 + 25 + 50	1.60	1.60	3.20	3.6	6.4	7.5	690	1500	2390	7.1	6.8	6.5
		25 + 25 + 60	1.52	1.52	3.65	3.6	6.7	7.5	690	1540	2390	7.3	7.0	6.7
		25 + 35 + 35	1.68	2.36	2.36	3.6	6.4	7.5	690	1500	2390	7.1	6.8	6.5
		25 + 35 + 50	1.52	2.13	3.05	3.6	6.7	7.5	690	1540	2390	7.3	7.0	6.7
		35 + 35 + 35	2.20	2.20	2.20	3.6	6.6	7.5	690	1520	2390	7.2	6.9	6.6

**SCM60ZM-S** Table of Indoor unit combination not with SRK-ZMX-S type only

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	
Heating operation	1 room	20	3.0	—	—	1.5	3.0	3.5	600	970	1330	4.5	4.3	4.1
		25	3.4	—	—	1.5	3.4	4.0	600	1140	1510	5.2	5.0	4.8
		35	4.5	—	—	1.5	4.5	4.8	600	1480	1790	6.8	6.5	6.2
		50	5.8	—	—	1.5	5.8	6.1	600	1960	2310	9.0	8.6	8.2
		60	6.8	—	—	1.5	6.8	7.0	600	2250	2660	10.3	9.9	9.5
	2 room	20 + 20	3.00	3.00	—	2.1	6.0	7.0	630	1520	2100	7.0	6.7	6.4
		20 + 25	2.71	3.39	—	2.1	6.1	7.2	630	1600	2550	7.3	7.0	6.7
		20 + 35	2.36	4.14	—	2.1	6.5	7.3	630	1710	3000	7.9	7.5	7.2
		20 + 50	2.00	5.00	—	2.1	7.0	7.3	630	1940	3000	8.9	8.5	8.2
		20 + 60	1.78	5.33	—	2.1	7.1	7.3	630	1980	3000	9.1	8.7	8.3
		25 + 25	3.15	3.15	—	2.1	6.3	7.3	630	1660	3000	7.6	7.3	7.0
		25 + 35	2.79	3.91	—	2.1	6.7	7.3	630	1790	3000	8.2	7.9	7.5
		25 + 50	2.37	4.73	—	2.1	7.1	7.3	630	1980	3000	9.1	8.7	8.3
		25 + 60	2.09	5.01	—	2.1	7.1	7.3	630	1980	3000	9.1	8.7	8.3
		35 + 35	3.50	3.50	—	2.1	7.0	7.3	630	1940	3000	8.9	8.5	8.2
	3 room	35 + 50	2.92	4.18	—	2.1	7.1	7.3	630	1980	3000	9.1	8.7	8.3
		35 + 60	2.62	4.48	—	2.1	7.1	7.3	630	1980	3000	9.1	8.7	8.3
		50 + 50	3.55	3.55	—	2.1	7.1	7.3	630	19				

# INVERTER MULTI-SPLIT SYSTEM

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.							
Cooling operation	1 room	20	2.0	—	—	1.8	2.0	2.7	500	570	950	2.6	2.5	2.4
		25	2.5	—	—	1.8	2.5	3.2	500	760	1080	3.5	3.3	3.2
		35	3.5	—	—	1.8	3.5	3.7	500	1150	1240	5.3	5.1	4.8
		50	5.0	—	—	1.8	5.0	5.6	500	1860	2100	8.5	8.2	7.8
		60	6.0	—	—	1.8	6.0	6.1	500	2350	2370	10.8	10.3	9.9
	2 room	20 + 20	2.00	2.00	—	3.0	4.0	5.6	570	800	1750	3.7	3.5	3.4
		20 + 25	2.00	2.50	—	3.0	4.5	5.8	570	1050	1910	4.8	4.6	4.4
		20 + 35	1.93	3.37	—	3.0	5.3	6.1	570	1620	2110	7.4	7.1	6.8
		20 + 50	1.89	4.71	—	3.0	6.6	6.8	570	2330	2390	10.7	10.2	9.8
		20 + 60	1.68	5.03	—	3.0	6.7	6.8	570	2370	2390	10.9	10.4	10.0
	3 room	25 + 25	2.45	2.45	—	3.0	4.9	6.1	570	1340	2110	6.2	5.9	5.6
		25 + 35	2.42	3.38	—	3.0	5.8	6.4	570	1920	2270	8.8	8.4	8.1
		25 + 50	2.23	4.47	—	3.0	6.7	6.8	570	2370	2390	10.9	10.4	10.0
		25 + 60	1.97	4.73	—	3.0	6.7	6.8	570	2370	2390	10.9	10.4	10.0
		35 + 35	3.30	3.30	—	3.0	6.6	6.8	570	2330	2390	10.7	10.2	9.8
		35 + 50	2.76	3.94	—	3.0	6.7	6.8	570	2370	2390	10.9	10.4	10.0
		35 + 60	2.47	4.23	—	3.0	6.7	6.8	570	2370	2390	10.9	10.4	10.0
		50 + 50	3.35	3.35	—	3.0	6.7	6.8	570	2370	2390	10.9	10.4	10.0
		50 + 60	3.05	3.65	—	3.0	6.7	6.8	570	2370	2390	10.9	10.4	10.0
		20 + 20 + 20	1.90	1.90	1.90	3.6	5.7	7.3	690	1430	2390	6.8	6.5	6.2
		20 + 20 + 25	1.82	1.82	2.27	3.6	5.9	7.3	690	1450	2390	6.9	6.6	6.3
		20 + 20 + 35	1.60	1.60	2.80	3.6	6.0	7.3	690	1470	2390	7.0	6.7	6.4
		20 + 20 + 50	1.40	1.40	3.50	3.6	6.3	7.3	690	1520	2390	7.2	6.9	6.6
		20 + 20 + 60	1.28	1.28	3.84	3.6	6.4	7.3	690	1540	2390	7.3	7.0	6.7
		20 + 25 + 25	1.69	2.11	2.11	3.6	5.9	7.3	690	1450	2390	6.9	6.6	6.3
		20 + 25 + 35	1.53	1.91	2.67	3.6	6.1	7.3	690	1500	2390	7.1	6.8	6.5
		20 + 25 + 50	1.35	1.68	3.37	3.6	6.4	7.3	690	1540	2390	7.3	7.0	6.7
		20 + 25 + 60	1.26	1.57	3.77	3.6	6.6	7.3	690	1560	2390	7.4	7.1	6.8
		20 + 35 + 35	1.40	2.45	2.45	3.6	6.3	7.3	690	1520	2390	7.2	6.9	6.6
		20 + 35 + 50	1.26	2.20	3.14	3.6	6.6	7.3	690	1560	2390	7.4	7.1	6.8
		25 + 25 + 25	2.00	2.00	2.00	3.6	6.0	7.3	690	1470	2390	7.0	6.7	6.4
		25 + 25 + 35	1.79	1.79	2.51	3.6	6.1	7.3	690	1500	2390	7.1	6.8	6.5
		25 + 25 + 50	1.60	1.60	3.20	3.6	6.4	7.3	690	1540	2390	7.3	7.0	6.7
		25 + 25 + 60	1.52	1.52	3.65	3.6	6.7	7.3	690	1580	2390	7.5	7.2	6.9
		25 + 35 + 35	1.68	2.36	2.36	3.6	6.4	7.3	690	1540	2390	7.3	7.0	6.7
		25 + 35 + 50	1.52	2.13	3.05	3.6	6.7	7.3	690	1580	2390	7.5	7.2	6.9
		35 + 35 + 35	2.20	2.20	2.20	3.6	6.6	7.3	690	1560	2390	7.4	7.1	6.8

**SCM71ZM-S** Table of Indoor unit combination with SRK-ZMX-S type only

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.							
Heating operation	1 room	20	3.0	—	—	—	1.5	3.0	3.7	600	840	1330	3.9	3.7	3.5
		25	3.4	—	—	—	1.5	3.4	4.2	600	1000	1510	4.6	4.4	4.2
		35	4.5	—	—	—	1.5	4.5	5.0	600	1330	1790	6.1	5.8	5.6
		50	5.8	—	—	—	1.5	5.8	6.5	600	1780	2310	8.2	7.8	7.5
		60	6.8	—	—	—	1.5	6.8	7.5	600	2100	2660	9.6	9.2	8.8
	2 room	20 + 20	2.70	2.70	—	—	2.1	5.4	7.4	630	1340	1870	6.2	5.9	5.6
		20 + 25	2.62	3.28	—	—	2.1	5.9	7.7	630	1530	2130	7.0	6.7	6.4
		20 + 35	2.51	4.39	—	—	2.1	6.9	8.3	630	1910	2650	8.8	8.4	8.0
		20 + 50	2.34	5.86	—	—	2.1	8.2	8.7	630	2430	3350	11.2	10.7	10.2
		20 + 60	2.05	6.15	—	—	2.1	8.2	8.7	630	2430	3350	11.2	10.7	10.2
	3 room	25 + 25	3.20	3.20	—	—	2.1	6.4	8.1	630	1700	2480	7.8	7.5	7.2
		25 + 35	3.08	4.32	—	—	2.1	7.4	8.6	630	2090	2910	9.6	9.2	8.8
		25 + 50	2.73	5.47	—	—	2.1	8.2	8.7	630	2430	3350	11.2	10.7	10.2
		25 + 60	2.41	5.79	—	—	2.1	8.2	8.7	630	2430	3350	11.2	10.7	10.2
		35 + 35	4.10	4.10	—	—	2.1	8.2	8.7	630	2430	3350	11.2	10.7	10.2
		35 + 50	3.38	4.82	—	—	2.1	8.2	8.7	630	2430	3350	11.2	10.7	10.2
		35 + 60	3.02	5.18	—	—	2.1	8.2	8.7	630	2430	3350	11.2	10.7	10.2
		50 + 50	4.10	4.10	—	—	2.1	8.2	8.7	630	2430	3350	11.2	10.7	10.2
		50 + 60	3.73	4.47	—	—	2.1	8.2	8.7	630	2430	3350	11.2	10.7	10.2
		60 + 60	4.10	4.10	—	—	2.1	8.2	8.7	630	2430	3350	11.2	10.7	10.2
	4 room	20 + 20 + 20	2.57	2.57	—	—	3.2	7.7	9.1	660	1830	3350	8.4	8.0	7.7
		20 + 20 + 25	2.46	2.46	3.08	—	3.2	8.0	9.1	660	1930	3350	8.9	8.5	8.1
		20 + 20 + 35	2.24	2.24	3.92	—	3.2	8.4	9.1	660	2060	3350	9.5	9.0	8.7
		20 + 20 + 50	1.87	4.67	—	—	3.2	8.4	9.1	660	2060	3350	9.5	9.0	8.7
		20 + 20 + 60	1.68	1.68	5.04	—	3.2	8.4	9.1	660	2060	3350	9.5	9.0	8.7
		20 + 25 + 25	2.34	2.93	2.93	—	3.2	8.2	9.1	660	1990	3350	9.1	8.7	8.4
		20 + 25 + 35	2.10	2.63	3.68	—	3.2	8.4	9.1	660	2060	3350	9.5	9.0	8.7
		20 + 25 + 50	1.77	2.21	4.42	—	3.2	8.4	9.1	660	2060	3350	9.5	9.0	8.7
		20 + 25 + 60	1.60	2.00	4.80	—	3.2	8.4	9.1	660	2060	3350	9.5	9.0	8.7
		20 + 35 + 35	1.87	3.27	3.27	—	3.2	8.4	9.1	660	2060	3350	9.5	9.0	8.7
	5 room	20 + 35 + 50	1.60	2.80	4.00	—	3.2	8.4	9.1	660	2060	3350	9.5	9.0	8.7







































