



## SINGLE-SPLIT FLOOR STANDING TYPE

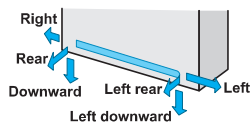
# SRF-ZS/ZSX

### Auto air outlet selection

In case both lower and upper air outlets can be selected.

### Installation workability

Piping and drain hose connection can be selected out of 6-directions.



Wireless remote control



SRC25ZS-W2, SRC35ZS-W2



SRC50ZSX-W2,-W3



SRF25ZS-W, SRF35ZS-W, SRF50ZSX-W



### KEY FEATURES

- The elegant semi flat front panel in stylish white, fit various kinds of rooms and create relaxing atmosphere
- Choice from wall hanging, floor standing or behind gallery installation is available
- Low Global Warming Potential (GWP) and High energy efficiency by new refrigerant R32
- Quiet Operation. The level of 25ZS-W in the cooling Ulo mode is only 25dB(A)
- The "flap control system" allows users to change flap angles and positions according to their preference. Flaps can be set at different angles
- Allergen clear filter is equipped as a default

### SPECIFICATIONS

Indoor unit			SRF25ZS-W	SRF35ZS-W	SRF50ZSX-W	
Outdoor unit			SRC25ZS-W2	SRC35ZS-W2	SRC50ZSX-W2,-W3	
Power source			1 Phase, 220 - 240V, 50Hz			
Nominal cooling capacity (Min~Max)		kW	2.5 (0.9~3.1)	3.5 (0.9~4.1)	5.0 (1.1~5.6)	
Nominal heating capacity (Min~Max)		kW	2.9 (0.8~3.7)	4.5 (0.8~5.2)	6.0 (0.8~7.4)	
Power consumption		kW	Cooling/Heating 0.59 / 0.66	0.82 / 1.12	1.32 / 1.58	
EER/COP			Cooling/Heating 4.24 / 4.39	4.27 / 4.02	3.79 / 3.80	
Max. running current		A	9	9	9	
Sound power level	Indoor	Cooling/Heating	50 / 51	51 / 52	58 / 58	
	Outdoor	Cooling/Heating	59 / 60	63 / 64	63 / 62	
Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)	38 / 32 / 29 / 25	40 / 35 / 33 / 29	46 / 38 / 33 / 28	
		Heating (Hi/Me/Lo/Ulo)	39 / 35 / 33 / 29	41 / 36 / 35 / 33	46 / 41 / 38 / 32	
	Outdoor	Cooling/Heating	45 / 47	50 / 51	51 / 51	
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	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	27.4 / 27.4	31.5 / 31.5	39.0 / 33.0	
Exterior dimensions	Indoor	HeightxWidthxDepth	600 x 860 x 238			
	Outdoor		540 x 780(+62) x 290		640 x 800(+71) x 290	
Net weight		Indoor / Outdoor	kg	18.0 / 31.0	19.0 / 34.5	19.0 / 45.0
Refrigerant		Type/GWP		R32 / 675		
		Charge	kg/TCO <sub>2</sub> Eq	0.62/0.419	0.78/0.527	1.30 / 0.878
Refrigerant piping size		Liquid/Gas	ø mm	6.35(1/4") / 9.52(3/8")		
Refrigerant line (one way) length[chargeless length]		m	Max. 20 [10]	Max. 20 [15]		
Vertical height differences		Outdoor is higher/lower	m	Max. 10 / Max. 10		
Outdoor operating temperature range		Cooling	°CDB	-15~46		
		Heating		-15~24		
Clean filter				Allergen Clear Filter x 1 Photocatalytic Washable Deodorising Filter x 1		

\* The data are measured under the following conditions(ISO-T1, H1). 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.

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

\* 'tonne(s) of CO<sub>2</sub> equivalent' means a quantity of greenhouse gases- expressed as the product of the weight of the greenhouse gases in metric tonnes and of their global warming potential.

