

New R32 Eco Inverter Line-up

Wider line-up

Standard/Hyper heating/Standard with base heater models are available.

SUZ Series		4kW	6kW	8kW	10kW
Previous	Standard SUZ-SWM	✓	✓	✓	—
	Standard SUZ-SWM	✓	✓	✓	✓
New	Hyper Heating* with base heater SUZ-SHWM	✓	✓	—	—
	Standard with base heater SUZ-SWM	—	—	✓	✓

*Hyper Heating model : Keep 100% heating capacity at -15°C.



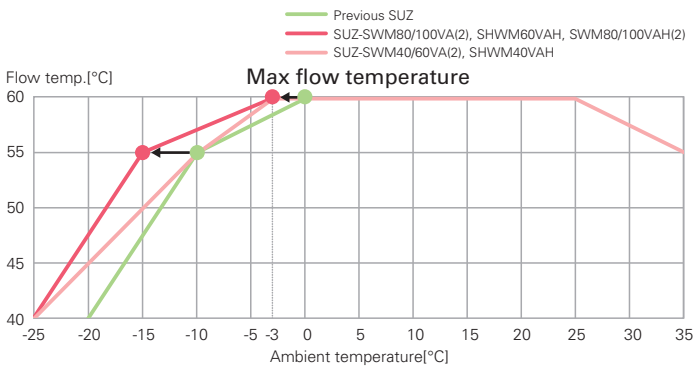
Standard
SUZ-SWM40/60VA(2)
Hyper Heating with base heater
SUZ-SHWM40VAH



Standard
SUZ-SWM80/100VA(2)
Hyper Heating with base heater
SUZ-SHWM60VAH
Standard with base heater
SUZ-SWM80/100VAH(2)

Performance Guaranteed Range Expansion for Max Outlet Water Temperature

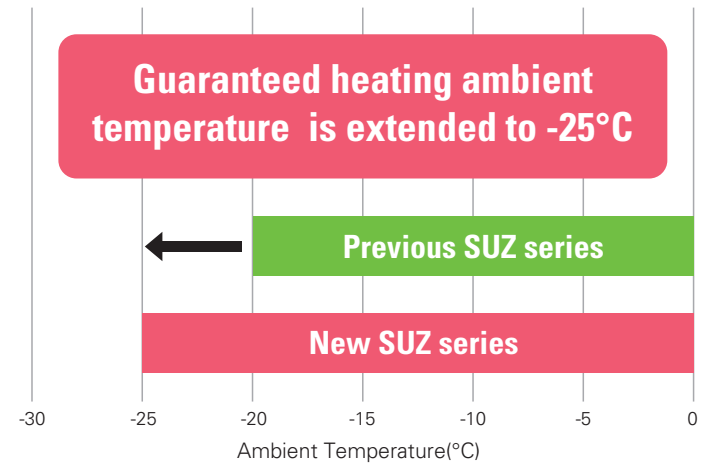
New SUZ achieved to keep max outlet water temperature of 60°C in A -3°C. Especially Standard 80/100, Hyper Heating 60, and Standard with base heater 80/100 models can also keep max outlet water temperature of 55°C in A -15°C.



	Previous model	New model
Max flow temp 60 degree	maintained up to A 0.	maintained up to A -3.

Performance Guaranteed Range Expansion

Performance guaranteed range is extended to -25°C.

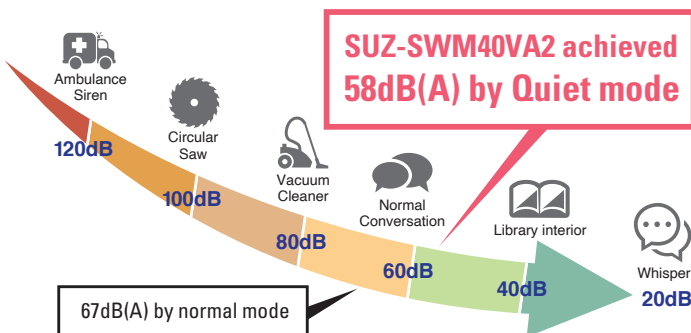


Quiet mode

Once Quiet mode is activated using the remote controller, SUZ's sound volume becomes lower than normal mode. There are 2 Quiet mode levels in SUZ.

*Outdoor condition is A-7W35.

*The heating/cooling capacity is dropped when Quiet mode is activated.