# INVERTER MULTI-SPLIT SYSTEM

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	E room	F room	Min.	Standard	Max.							
4 room	25 + 25 + 35 + 60	2.33	2.33	3.26	5.59	—	—	3.6	13.5	13.8	950	3740	3920	17.0	16.3	15.6
	25 + 25 + 35 + 71	2.16	2.16	3.03	6.14	—	—	3.6	13.5	13.8	950	3740	3920	17.0	16.3	15.6
	25 + 25 + 50 + 50	2.25	2.25	4.50	4.50	—	—	3.6	13.5	13.8	950	3740	3920	17.0	16.3	15.6
	25 + 25 + 50 + 60	2.11	2.11	4.22	5.06	—	—	3.6	13.5	13.8	950	3740	3920	17.0	16.3	15.6
	25 + 25 + 50 + 71	1.97	1.97	3.95	5.61	—	—	3.6	13.5	13.8	950	3730	3920	17.0	16.2	15.6
	25 + 25 + 60 + 60	1.99	1.99	4.76	4.76	—	—	3.6	13.5	13.8	950	3730	3920	17.0	16.2	15.6
	25 + 25 + 60 + 71	1.86	1.86	4.48	5.30	—	—	3.6	13.5	13.8	950	3730	3920	17.0	16.2	15.6
	25 + 25 + 71 + 71	1.76	1.76	4.99	4.99	—	—	3.6	13.5	13.8	950	3720	3920	16.9	16.2	15.5
	25 + 35 + 35 + 35	2.60	3.63	3.63	3.63	—	—	3.6	13.5	13.8	950	3750	3920	17.1	16.3	15.6
	25 + 35 + 35 + 50	2.33	3.26	4.66	4.66	—	—	3.6	13.5	13.8	950	3740	3920	17.0	16.3	15.6
	25 + 35 + 35 + 60	2.18	3.05	3.05	5.23	—	—	3.6	13.5	13.8	950	3740	3920	17.0	16.3	15.6
	25 + 35 + 35 + 71	2.03	2.85	2.85	5.77	—	—	3.6	13.5	13.8	950	3730	3920	17.0	16.2	15.6
	25 + 35 + 50 + 50	2.11	2.95	4.22	4.22	—	—	3.6	13.5	13.8	950	3740	3920	17.0	16.3	15.6
	25 + 35 + 50 + 60	1.99	2.78	3.97	4.76	—	—	3.6	13.5	13.8	950	3730	3920	17.0	16.2	15.6
	25 + 35 + 50 + 71	1.86	2.61	3.73	5.30	—	—	3.6	13.5	13.8	950	3730	3920	17.0	16.2	15.6
	25 + 35 + 60 + 60	1.88	2.63	4.50	4.50	—	—	3.6	13.5	13.8	950	3730	3920	17.0	16.2	15.6
	25 + 35 + 60 + 71	1.77	2.47	4.24	5.02	—	—	3.6	13.5	13.8	950	3720	3920	16.9	16.2	15.5
	25 + 50 + 50 + 50	1.93	3.86	3.86	3.86	—	—	3.6	13.5	13.8	950	3730	3920	17.0	16.2	15.6
	25 + 50 + 50 + 60	1.82	3.65	3.65	4.38	—	—	3.6	13.5	13.8	950	3720	3920	16.9	16.2	15.5
	25 + 50 + 60 + 60	1.73	3.46	4.15	4.15	—	—	3.6	13.5	13.8	950	3720	3920	16.9	16.2	15.5
	35 + 35 + 35 + 35	3.38	3.38	3.38	3.38	—	—	3.6	13.5	13.8	950	3740	3920	17.0	16.3	15.6
	35 + 35 + 35 + 50	3.05	3.05	4.35	4.35	—	—	3.6	13.5	13.8	950	3740	3920	17.0	16.3	15.6
	35 + 35 + 35 + 60	2.86	2.86	4.91	4.91	—	—	3.6	13.5	13.8	950	3730	3920	17.0	16.2	15.6
	35 + 35 + 35 + 71	2.68	2.68	2.68	5.45	—	—	3.6	13.5	13.8	950	3730	3920	17.0	16.2	15.6
	35 + 35 + 50 + 50	2.78	3.97	3.97	3.97	—	—	3.6	13.5	13.8	950	3730	3920	17.0	16.2	15.6
	35 + 35 + 50 + 60	2.63	3.75	4.50	4.50	—	—	3.6	13.5	13.8	950	3730	3920	17.0	16.2	15.6
	35 + 35 + 50 + 71	2.47	3.53	5.02	5.02	—	—	3.6	13.5	13.8	950	3720	3920	16.9	16.2	15.5
	35 + 35 + 60 + 60	2.49	2.49	4.26	4.26	—	—	3.6	13.5	13.8	950	3720	3920	16.9	16.2	15.5
	35 + 50 + 50 + 50	2.55	3.65	3.65	3.65	—	—	3.6	13.5	13.8	950	3720	3920	16.9	16.2	15.5
	35 + 50 + 50 + 60	2.42	3.46	3.46	4.15	—	—	3.6	13.5	13.8	950	3720	3920	16.9	16.2	15.5
5 room	20 + 20 + 20 + 20 + 20	2.70	2.70	2.70	2.70	—	—	4.0	13.5	13.8	1050	3450	3470	15.7	15.0	14.4
	20 + 20 + 20 + 20 + 25	2.57	2.57	2.57	3.21	—	—	4.0	13.5	13.8	1050	3450	3470	15.7	15.0	14.4
	20 + 20 + 20 + 20 + 35	2.35	2.35	2.35	4.11	—	—	4.0	13.5	13.8	1050	3440	3470	15.7	15.0	14.3
	20 + 20 + 20 + 20 + 50	2.08	2.08	2.08	5.19	—	—	4.0	13.5	13.8	1050	3430	3470	15.6	14.9	14.3
	20 + 20 + 20 + 20 + 60	1.93	1.93	1.93	5.79	—	—	4.0	13.5	13.8	1050	3430	3470	15.6	14.9	14.3
	20 + 20 + 20 + 20 + 71	1.79	1.79	1.79	6.35	—	—	4.0	13.5	13.8	1050	3420	3470	15.6	14.9	14.3
	20 + 20 + 20 + 25 + 25	2.45	2.45	3.07	3.07	—	—	4.0	13.5	13.8	1050	3450	3470	15.7	15.0	14.4
	20 + 20 + 20 + 25 + 35	2.25	2.25	2.25	3.81	3.94	—	4.0	13.5	13.8	1050	3440	3470	15.7	15.0	14.3
	20 + 20 + 20 + 25 + 50	2.00	2.00	2.00	2.50	5.00	—	4.0	13.5	13.8	1050	3430	3470	15.6	14.9	14.3
	20 + 20 + 20 + 25 + 60	1.86	1.86	2.33	5.59	—	—	4.0	13.5	13.8	1050	3420	3470	15.6	14.9	14.3
	20 + 20 + 20 + 25 + 71	1.73	1.73	1.73	2.16	6.14	—	4.0	13.5	13.8	1050	3420	3470	15.6	14.9	14.3
	20 + 20 + 20 + 35 + 35	2.08	2.08	2.08	3.63	3.63	—	4.0	13.5	13.8	1050	3430	3470	15.6	14.9	14.3
	20 + 20 + 20 + 35 + 50	1.86	1.86	3.26	4.66	—	—	4.0	13.5	13.8	1050	3420	3470	15.6	14.9	14.3
	20 + 20 + 20 + 35 + 60	1.74	1.74	3.05	5.23	—	—	4.0	13.5	13.8	1050	3420	3470	15.6	14.9	14.3
	20 + 20 + 20 + 35 + 71	1.63	1.63	2.85	5.77	—	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	20 + 20 + 20 + 50 + 50	1.69	1.69	4.22	4.22	—	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	20 + 20 + 20 + 50 + 60	1.59	1.59	3.97	4.76	—	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	20 + 20 + 20 + 60 + 71	1.41	1.41	4.24	5.02	—	—	4.0	13.5	13.8	1050	3390	3470	15.4	14.8	14.1
	20 + 20 + 25 + 25 + 25	2.35	2.35	2.93	2.93	—	—	4.0	13.5	13.8	1050	3440	3470	15.7	15.0	14.3
	20 + 20 + 25 + 25 + 35	2.16	2.16	2.70	3.78	—	—	4.0	13.5	13.8	1050	3440	3470	15.7	15.0	14.3
	20 + 20 + 25 + 25 + 50	1.93	2.41	2.41	4.82	—	—	4.0	13.5	13.8	1050	3430	3470	15.6	14.9	14.3
	20 + 20 + 25 + 25 + 60	1.80	2.25	2.25	5.40	—	—	4.0	13.5	13.8	1050	3420	3470	15.6	14.9	14.3
	20 + 20 + 25 + 25 + 71	1.68	1.68	2.10	5.95	—	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	20 + 20 + 25 + 35 + 35	2.00	2.00	2.50	3.50	3.50	—	4.0	13.5	13.8	1050	3430	3470	15.6	14.9	14.3
	20 + 20 + 25 + 35 + 50	1.80	1.80	2.25	3.15	4.50	—	4.0	13.5	13.8	1050	3420	3470	15.6	14.9	14.3
	20 + 20 + 25 + 35 + 60	1.69	1.69	2.11	2.95	5.06	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	20 + 20 + 25 + 35 + 71	1.58	1.58	1.97	2.76	5.61	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	20 + 20 + 25 + 50 + 50	1.64	1.64	2.05	4.09	4.09	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	20 + 20 + 25 + 50 + 60	1.54	1.54	1.93	3.86	4.63	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	20 + 20 + 25 + 50 + 71	1.45	1.45	1.81	3.63	5.15	—	4.0	13.5	13.8	1050	3400	3470	15.5	14.8	14.2
	20 + 20 + 35 + 35 + 35	1.86	3.26	3.26	3.26	—	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	20 + 20 + 35 + 35 + 50	1.59	1.59	2.78	2.78	4.76	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	20 + 20 + 35 + 35 + 71	1.49	1.49	2.61	2.61	5.30	—	4.0	13.5	13.8	1050	3400	3470	15.5	14.8	14.2

