SFZ SERIES

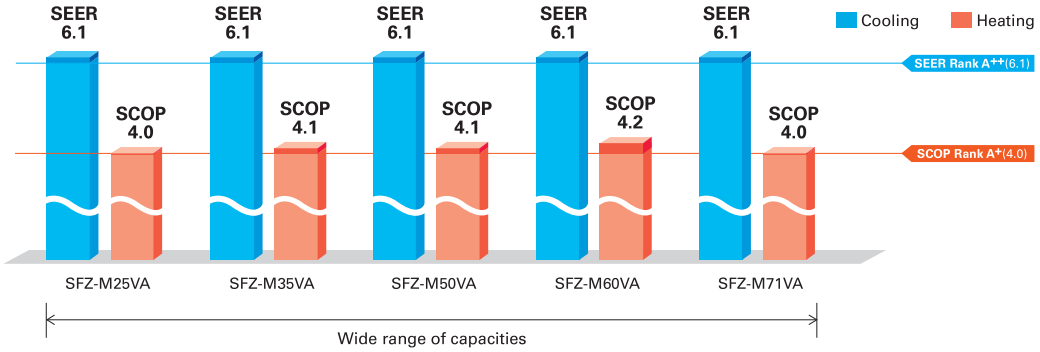
The concealed floor standing type indoor unit is newly introduced to the S-series and can be neatly installed in the perimeter zone. High energy efficiency is achieved across all capacity range. External static pressure, airflow rate, and air intake direction can be selected according to the customer's choice.



SFZ-M25/35/50/60/71VA

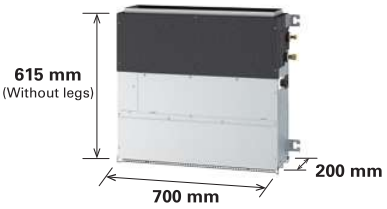
A wide lineup offering high energy efficiency

The SFZ series achieves an A++ rating on the SEER index, and an A+ rating on the SCOP index for all capacity range. No matter which capacity you select, the series offers a high level of energy efficiency.



Compact body and small footprint

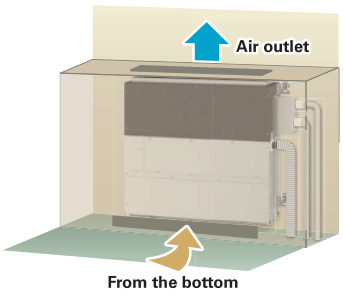
With the control box built inside the unit, the compact body and small footprint are realized. This allows the unit to be installed within a small perimeter zone.



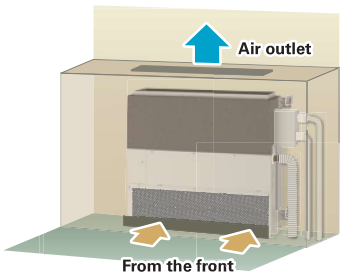
Flexible installation

Air inlet direction from the bottom or front can be selected by changing panel, fan guard and filter.

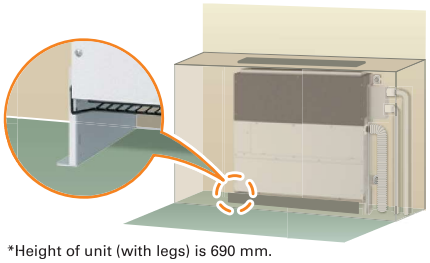
Bottom suction *1



Front suction *2



Installation with legs



*Height of unit (with legs) is 690 mm.
*Legs are supplied as accessory with the unit.

*1 Select a site where the flow of supply air is not blocked. The unit cannot be placed directly on the floor in the case of bottom suction.
*2 Unit with front suction generate more noise compared to bottom suction. Not recommended to be installed in rooms such as bedrooms where quietness is valued.

Fan speed

Airflow rate can be selected from 3 patterns; Low-Medium-High.

External static pressure

Four levels of static pressure are available. The ability to select additional static pressure provides flexibility for air outlet configuration.

SFZ-M25/35/50/60/71VA	<0>/25/<40>/<60> Pa

The factory setting of external static pressure is shown without brackets (< >).
Refer to "Fan characteristics curves" according to the external static pressure, in the DATA BOOK for the usable range of airflow rate.