# FUNCTIONS

## Energy saving



### Fuzzy Auto Mode

Using fuzzy logic algorithms, the unit determines the operating mode and temperature settings automatically and adjusts the inverter frequency.



### Motion Sensor

This sensor detects human activity and shifts the temperature setting according to the amount of activity in the room.



### Eco Operation

Room temperature and humidity are monitored using a sensor to automatically control the operation. In tandem with the motion sensor, the system enables an energy saving mode while maintaining comfort.



### Auto Off

Stops the operation automatically when there is no activity detected in the room for a certain period.



### Economy Mode

The unit will operate in energy saving mode in order to avoid excessive heating and cooling.

## Air flow



### Jet Air Technology

Air flow is regulated using the same blade technology as that in jet engines which produces a powerful yet efficient air flow.



### 3D Auto

This one touch program will activate the three independent motors to evenly distribute air flow and create optimum heating and cooling conditions.



### Auto Flap Mode

Depending on the operating mode, the unit will automatically set the position of the louvers at the optimal angle.



### Memory Louver

While the louver is swinging it can be stopped at any angle. On the next start-up the louver returns to the same position that it was when the operation last stopped.



### Vertical Auto Swing

Louvers swing up and down continuously and can be set at a fixed angle.



### Horizontal Auto Swing

Louvers swing right and left continuously and can be set at a fixed angle.



### Draft Prevention Setting

Draft Prevention setting provides a comfortable air flow without any draft feeling. Whether cooling or heating a room, the remote control can be used to instantly suppress any warm or cool drafts. This accurately assists how air flow is directed out of the indoor unit.

## Clean Operation & Filter



### Allergen Clear Operation

The system is equipped to suppress the influence of the allergens caught by the Allergen Clear Filter by controlling the temperature and humidity. Enzymes are used to suppress the influence of the allergens caught during everyday operation.



### Self-Clean Operation

Self clean mode dries the indoor unit and filter, preventing the growth of mould. This runs for 2 hours after the unit has been switched off.



### Allergen Clear Filter

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



### Photocatalytic Washable Deodorising Filter

This easy to clean filter that catches airborne allergens and particles before neutralising odour causing bacteria within them.



### Removable Cover Panel

With an easy to remove front panel, cleaning and maintenance of the indoor unit is quicker and easier than ever.

## Comfort



### Dry Operation

During dry operation the unit will act as a dehumidifier to remove moisture from the air.



### High Power Operation

Use the high power function to quickly reach your optimum temperature level when you first turn on the unit. This function will operate for a maximum of 15 minutes before returning to normal operation.



### Silent Operation

This function allows you to program periods where the unit will operate with reduced noise levels and is ideal for temperature control during the night.



### Night Setback

Designed for cold season, this ensures the room temperature is kept at around 10°C, even while unoccupied.



### Fireplace Function

By continuing to operate the indoor fan when the room temperature is stabilized, the warm air accumulated in the ceiling is circulated to the room.

## Timer



### Weekly Timer

Set your unit to turn on and off automatically on a weekly basis to suit your usual room usage on each day.



### 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.



### Sleep Timer

The room temperature is automatically controlled during the set sleep mode period, ensuring that room temperature will not get too cold or too hot. Set a predetermined amount of time between 30 and 240 minutes that your unit will operate for before switching off.



### On/Off Timer

This timer allows the unit to be set to turn ON or OFF automatically once within a 24 hour period.

## Convenience



### Comfort Start-up

With the ON-TIMER function, the unit will switch on earlier than the SET time, to ensure the optimum temperature is reached at the ON TIME.



### Preset OPERATION

The desired preset operation mode can be enabled with a single touch of a button.



### Child Lock

Lock the remote control to prevent child from tampering with the remote control.



### LED Brightness Adjustment

The unit has an adjustable LED brightness display for minimal disturbance during night operation.



### Positioning of Installation

This allows you to manually set the air flow direction when the unit is installed against a wall.