# Combinations

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	E room	F room	Min.	Standard	Max.						
5 room	20 + 35 + 35 + 50 + 50	1.42	2.49	2.49	3.55	3.55	—	4.0	13.5	13.8	1050	3390	3470	15.4	14.8	14.1
	25 + 25 + 25 + 25 + 25	2.70	2.70	2.70	2.70	2.70	—	4.0	13.5	13.8	1050	3440	3470	15.7	15.0	14.3
	25 + 25 + 25 + 25 + 35	2.50	2.50	2.50	2.50	3.50	—	4.0	13.5	13.8	1050	3430	3470	15.6	14.9	14.3
	25 + 25 + 25 + 25 + 50	2.25	2.25	2.25	2.25	4.50	—	4.0	13.5	13.8	1050	3420	3470	15.6	14.9	14.3
	25 + 25 + 25 + 25 + 60	2.11	2.11	2.11	2.11	5.06	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	25 + 25 + 25 + 25 + 71	1.97	1.97	1.97	1.97	5.61	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	25 + 25 + 25 + 35 + 35	2.33	2.33	2.33	3.26	3.26	—	4.0	13.5	13.8	1050	3420	3470	15.6	14.9	14.3
	25 + 25 + 25 + 35 + 50	2.11	2.11	2.11	2.95	4.22	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	25 + 25 + 25 + 35 + 60	1.99	1.99	1.99	2.78	4.76	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	25 + 25 + 25 + 35 + 71	1.86	1.86	1.86	2.61	5.30	—	4.0	13.5	13.8	1050	3400	3470	15.5	14.8	14.2
	25 + 25 + 25 + 50 + 50	1.93	1.93	1.93	3.86	3.86	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	25 + 25 + 25 + 50 + 60	1.82	1.82	1.82	3.65	4.38	—	4.0	13.5	13.8	1050	3400	3470	15.5	14.8	14.2
	25 + 25 + 25 + 60 + 60	1.73	1.73	1.73	4.15	4.15	—	4.0	13.5	13.8	1050	3390	3470	15.4	14.8	14.1
	25 + 25 + 35 + 35 + 35	2.18	2.18	3.05	3.05	3.05	—	4.0	13.5	13.8	1050	3420	3470	15.6	14.9	14.3
	25 + 25 + 35 + 35 + 50	1.99	1.99	2.78	2.78	3.97	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2
	25 + 25 + 35 + 35 + 60	1.88	1.88	2.63	2.63	4.50	—	4.0	13.5	13.8	1050	3400	3470	15.5	14.8	14.2
	25 + 25 + 35 + 35 + 71	1.77	2.47	2.47	5.02	—	4.0	13.5	13.8	1050	3390	3470	15.4	14.8	14.1	
	25 + 25 + 35 + 50 + 50	1.82	1.82	2.55	3.65	3.65	—	4.0	13.5	13.8	1050	3400	3470	15.5	14.8	14.2
	25 + 25 + 35 + 50 + 60	1.73	1.73	2.42	3.46	3.46	—	4.0	13.5	13.8	1050	3390	3470	15.4	14.8	14.1
	25 + 35 + 35 + 35 + 35	2.05	2.86	2.86	2.86	2.86	—	4.0	13.5	13.8	1050	3390	3470	15.4	14.8	14.2
	25 + 35 + 35 + 35 + 50	1.88	2.63	2.63	3.75	—	4.0	13.5	13.8	1050	3400	3470	15.5	14.8	14.2	
	25 + 35 + 35 + 35 + 60	1.78	2.49	2.49	4.26	—	4.0	13.5	13.8	1050	3390	3470	15.4	14.8	14.1	
	35 + 35 + 35 + 35 + 50	2.35	2.70	2.70	2.70	—	4.0	13.5	13.8	1050	3410	3470	15.5	14.8	14.2	
	35 + 35 + 35 + 35 + 60	2.49	2.49	2.49	3.55	—	4.0	13.5	13.8	1050	3390	3470	15.4	14.8	14.1	
6 room	20 + 20 + 20 + 20 + 20 + 20	2.25	2.25	2.25	2.25	4.5	13.5	13.8	1150	3330	3420	15.2	14.5	13.9		
	20 + 20 + 20 + 20 + 20 + 25	2.16	2.16	2.16	2.16	2.70	4.5	13.5	13.8	1150	3330	3420	15.2	14.5	13.9	
	20 + 20 + 20 + 20 + 20 + 35	2.00	2.00	2.00	2.00	3.50	4.5	13.5	13.8	1150	3330	3420	15.2	14.5	13.9	
	20 + 20 + 20 + 20 + 20 + 50	1.80	1.80	1.80	1.80	4.50	4.5	13.5	13.8	1150	3320	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 20 + 60	1.69	1.69	1.69	1.69	5.06	4.5	13.5	13.8	1150	3320	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 20 + 71	1.58	1.58	1.58	1.58	5.61	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 25 + 25	2.08	2.08	2.08	2.60	2.60	4.5	13.5	13.8	1150	3330	3420	15.2	14.5	13.9	
	20 + 20 + 20 + 20 + 25 + 35	1.93	1.93	1.93	2.41	3.38	4.5	13.5	13.8	1150	3320	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 25 + 50	1.74	1.74	1.74	2.18	4.35	4.5	13.5	13.8	1150	3320	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 25 + 60	1.64	1.64	1.64	2.05	4.91	4.5	13.5	13.8	1150	3320	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 25 + 71	1.53	1.53	1.53	1.92	5.45	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 35 + 35	1.80	1.80	1.80	3.15	3.15	4.5	13.5	13.8	1150	3320	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 35 + 50	1.64	1.64	1.64	2.86	4.09	4.5	13.5	13.8	1150	3320	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 35 + 60	1.54	1.54	1.54	2.70	4.63	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 35 + 71	1.45	1.45	1.45	2.54	5.15	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 50 + 50	1.50	1.50	1.50	3.75	3.75	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 50 + 60	1.46	1.46	1.46	2.86	3.65	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 50 + 70	1.36	1.36	1.36	2.11	4.22	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 35 + 35	1.74	1.74	1.74	2.18	3.05	4.5	13.5	13.8	1150	3320	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 35 + 50	1.59	1.59	1.59	2.78	3.97	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 35 + 60	1.50	1.50	1.50	2.63	4.50	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 20 + 35 + 71	1.46	1.46	1.46	2.42	5.15	4.5	13.5	13.8	1150	3320	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 25 + 25 + 25	1.69	2.11	2.11	2.95	2.95	4.5	13.5	13.8	1150	3320	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 25 + 25 + 50	1.54	1.54	1.54	1.93	2.70	3.86	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8
	20 + 20 + 20 + 25 + 25 + 60	1.46	1.46	1.46	2.42	4.15	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 20 + 20 + 25 + 25 + 71	1.38	1.38	1.38	2.42	4.24	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 20 + 25 + 25 + 35 + 35	1.50	1.50	1.50	2.63	2.63	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 20 + 25 + 25 + 35 + 50	1.38	1.38	1.38	2.42	3.46	4.5	13.5	13.8	1150	3320	3420	15.1	14.4	13.8	
	20 + 20 + 25 + 25 + 35 + 60	1.30	1.30	1.30	2.42	3.46	4.5	13.5	13.8	1150	3320	3420	15.1	14.4	13.8	
	20 + 20 + 25 + 25 + 35 + 71	1.21	1.21	1.21	2.11	2.95	4.5	13.5	13.8	1150	3320	3420	15.1	14.4	13.8	
	20 + 25 + 25 + 25 + 25 + 50	1.93	1.93	1.93	1.93	3.86	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 25 + 25 + 25 + 25 + 60	1.82	1.82	1.82	1.82	2.55	3.65	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8
	20 + 25 + 25 + 25 + 25 + 71	1.73	1.73	1.73	1.73	2.42	4.15	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8
	20 + 25 + 25 + 25 + 35 + 35	1.88	1.88	1.88	2.63	2.63	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 25 + 25 + 25 + 35 + 50	1.73	1.73	1.73	2.42	3.46	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 25 + 25 + 25 + 35 + 60	1.78	1.78	1.78	2.49	2.49	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	
	20 + 25 + 25 + 25 + 35 + 71	1.78	1.78	1.78	2.49	2.49	4.5	13.5	13.8	1150	3310	3420	15.1	14.4	13.8	