SFZ-M SERIES

Indoor Unit

R32



SFZ-M25/35/50/60/71VA

Outdoor Unit

R32



SUZ-M25/35VA

R32



SUZ-M50VA

R32



SUZ-M60/71VA

Remote Controller



PAR-40MAA
*Optional



PAR-CT01MAA
*Optional



PAC-YT52CRA
*Optional

Type					Inverter Heat Pump				
Indoor Unit					SFZ-M25VA	SFZ-M35VA	SFZ-M50VA	SFZ-M60VA	SFZ-M71VA
Outdoor Unit					SUZ-M25VA	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA
Refrigerant*1					R32*1				
Power Supply	Source				Outdoor power supply				
	Outdoor (V/Phase/Hz)				230 / Single / 50				
Cooling	Capacity	Rated		kW	2.5	3.5	5.0	6.1	7.1
		Min - Max		kW	1.5 - 3.2	0.7 - 3.9	1.1 - 5.6	1.6 - 6.3	1.9 - 8.1
	Total Input	Rated		kW	0.641	1.000	1.470	1.848	2.151
	EER				3.90	3.50	3.40	3.30	3.30
	Design Load			kW	2.5	3.5	5.0	6.1	7.1
	Annual Electricity Consumption*2			kWh/a	143	199	284	346	403
	SEER*4*5				6.1	6.1	6.1	6.1	6.1
		Energy Efficiency Class			A++	A++	A++	A++	A++
Heating (Average Season)	Capacity	Rated		kW	3.2	4.1	6.0	7.0	8.0
		Min - Max		kW	1.2 - 4.2	1.0 - 5.0	1.5 - 7.2	1.6 - 8.0	2.0 - 10.2
	Total Input	Rated		kW	0.886	1.051	1.617	1.886	2.156
	COP				3.61	3.90	3.71	3.71	3.71
	Design Load			kW	2.2	2.6	4.3	4.6	5.8
	Declared Capacity	at reference design temperature		kW	2.0 (–10°C)	2.3 (–10°C)	3.3 (–10°C)	4.1 (–10°C)	5.2 (–10°C)
		at bivalent temperature		kW	2.0 (–7°C)	2.3 (–7°C)	3.8 (–7°C)	4.1 (–7°C)	5.2 (–7°C)
		at operation limit temperature		kW	2.0 (–10°C)	2.3 (–10°C)	3.3 (–10°C)	4.1 (–10°C)	5.2 (–10°C)
	Back Up Heating Capacity			kW	0.2	0.3	1.0	0.5	0.6
	Annual Electricity Consumption*2			kWh/a	766	887	1467	1532	1997
	SCOP*4*5				4.0	4.1	4.1	4.2	4.0
		Energy Efficiency Class			A+	A+	A+	A+	A+
Operating Current (max)				A	7.2	8.9	14.1	15.4	15.6
Indoor Unit	Input	Rated		kW	0.041	0.044	0.072	0.078	0.095
	Operating Current (max)			A	0.44	0.44	0.61	0.64	0.76
	Dimensions <Panel>*6*7	H x W x D		mm	615 (690) - 797 (700) - 200	615 (690) - 997 (900) - 200	615 (690) - 997 (900) - 200	615 (690) - 1197 (1100) - 200	615 (690) - 1197 (1100) - 200
	Weight <Panel>			kg	18.5	22.5	22.5	25.5	25.5
	Air Volume [Lo-Mid-Hi]			m^3/min	5.5 - 7 - 9	7 - 9 - 11	10 - 12.5 - 15	12 - 15 - 18	12 - 16 - 20
	External Static Pressure*8			Pa	<0> / 25 / <40> / <60>	<0> / 25 / <40> / <60>	<0> / 25 / <40> / <60>	<0> / 25 / <40> / <60>	<0> / 25 / <40> / <60>
	Sound Level (SPL)*9 [Lo-Mid-Hi]			dB(A)	25 - 29 - 35	25 - 29 - 33	30 - 35 - 39	30 - 35 - 39	30 - 36 - 42
	Sound Level (PWL)			dB(A)	54	53	59	59	61
Outdoor Unit	Dimensions	H x W x D		mm	550 - 800 - 285	550 - 800 - 285	714 - 800 - 285	880 - 840 - 330	880 - 840 - 330
	Weight			kg	30	35	41	54	55
	Air Volume	Cooling		m^3/min	36.3	34.3	45.8	50.1	50.1
		Heating		m^3/min	34.6	32.7	43.7	50.1	50.1
	Sound Level (SPL)	Cooling		dB(A)	45	48	48	49	49
		Heating		dB(A)	46	48	49	51	51
	Sound Level (PWL)	Cooling		dB(A)	59	59	64	65	66
	Operating Current (max)			A	6.8	8.5	13.5	14.8	14.8
	Breaker Size			A	10	10	20	20	20
Ext. Piping	Diameter	Liquid / Gas		mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88
	Max. Length	Out-In		m	20	20	30	30	30
	Max. Height	Out-In		m	12	12	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling*3		°C	–10 ~ +46	–10 ~ +46	–15 ~ +46	–15 ~ +46	–15 ~ +46
		Heating		°C	–10 ~ +24	–10 ~ +24	–10 ~ +24	–10 ~ +24	–10 ~ +24

*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO_2, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.
The GWP of R410A is 2088 in the IPCC 4th Assessment Report.
*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
*3 SEER/SCOP are measured at ESP 25Pa.
*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.
*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.
*6 The height that includes the duct flange is 638 (713) mm. The values in ( ) show the height of unit with leg.
*7 The width includes the pipe cover (sheet metal). The values in ( ) show the width that does not include the pipe cover.
*8 The factory setting of ESP is shown without < >.
*9 SPL measured at ESP 25Pa.