

# INVERTER HEAT PUMP MODEL

# SRF-ZMX

Floor Standing type



Standard equipment

SRC25ZMX-S, SRC35ZMX-S

SRC50ZMX-S

**NEW**

SRF25ZMX-S, SRF35ZMX-S, SRF50ZMX-S

**Single Multi**

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



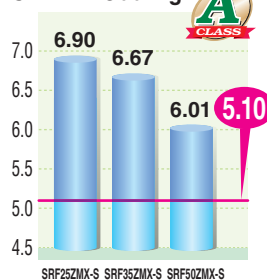
#### Maintenance & Prevention Functions



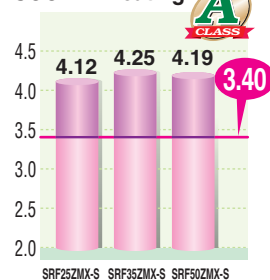
#### Others



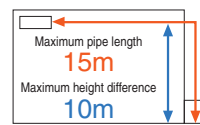
#### SEER in Cooling



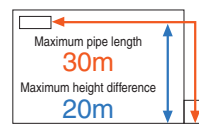
#### SCOP in Heating



#### Refrigerant pipe length



SRF25ZMX-S, SRF35ZMX-S



SRF50ZMX-S

### SPECIFICATIONS

Indoor unit				SRF25ZMX-S	SRF35ZMX-S	SRF50ZMX-S	
Outdoor unit				SRC25ZMX-S	SRC35ZMX-S	SRF50ZMX-S	
Power source				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	kW	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	5.2 / 4.9 / 4.7	7.1 / 6.8 / 6.5	
Max. running current				8	8	15	
* Sound power level	Indoor	Cooling/Heating		51 / 51	52 / 52	58 / 58	
	Outdoor	Cooling/Heating	60 / 60	63 / 62	63 / 62		
* Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)	dB(A)	40 / 32 / 29 / 26	41 / 34 / 32 / 28	46 / 42 / 35 / 32	
		Heating (Hi/Me/Lo/Ulo)		40 / 35 / 33 / 28	41 / 36 / 35 / 31	47 / 41 / 39 / 33	
	Outdoor	Cooling/Heating		47 / 47	50 / 50	52 / 51	
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)		m³/min	9.0 / 7.6 / 6.7 / 5.8	9.2 / 7.8 / 7.3 / 6.4	11.5 / 9.6 / 7.4 / 6.6
		Heating (Hi/Me/Lo/Ulo)			10.5 / 8.2 / 7.7 / 6.6	10.7 / 8.3 / 8.1 / 7.4	12.0 / 10.0 / 9.4 / 7.6
	Outdoor	Cooling/Heating			29.5 / 27.0	32.5 / 29.5	39.0 / 33.0
Exterior dimensions	Indoor	HeightxWidthxDepth	mm		600 x 860 x 238		
	Outdoor				595 x 780(+62) x 290		
Net weight		Indoor / Outdoor	kg		18 / 35	19 / 35	640 x 800(+71) x 290 19 / 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			
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				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.

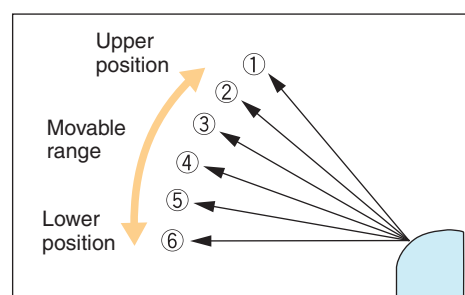
In case both outlets operation with Auto fan speed mode is selected, the upper outlet will be kept for ten minutes after the start or until room temperature is close to reaching the setting point. And then the air outlet will change to both outlets in order to spread comfort air to every corner.



## Flap control system

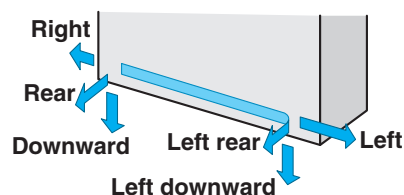
Selection of position is possible. A flap can be set at different angles.

\*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.