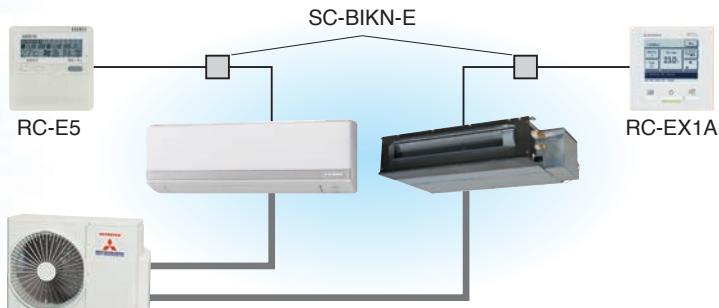
# Combinations

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	E room	F room	Min.	Standard	Max.						
Cooling operation 6 room	20 + 20 + 20 + 25 + 50 + 50	1.35	1.35	1.35	1.69	3.38	3.38	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6
	20 + 20 + 20 + 25 + 50 + 60	1.28	1.28	1.28	1.60	3.21	3.85	5.5	12.5	13.8	1280	3970	4800	18.1	17.3	16.6
	20 + 20 + 20 + 35 + 35 + 35	1.52	1.52	2.65	2.65	2.65	5.5	12.5	13.8	1280	3990	4800	18.2	17.4	16.6	
	20 + 20 + 20 + 35 + 35 + 50	1.39	1.39	2.43	2.43	3.47	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6	
	20 + 20 + 20 + 35 + 35 + 60	1.32	1.32	2.30	2.30	3.95	5.5	12.5	13.8	1280	3970	4800	18.1	17.3	16.6	
	20 + 20 + 20 + 35 + 50 + 50	1.28	1.28	2.24	3.21	3.21	5.5	12.5	13.8	1280	3970	4800	18.1	17.3	16.6	
	20 + 20 + 25 + 25 + 25 + 25	1.79	1.79	2.23	2.23	2.23	5.5	12.5	13.8	1280	4000	4800	18.2	17.4	16.7	
	20 + 20 + 25 + 25 + 25 + 35	1.67	1.67	2.08	2.08	2.92	5.5	12.5	13.8	1280	3990	4800	18.2	17.4	16.6	
	20 + 20 + 25 + 25 + 25 + 50	1.52	1.52	1.89	1.89	1.89	3.79	5.5	12.5	13.8	1280	3990	4800	18.2	17.4	16.6
	20 + 20 + 25 + 25 + 50 + 60	1.43	1.43	1.79	1.79	4.29	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6	
	20 + 20 + 25 + 25 + 25 + 71	1.34	1.34	1.68	1.68	4.77	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6	
	20 + 20 + 25 + 25 + 35 + 35	1.56	1.56	1.95	1.95	2.73	2.73	5.5	12.5	13.8	1280	3990	4800	18.2	17.4	16.6
	20 + 20 + 25 + 25 + 35 + 50	1.43	1.43	1.79	1.79	2.50	3.57	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6
	20 + 20 + 25 + 25 + 35 + 60	1.35	1.35	1.69	1.69	2.36	4.05	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6
	20 + 20 + 25 + 25 + 50 + 50	1.32	1.32	1.64	1.64	3.29	3.29	5.5	12.5	13.8	1280	3970	4800	18.1	17.3	16.6
	20 + 20 + 25 + 35 + 35 + 35	1.47	1.47	1.84	2.57	2.57	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6	
	20 + 20 + 25 + 35 + 50 + 50	1.35	1.35	1.69	2.36	2.36	3.38	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6
	20 + 20 + 25 + 35 + 60 + 60	1.28	1.28	1.60	2.24	2.24	3.85	5.5	12.5	13.8	1280	3970	4800	18.1	17.3	16.6
	20 + 20 + 35 + 35 + 35 + 35	1.39	1.39	2.43	2.43	2.43	2.43	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6
	20 + 20 + 35 + 35 + 50 + 50	1.28	1.28	2.24	2.24	2.24	3.21	5.5	12.5	13.8	1280	3970	4800	18.1	17.3	16.6
	20 + 25 + 25 + 25 + 25 + 25	1.72	2.16	2.16	2.16	2.16	5.5	12.5	13.8	1280	4000	4800	18.2	17.4	16.7	
	20 + 25 + 25 + 25 + 25 + 35	1.61	2.02	2.02	2.02	2.02	2.82	5.5	12.5	13.8	1280	3990	4800	18.2	17.4	16.6
	20 + 25 + 25 + 25 + 25 + 50	1.47	1.84	1.84	1.84	1.84	3.68	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6
	20 + 25 + 25 + 25 + 60 + 60	1.39	1.74	1.74	1.74	1.74	4.17	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6
	20 + 25 + 25 + 25 + 25 + 71	1.31	1.64	1.64	1.64	1.64	4.65	5.5	12.5	13.8	1280	3970	4800	18.1	17.3	16.6
	20 + 25 + 25 + 25 + 35 + 35	1.52	1.89	1.89	1.89	2.65	2.65	5.5	12.5	13.8	1280	3990	4800	18.2	17.4	16.6
	20 + 25 + 25 + 25 + 50 + 50	1.39	1.74	1.74	1.74	2.43	3.47	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6
	20 + 25 + 25 + 25 + 35 + 60	1.32	1.64	1.64	1.64	2.30	3.95	5.5	12.5	13.8	1280	3970	4800	18.1	17.3	16.6
	20 + 25 + 25 + 25 + 50 + 50	1.28	1.60	1.60	1.60	3.21	3.21	5.5	12.5	13.8	1280	3970	4800	18.1	17.3	16.6
	20 + 25 + 25 + 35 + 35 + 35	1.43	1.79	1.79	2.50	2.50	2.50	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6
	20 + 25 + 25 + 35 + 50 + 50	1.32	1.64	1.64	2.30	2.30	3.29	5.5	12.5	13.8	1280	3970	4800	18.1	17.3	16.6
	20 + 25 + 35 + 35 + 35 + 35	1.35	1.69	2.36	2.36	2.36	2.36	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6
	20 + 35 + 35 + 35 + 35 + 35	1.28	2.24	2.24	2.24	2.24	2.24	5.5	12.5	13.8	1280	3970	4800	18.1	17.3	16.6
	25 + 25 + 25 + 25 + 25 + 25	2.08	2.08	2.08	2.08	2.08	2.08	5.5	12.5	13.8	1280	3990	4800	18.2	17.4	16.6
	25 + 25 + 25 + 25 + 25 + 35	1.95	1.95	1.95	1.95	1.95	2.73	5.5	12.5	13.8	1280	3990	4800	18.2	17.4	16.6
	25 + 25 + 25 + 25 + 25 + 50	1.79	1.79	1.79	1.79	1.79	3.57	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6
	25 + 25 + 25 + 25 + 25 + 60	1.69	1.69	1.69	1.69	1.69	4.05	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6
	25 + 25 + 25 + 25 + 35 + 35	1.84	1.84	1.84	1.84	2.57	2.57	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6
	25 + 25 + 25 + 25 + 50 + 50	1.69	1.69	1.69	1.69	2.36	3.38	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6
	25 + 25 + 25 + 25 + 35 + 60	1.60	1.60	1.60	1.60	2.24	3.85	5.5	12.5	13.8	1280	3970	4800	18.1	17.3	16.6
	25 + 25 + 25 + 35 + 35 + 35	1.74	1.74	1.74	2.43	2.43	2.43	5.5	12.5	13.8	1280	3980	4800	18.1	17.3	16.6
	25 + 25 + 25 + 35 + 50 + 50	1.60	1.60	1.60	2.24	3.21	5.5	12.5	13.8	1280	3970	4800	18.1	17.3	16.6	
	25 + 25 + 35 + 35 + 35 + 35	1.64	1.64	2.30	2.30	2.30	2.30	5.5	12.5	13.8	1280	3970	4800	18.1	17.3	16.6

# Control option

## Wired remote control can be connected

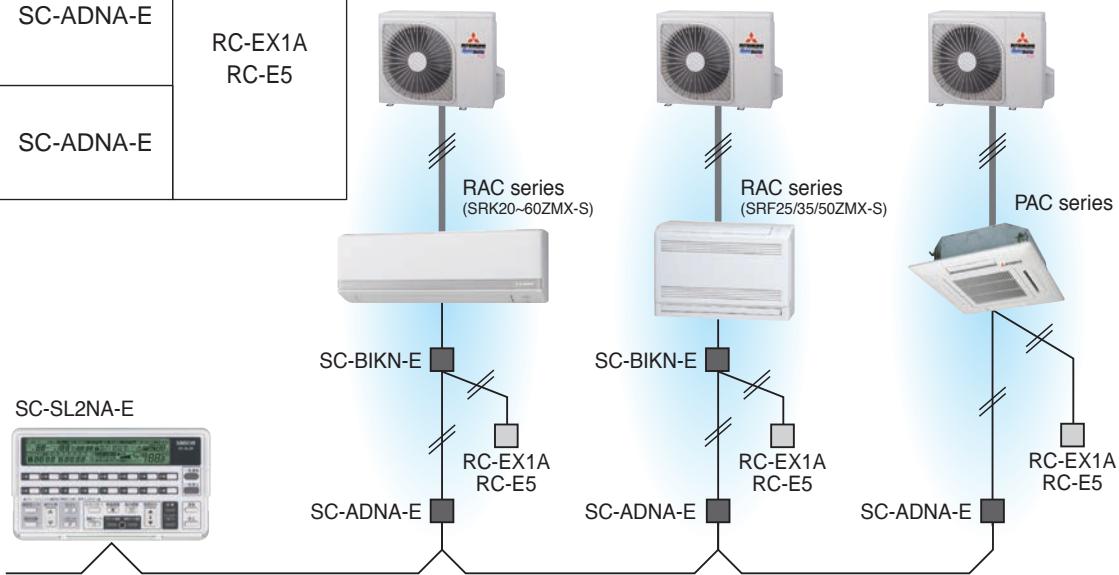
Model	Interface	Remote Control
SRK63/71HE-S1	not required	RC-E1R
SRK20~60ZMX-S SRK63/71/80ZR-S SRK20~50ZM-S SRF25/35/50ZMX-S SRR25/35/50/60ZM-S	SC-BIKN-E	RC-EX1A RC-E5
FDTC25~60VF ✪ FDUM50VF FDEN50VF	not required	



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

## Can be connected to SUPERLINK-II

Model	Interface	Remote Control
SRK20~60ZMX-S SRK63/71/80ZR-S SRK20~50ZM-S SRF25/35/50ZMX-S SRR25/35/50/60ZM-S	SC-BIKN-E SC-ADNA-E	RC-EX1A RC-E5
FDTC25~60VF FDUM50VF FDEN50VF	SC-ADNA-E	



## External switch connection CnT

All indoor units are equipped with an additional connection point - CnT - to connect indoor units to an external ON/OFF switch; e.g. time clock, fire alarm, etc.

Model	Interface
SRK63/71HE-S1 FDTC25~60VF FDUM50VF FDEN50VF	not required
SRK20~60ZMX-S SRK63/71/80ZR-S SRK20~50ZM-S SRF25/35/50ZMX-S SRR25/35/50/60ZM-S	SC-BIKN-E



Remote surveillance system



Card key on-off



Humidifier linkage

# For EU/EEA area only

Based on European regulations listed below, please refer the following specification table.

No.626/2011 of 4 May 2011: energy labeling of air-conditioners (below cooling capacity 12kW)

No.206/2012 of 6 March 2012: requirement for air-conditioners and comfort fans

Indoor unit	SRK20ZMX-S	SRK25ZMX-S	SRK35ZMX-S	SRK50ZMX-S	SRK60ZMX-S	SRK63ZR-S	SRK71ZR-S	SRK80ZR-S
Outdoor unit	SRC20ZMX-S	SRC25ZMX-S	SRC35ZMX-S	SRC50ZMX-S	SRC60ZMX-S	SRC63ZR-S	SRC71ZR-S	SRC80ZR-S
Energy class (cooling/heating)	A++/A+	A++/A+	A++/A+	A++/A++	A+/A+	A++/A++	A++/A+	A++/A+
SEER	7.40	7.60	7.20	6.70	6.00	7.60	7.20	6.60
SCOP (Average climate)	4.13	4.26	4.27	4.60	4.36	4.70	4.50	4.40
Pdesignc	kW	2.00	2.55	3.50	5.00	6.10	6.30	7.10
Pdesignh (@-10°C)	kW	2.70	2.90	3.30	5.30	6.10	5.40	6.60
Annual electricity consumption (cooling/heating)	kWh/a	95/915	118/954	171/1082	262/1614	356/1960	291/1610	346/2055
Refrigerant (GWP)					R410A (1975)			
Designated heating season					Average			