### Wireless Control System

If you acquired the Wireless device, you can control the air conditioner at home or on the go by installing Smart M-Air app on your smartphone or tablet.

## Others



### Microcomputer-Operated Defrosting

This mode is automatically activated during low ambient temperatures to prevent the frosting of the outdoor heat exchanger and maintains heating efficiency.



### Self Diagnostics

The internal microcomputer automatically runs a diagnostic of the system in the event of a malfunction. This enables your authorised dealer to isolate and repair any issues.



### Auto Restart Function

If there is a temporary loss of power, when power is restored, the unit will automatically restart in the same operating mode it was in.



### Back-up Switch

If the remote control fails, the unit can be operated via an on/off switch on the indoor unit.

		ZSX	ZR	ZS	ZTL	ZSP	SRF	SRR	FDTC <sup>*3</sup>	SKM	FDUM <sup>*3</sup>	FDE <sup>*3</sup>
Energy saving	Fuzzy Auto Mode	●	●	●	●	●	●	●	●	●	●	●
	Motion Sensor	●						● <sup>*4</sup> option		● option	● option	
	Eco Operation	●						● <sup>*4</sup> option		● option	● option	
	Auto Off	●						● <sup>*4</sup> option		● option	● option	
	Economy Mode		●	●	●	●	●	●	●			
Air flow	Jet Air Technology	●	●	●	●	●			●			
	3D Auto	●	●	●	●							
	Auto Flap Mode	●	●	●	●	●	●	●	●		●	
	Memory Louver	●	●	●	●	●	●		●	●		●
	Vertical Auto Swing	●	●	●	●	●	●		●	●		●
	Horizontal Auto Swing	●	●	●	●							
	Draft Prevention Setting								● <sup>*4</sup> option			
Clean operation & Filter	Allergen Clear Operation <sup>*1</sup>	●	●	●	●							
	Self Clean Operation	●	●	●	●	●	●		●			
	Allergen Clear Filter	●	●	●	●		●					
	Photocatalytic Washable Deodorising Filter	●	●	●			●					
	Removable Cover Panel	●	●	●	●	●	●					
Comfort	Dry Operation	●	●	●	●	●	●	●	●	●	●	●
	High Power Operation	●	●	●	●	●	●	●	●	●	●	●
	Silent Operation <sup>*2</sup>	●	●	●	●		●	●				
	Night Setback	●	●	●	●		●	●				
	Fireplace Function	●		●	●							
Timer	Weekly Timer	●	●	●	● <sup>*5</sup>		●	●	●		●	●
	24-hour On/Off Programmable Timer				●	●				●		
	Sleep Timer	●	●	●	●	●	●	●	●	●	●	●
	On/Off Timer	●	●	●	●	●	●	●	●	●	●	●
Convenience	Comfort Start-up	●	●	●	●	●	●	●	●	●	●	●
	Preset Operation	●		●	●		●	●				
	Child Lock	●	●	●	●		●	●				
	LED Brightness Adjustment	●		●	●							
	Positioning of Installation	●	●	●	●							
	Wireless Control System	● <sup>*6</sup>	● <sup>*6</sup>	● <sup>*6</sup>	●							
Others	Microcomputer-Operated Defrosting	●	●	●	●	●	●	●	●	●	●	●
	Self-Diagnostic Function	●	●	●	●	●	●	●	●	●	●	●
	Auto Restart Function	●	●	●	●	●	●	●	●	●	●	●
	Back-up Switch	●	●	●	●	●	●	●		●		

\*1 In case of Multi-split system, is not available. \*2 It can not be used for SCM40 • 45ZS-S, SCM100 • 125ZM-S. \*3 When using wired remote control (RC-EX3A). \*4 FDTC-VH only \*5 For the ZTL series, the "Weekly Timer" function could only be used from the application Smart M-air. \*6 -W, -S type would need an option to use the wireless function.