Indoor unit	SRK20ZM-S	SRK25ZM-S	SRK35ZM-S	SRK50ZM-S	SRK25ZMP-S	SRK35ZMP-S	SRK45ZMP-S
Outdoor unit	SRC20ZM-S	SRC25ZM-S	SRC35ZM-S	SRC50ZM-S	SRC25ZMP-S	SRC35ZMP-S	SRC45ZMP-S
Energy class (cooling/heating)	A++/A+	A++/A+	A++/A+	A++/A+	A/A	A++/A+	A/A
SEER	7.00	7.10	7.10	6.30	5.50	6.15	5.38
SCOP (Average climate)	4.05	4.16	4.17	4.20	3.82	4.00	3.81
Pdesignc	kW	2.00	2.50	3.50	5.00	2.50	3.20
Pdesignh (@-10°C)	kW	2.80	2.90	3.20	4.70	2.80	3.00
Annual electricity consumption (cooling/heating)	kWh/a	101/968	124/977	173/1074	278/1568	160/1027	183/1052
Refrigerant (GWP)					R410A (1975)		
Designated heating season					Average		

Indoor unit	SRF25ZMX-S	SRF35ZMX-S	SRF50ZMX-S	SRR25ZM-S	SRR35ZM-S
Outdoor unit	SRC25ZMX-S	SRC35ZMX-S	SRC50ZMX-S	SRC25ZMX-S	SRC35ZMX-S
Energy class (cooling/heating)	A++/A+	A++/A+	A+/A+	A++/A	A++/A+
SEER	6.90	6.67	6.01	6.43	6.31
SCOP (Average climate)	4.12	4.25	4.19	4.08	4.02
Pdesignc	kW	2.50	3.50	5.00	2.50
Pdesignh (@-10°C)	kW	3.10	3.50	5.20	3.30
Annual electricity consumption (cooling/heating)	kWh/a	127/1053	184/1153	292/1736	136/1133
Refrigerant (GWP)				R410A (1975)	
Designated heating season				Average	

Indoor unit	FDTC25VF	FDTC35VF	FDTC40VF	FDTC50VF	FDTC60VF
Outdoor unit	SRC25ZMX-S	SRC35ZMX-S	SRC40ZMX-S	SRC50ZMX-S	SRC60ZMX-S
Energy class (cooling/heating)	A++/A+	A++/A+	A++/A	A+/A	A+/A
SEER	6.10	6.12	6.49	5.99	5.74
SCOP (Average climate)	4.13	4.15	3.96	3.85	3.81
Pdesignc	kW	2.55	3.60	4.00	5.00
Pdesignh (@-10°C)	kW	3.10	3.60	4.00	4.80
Annual electricity consumption (cooling/heating)	kWh/a	147/1050	207/1215	216/1415	293/1744
Refrigerant (GWP)				R410A (1975)	
Designated heating season				Average	

## Inverter Multi-split System

Indoor unit	SRK20ZMX-S x 2	SRK20ZMX-S +SRK25ZMX-S	SRK20ZMX-S x 3	SRK20ZMX-S x 3	SRK20ZMX-S x 4	SRK20ZMX-S x 4	SRK20ZMX-S x 5
Outdoor unit	SCM40ZM-S	SCM45ZM-S	SCM50ZM-S	SCM60ZM-S	SCM71ZM-S	SCM80ZM-S	SCM100ZM-S
Energy class (cooling/heating)	A+/A+	A+/A+	A++/A	A++/A+	A++/A	A++/A	A/A+
SEER	5.92	5.98	6.62	6.55	6.41	6.29	5.10
SCOP (Average climate)	4.05	4.03	3.95	4.01	3.81	3.81	4.02
Pdesignc	kW	4.00	4.50	5.00	6.00	7.10	8.00
Pdesignh (@-10°C)	kW	5.20	5.80	5.90	7.10	7.30	7.50
Annual electricity consumption (cooling/heating)	kWh/a	237/1798	264/2014	265/2091	321/2480	388/2682	446/2755
Refrigerant (GWP)					R410A (1975)		
Designated heating season					Average		

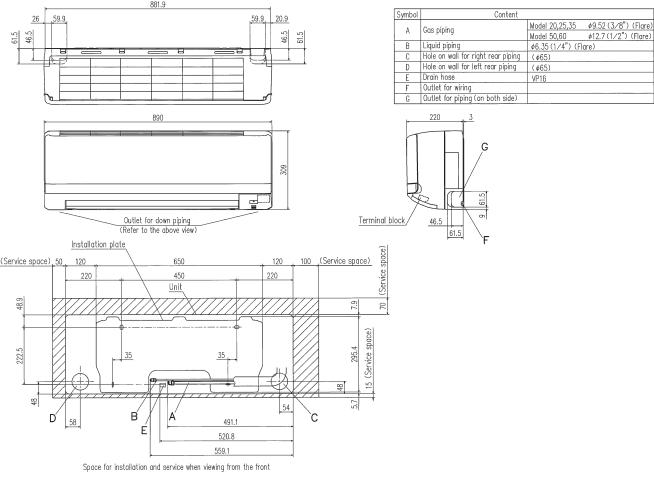
R410A refrigerant contained in the products is a fluorinated greenhouse gas listed in Regulation (EU) No 517/2014.

# Dimensions

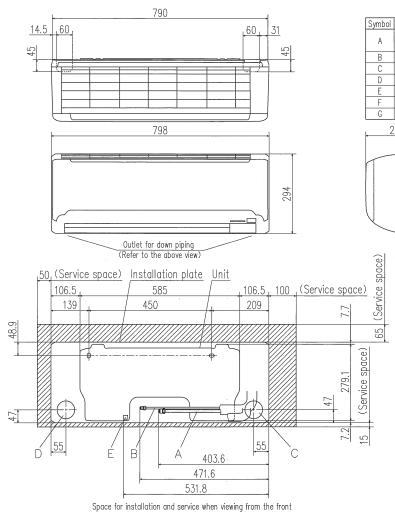
## INDOOR UNIT

### Wall Mounted type

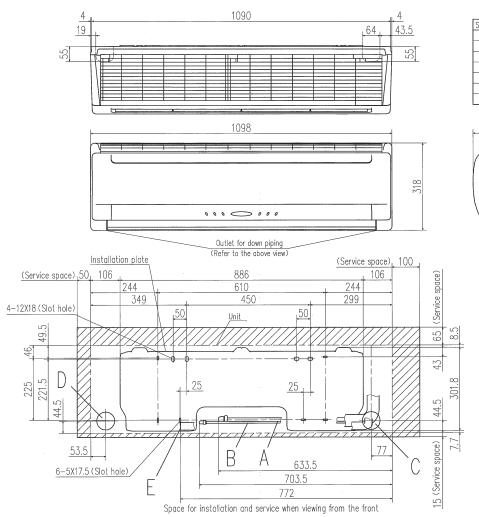
**SRK20ZMX-S SRK25ZMX-S SRK35ZMX-S  
SRK50ZMX-S SRK60ZMX-S**



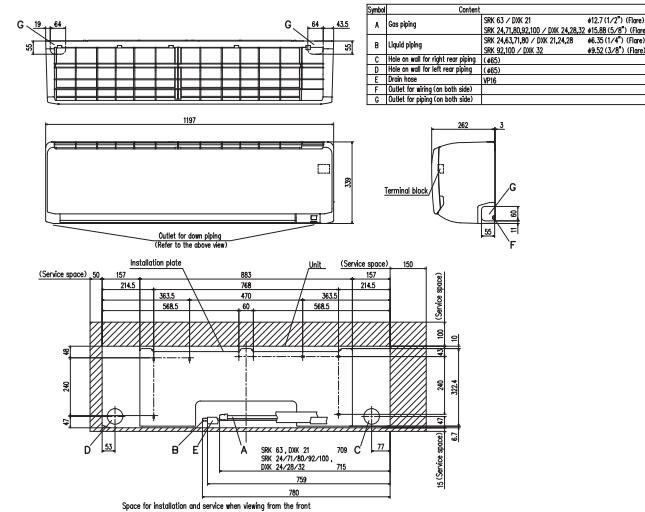
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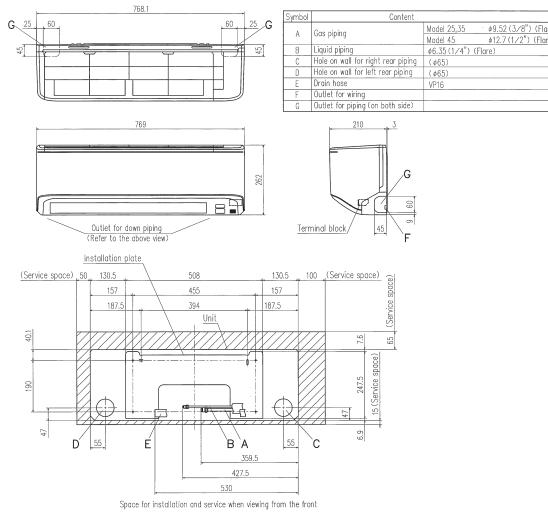
**SRK63HE-S1 SRK71HE-S1**



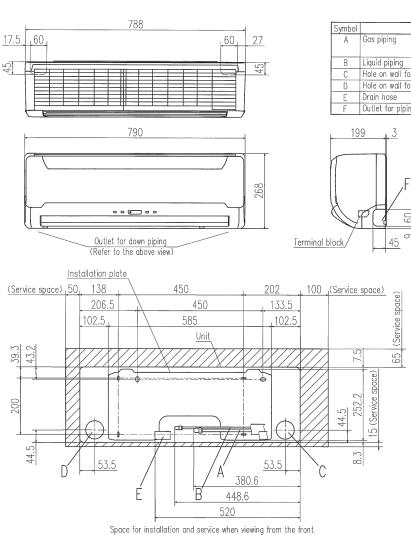
**SRK63ZR-S SRK71ZR-S SRK80ZR-S**



**SRK25ZMP-S SRK35ZMP-S SRK45ZMP-S**



**SRK20HG-S SRK28HG-S SRK40HG-S**

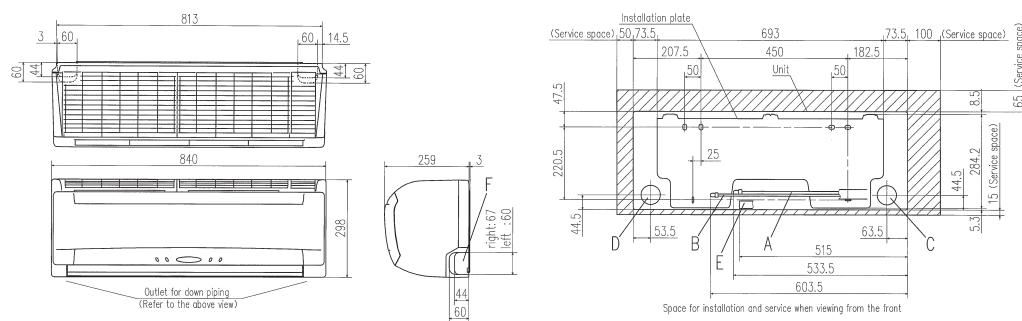


# INDOOR UNIT

Unit: mm

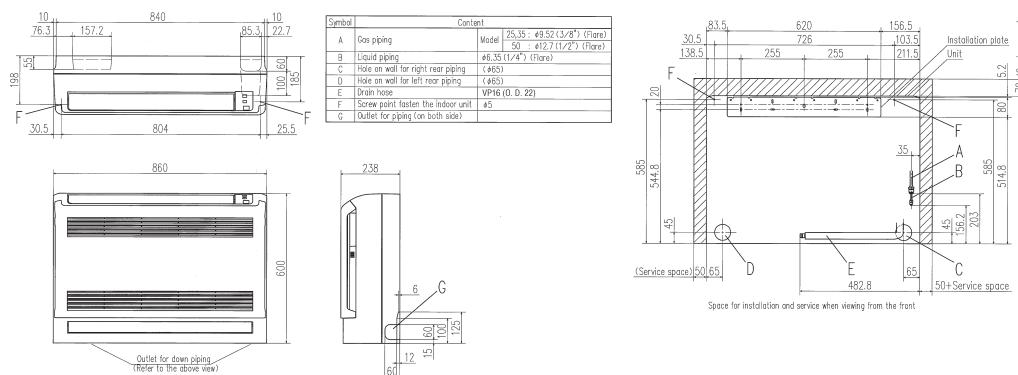
## Wall Mounted type

SRK50HE-S1 SRK56HE-S1



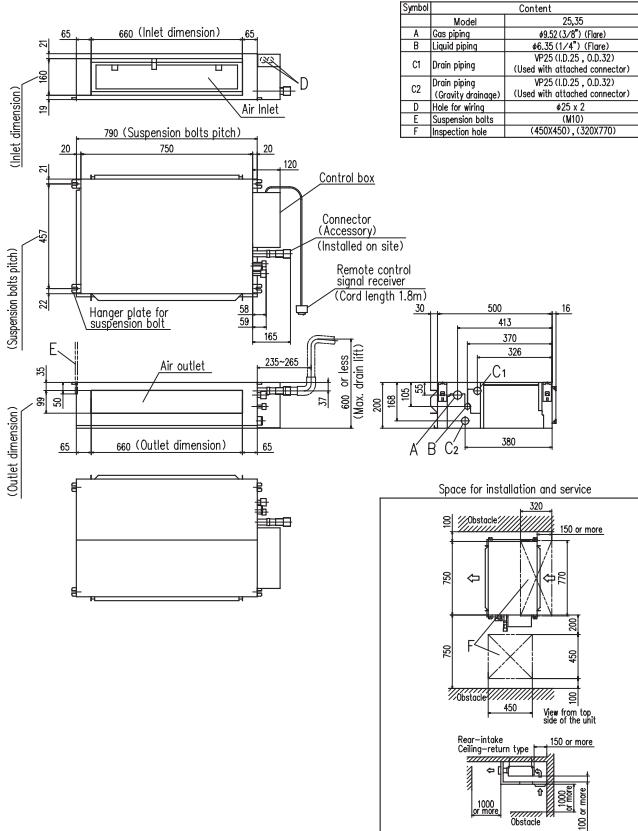
## Floor Standing type

SRF25ZMX-S SRF35ZMX-S SRF50ZMX-S

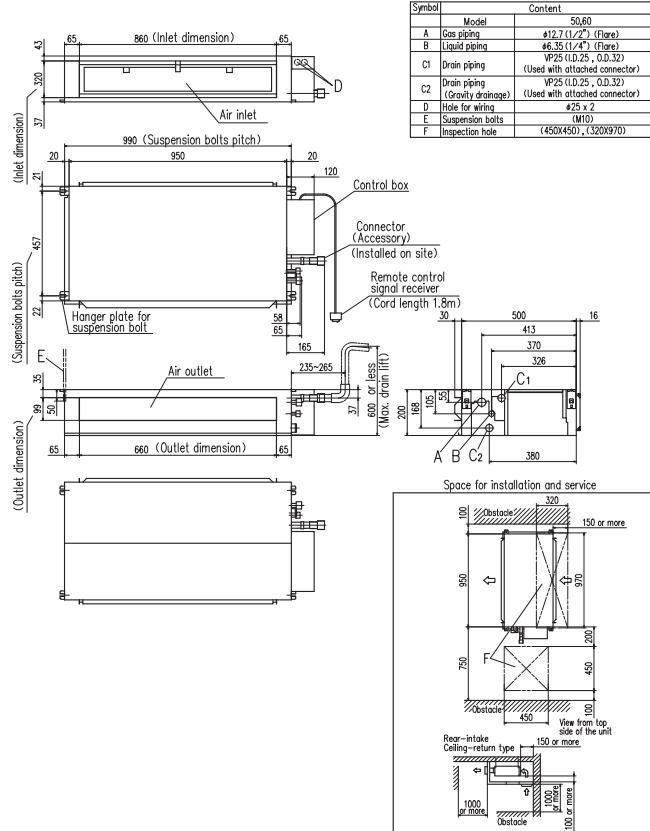


## Ceiling Concealed

SRR25ZM-S SRR35ZM-S



## SRR50ZM-S SRR60ZM-S



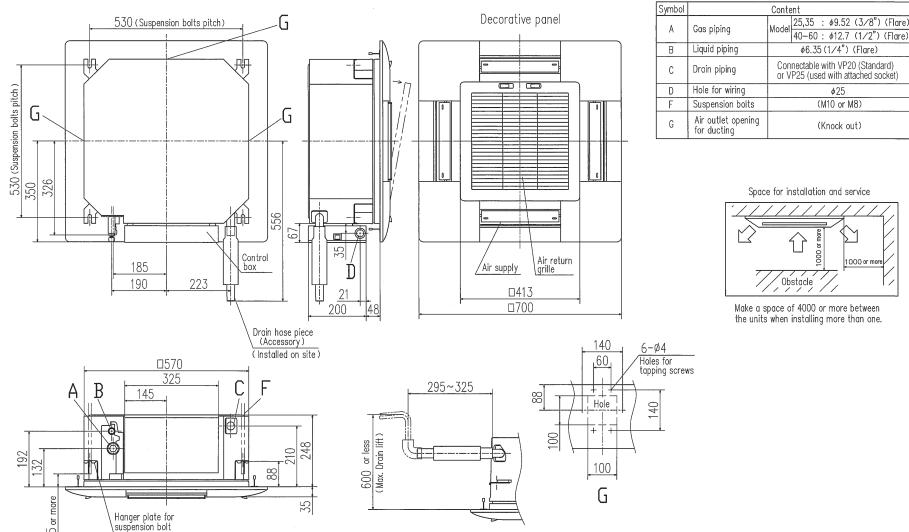
# Dimensions

## INDOOR UNIT

### 4way Ceiling Cassette type

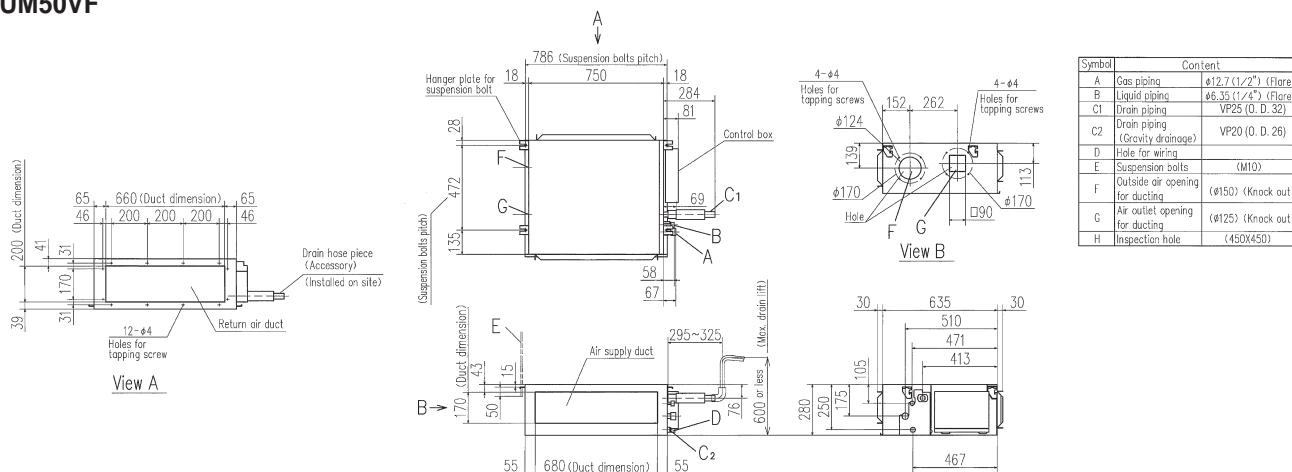
FDT25VF FDT35VF FDT40VF FDT50VF FDT60VF

Unit: mm



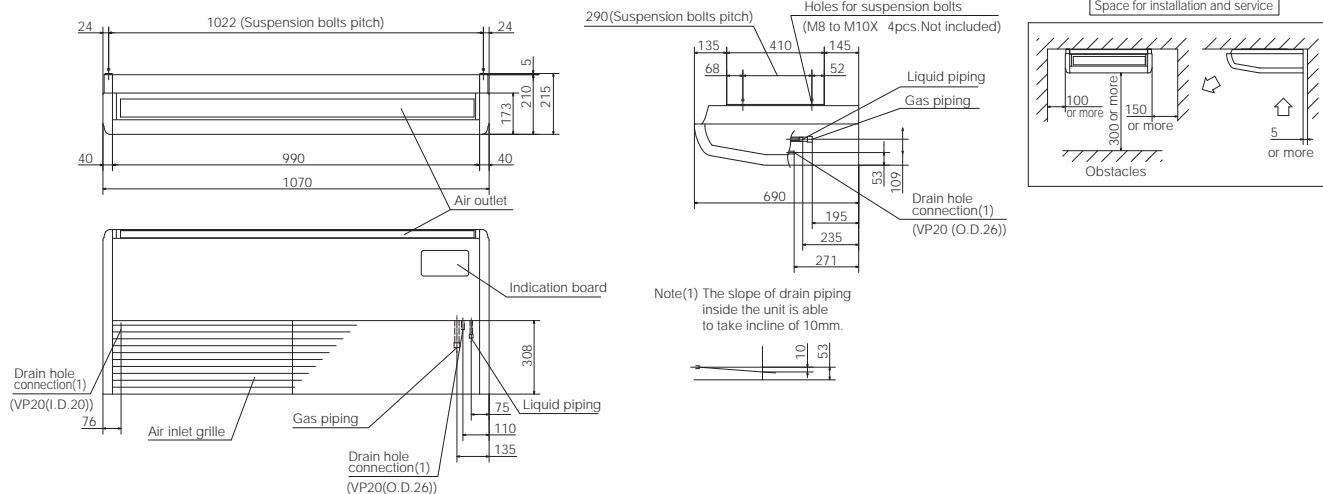
### Duct Connected-Low/Middle Static Pressure-

FDUM50VF



### Ceiling Suspended

FDEN50VF

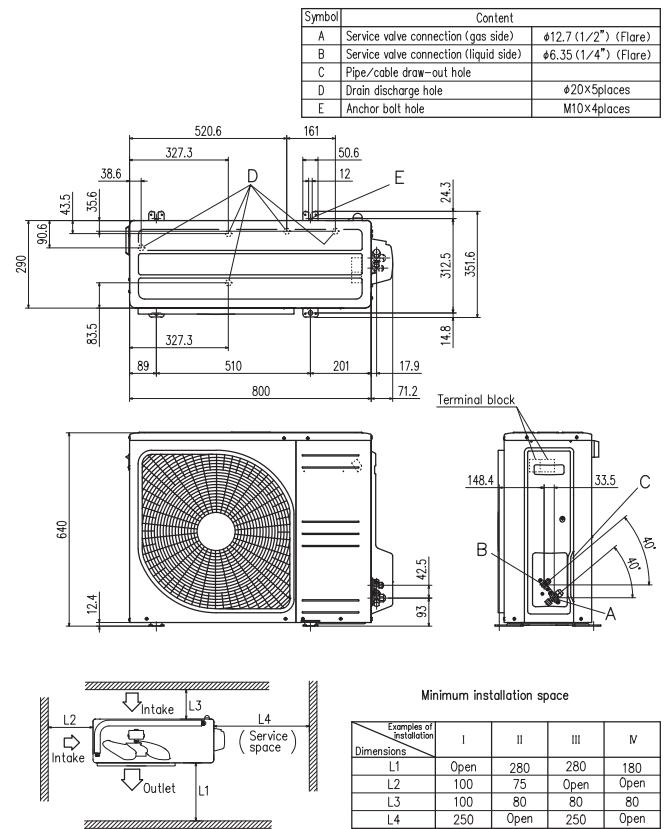
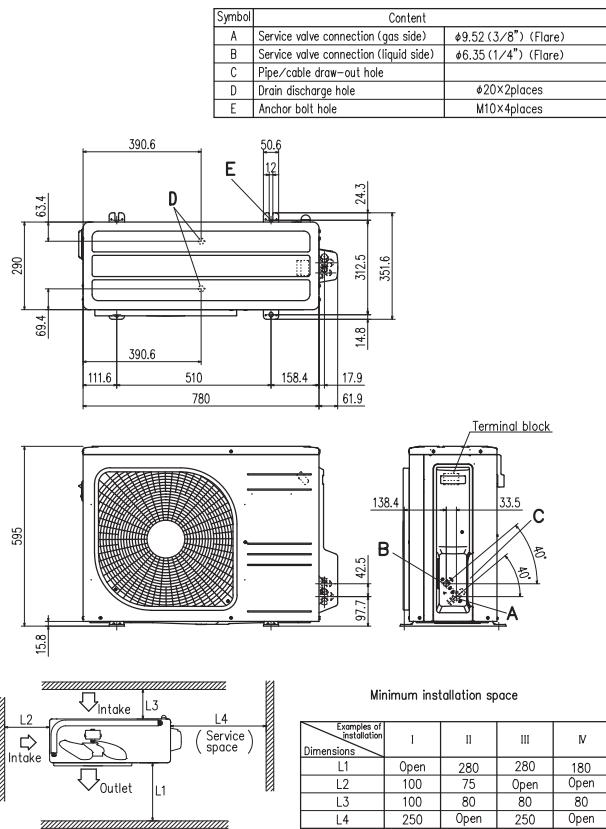


# OUTDOOR UNIT

SRC20ZMX-S SRC25ZMX-S  
SRC35ZMX-S SRC45ZMP-S

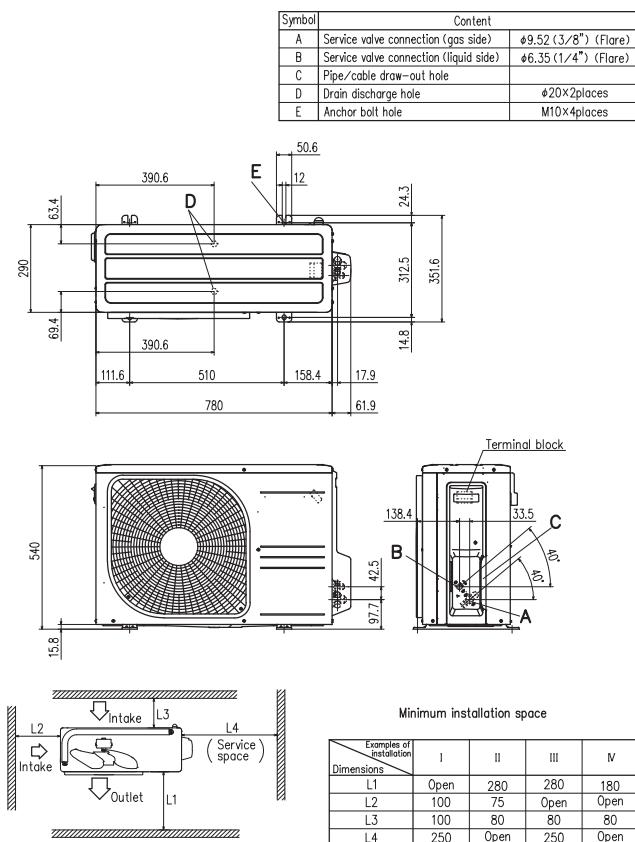
Unit: mm

SRC40ZMX-S SRC50ZMX-S SRC60ZMX-S  
SRC50ZM-S SRC63ZR-S

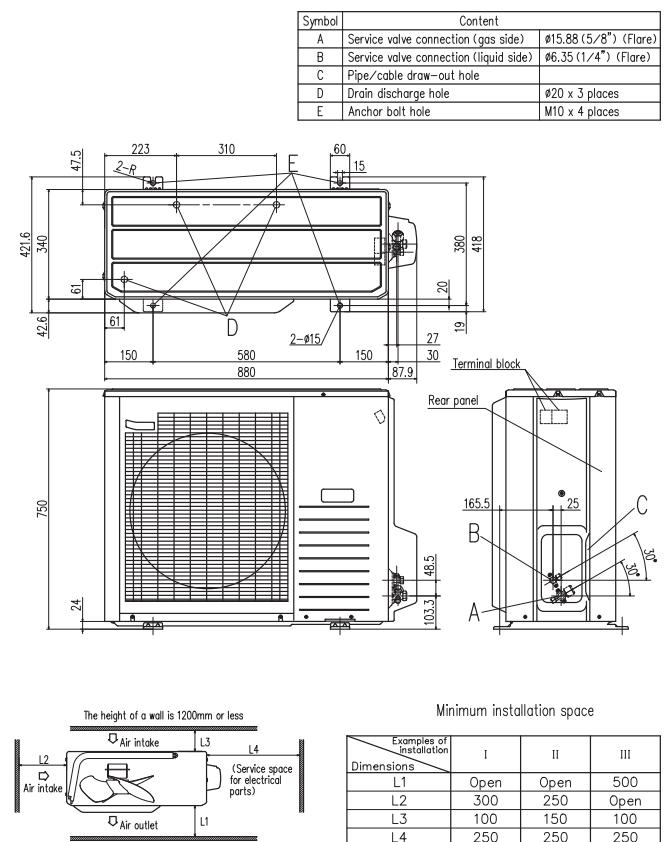


SRC20ZM-S SRC25ZM-S SRC35ZM-S

mm



SRC71ZR-S

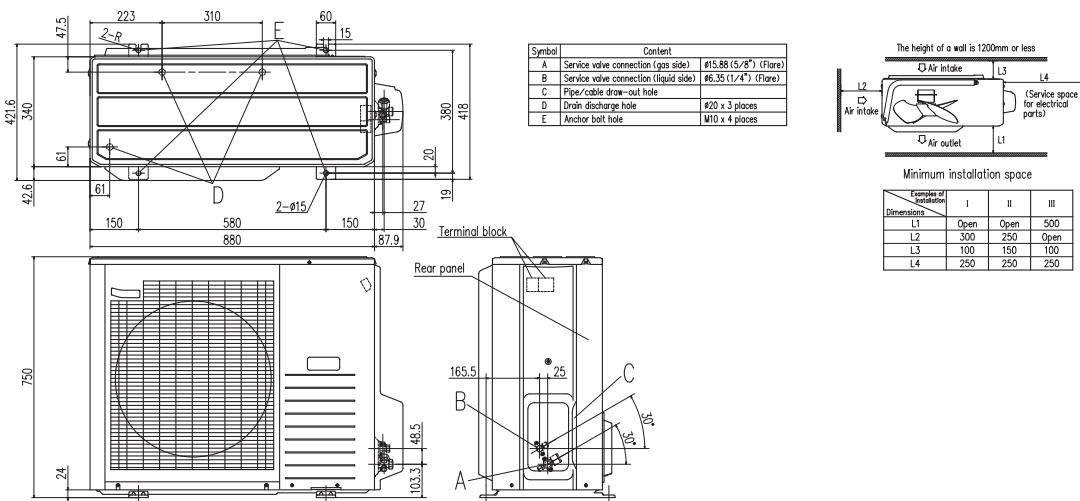


# Dimensions

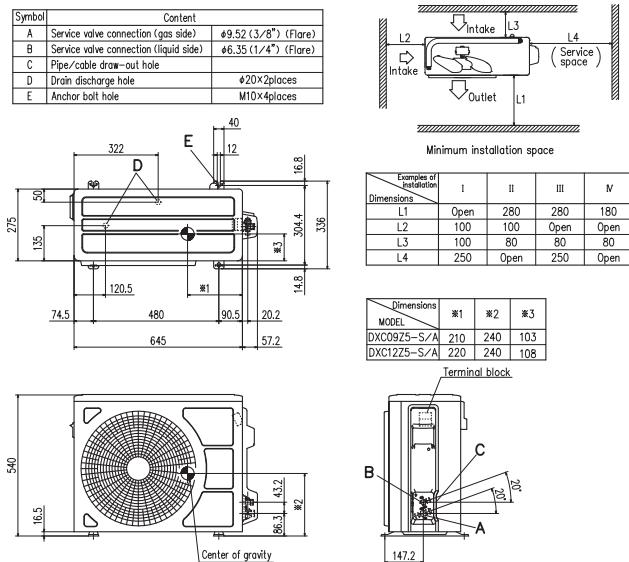
## OUTDOOR UNIT

SRC80ZR-S

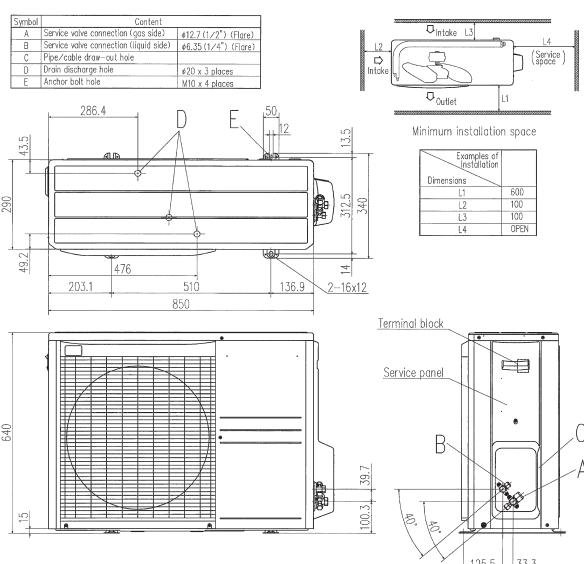
Unit: mm



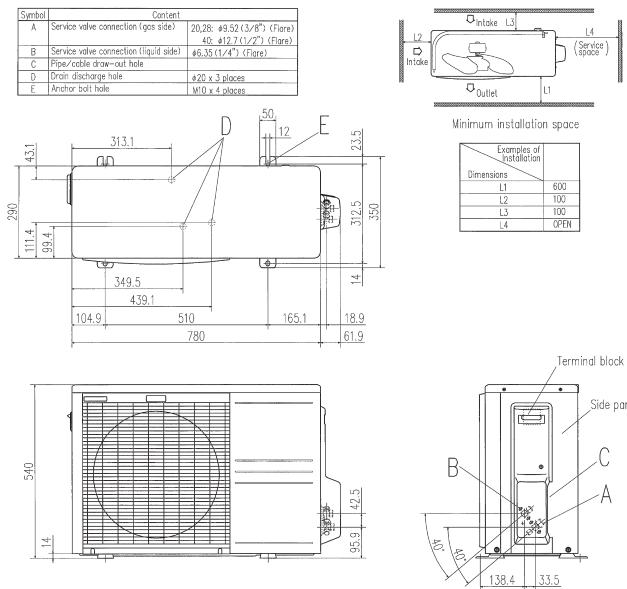
SRC25ZMP-S SRC35ZMP-S



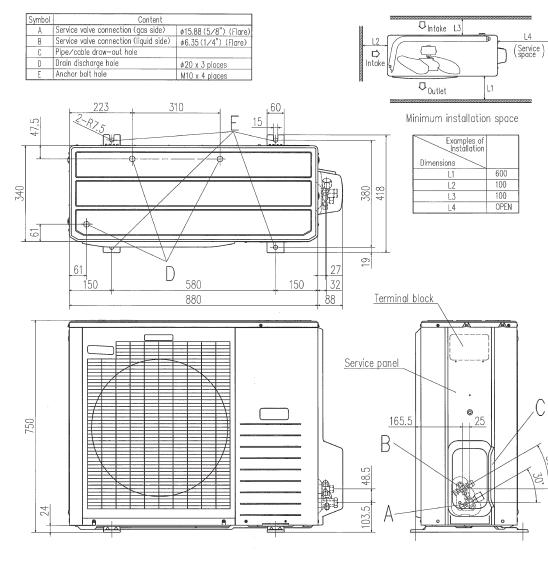
SRC50HE-S1 SRC56HE-S1 SRC63HE-S1



SRC20HG-S SRC28HG-S SRC40HG-S

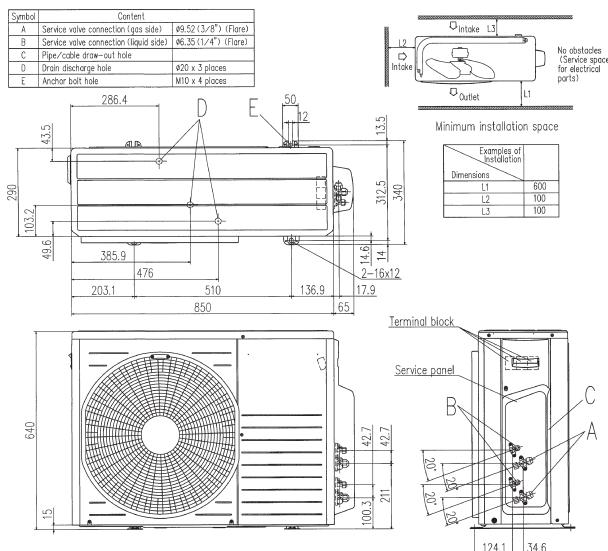


SRC71HE-S1

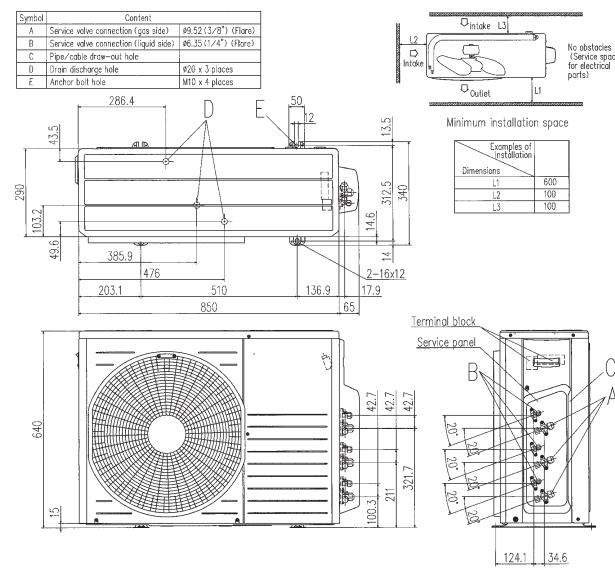


# OUTDOOR UNIT

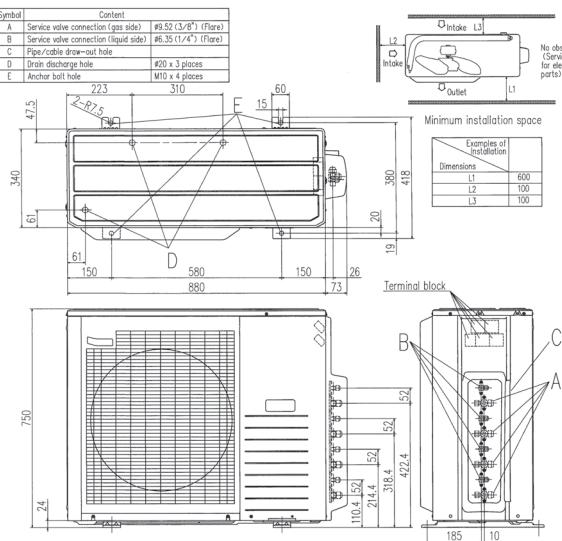
**SCM40ZM-S SCM45ZM-S**



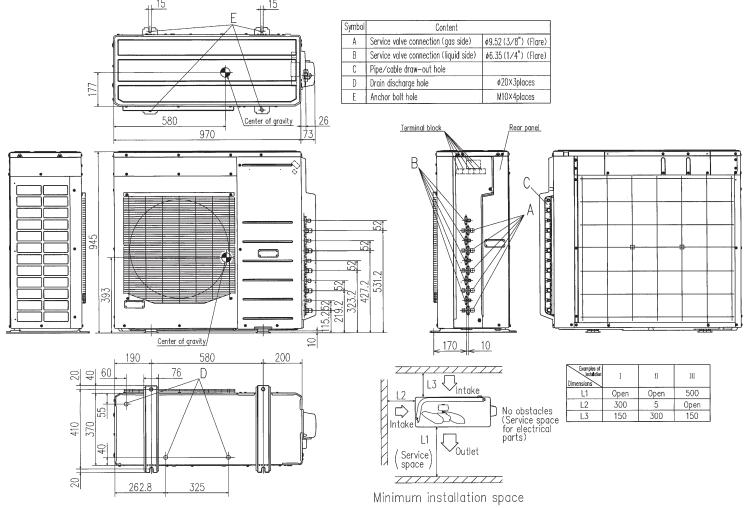
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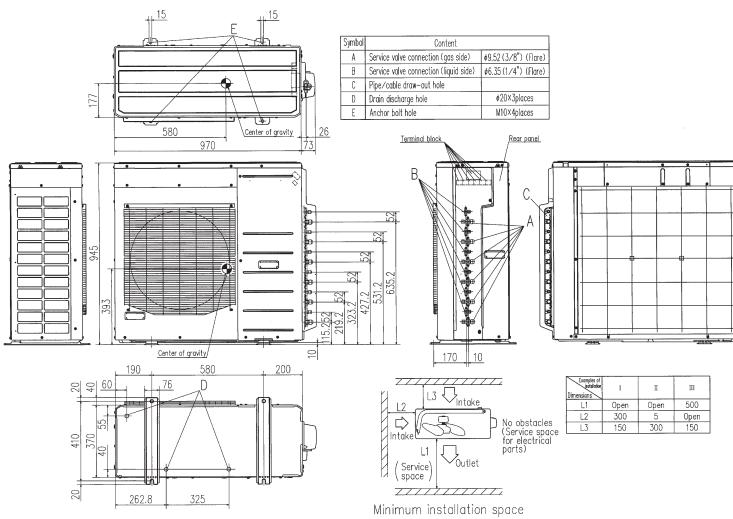
**SCM71ZM-S SCM80ZM-S**



**SCM100ZM-S**



**SCM125ZM-S**



## Before starting use

### Heating performance

The heating performance values (kW) described in catalogue 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 an atmosphere where oil scatters or builds up, such as in a kitchen or machine factory.

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

### Use in acidic or alkaline atmosphere

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

### Use in places with high ceilings

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

### Refrigerant leakage

The refrigerant (R410A) used for 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.



Mitsubishi Heavy Industries, Ltd.  
Air-Conditioning & Refrigeration Division  
Machinery Equipment & Infrastructure  
16-5, Konan 2-chome, Minato-ku, Tokyo, 108-8215 Japan  
<http://www.mhi.co.jp>

### Our factories are ISO9001 and ISO14001 certified.

#### Certified ISO 9001



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

#### Certified ISO 14001



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



BIWAJIMA PLANT  
Mitsubishi Heavy Industries, Ltd.  
Air-conditioning & Refrigeration Systems Headquarters  
Certificate Number : 19KA00922



MITSUBISHI HEAVY INDUSTRIES-  
MAHAJAK AIR CONDITIONERS CO., LTD.  
Certificate Number : 04104 1998 0813 E5



(COMPANY) participates in the ECC  
programme for VRF PROGRAMME.  
Check company website for certificate:  
[www.eurovent-certification.com](http://www.eurovent-certification.com) or  
[www.certifish.com](http://www.certifish.com)



Not on  
HG/HF models