Improved flexibility for installation

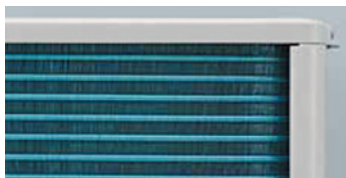
The minimum piping length is reduced to 2m, and the maximum piping length is extended to 50m for SUZ-SWM80/100VA(2), SHWM60VAH, SWM80/100VAH(2)

This enables for flexible installation in any wider properties.

	40	60	80	100
Standard [m]	2-30	2-30	2-50	2-50
Hyper Heating with base heater [m]	2-30	2-50	-	-
Standard with base heater [m]	-	-	2-50	2-50

Blue fin

A special coating is applied to the heat exchanger to improve corrosion toughness.



Specification table

				Eco Inverter							
				Standard model				Hyper Heating model		Standard with base heater model	
Model name				SUZ-SWM40VA2	SUZ-SWM60VA2	SUZ-SWM80VA2	SUZ-SWM100VA	SUZ-SHWM40VAH	SUZ-SHWM60VAH	SUZ-SWM80VAH2	SUZ-SWM100VAH
Refrigerant				R32*1							
Dimensions	HxWxD	mm		714x800x285	714x800x285	880x840x330	880x840x330	714x800x285	880x840x330	880x840x330	880x840x330
Weight		kg		39	40	53	53	40	53.5	53.5	53.5
power supply (V / Phase / Hz)				230 / 1-ph / 50	230 / 1-ph / 50	230 / 1-ph / 50	230 / 1-ph / 50	230 / 1-ph / 50	230 / 1-ph / 50	230 / 1-ph / 50	230 / 1-ph / 50
Heating	A7W35*2	Nominal	kW	3.0	5.0	6.0	7.5	3.0	5.0	6.0	7.5
		COP		5.11	4.85	5.10	4.85	4.77	4.95	5.10	4.85
	A2W35*2	Nominal	kW	4.0	6.0	7.5	9.0	4.0	6.0	7.5	9.0
		COP		3.90	3.62	3.50	3.12	3.61	3.47	3.31	3.00
Average climate water outlet 35°C*3	Class		A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
	ηS		200	189	187	182	176	178	178	178	177
Average climate water outlet 55°C*3	Class		A++	A++	A++	A++	A++	A++	A++	A++	A++
	ηS		135	136	135	134	126	128	130	130	129
DHW 200L Load Profile*4	Class		A+	A+	A+	A+	A+	A+	A+	A+	A+
	ηwh		147	142	144	144	142	144	144	144	144
Max outlet water temperature (°C)				60	60	60	60	60	60	60	60
Cooling	A35W7*2	Nominal	kW	4.5	5.0	6.7	7.3	4.5	6.0	6.7	7.3
		EER		3.31	3.18	3.20	3.00	3.33	3.28	3.20	3.00
	A35W18*2	Nominal	kW	5.6	6.0	6.7	8.1	5.6	6.0	6.7	8.1
		EER		4.71	4.65	5.06	4.44	4.70	5.21	5.06	4.44
PWL (Heating)*5			dB(A)	57	60	60	62	58	60	60	62
Max operating current			A	13.5	13.5	17.3	17.3	13.5	17.3	17.3	17.3
Breaker size			A	16	16	20/16*6	20/16*6	16	20/16*6	20/16*6	20/16*6
Piping	Diameter	Liquid/Gas	mm	6.35/12.7	6.35/12.7	6.35/12.7	6.35/12.7	6.35/12.7	6.35/12.7	6.35/12.7	6.35/12.7
	Length	Out-In	m	2-30	2-30	2-50	2-50	2-30	2-50	2-50	2-50
	Height	Out-In	m	Max 30	Max 30	Max 30	Max 30	Max 30	Max 30	Max 30	Max 30
Guaranteed Operating Range	Heating		°C	-25°C~24°C	-25°C~24°C	-25°C~24°C	-25°C~24°C	-25°C~24°C	-25°C~24°C	-25°C~24°C	-25°C~24°C
	DHW		°C	-25°C~35°C	-25°C~35°C	-25°C~35°C	-25°C~35°C	-25°C~35°C	-25°C~35°C	-25°C~35°C	-25°C~35°C
	Cooling		°C	10°C~46°C	10°C~46°C	10°C~46°C	10°C~46°C	10°C~46°C	10°C~46°C	10°C~46°C	10°C~46°C

*1 Refrigerant leakage contribute 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 675. This means that if 1kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO₂, 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 R32 is 675 in the IPCC 4th Assessment Report.

*2 Air-to-Water values are measured based on EN14511 (Circulation pump input is not included).

*3 ηS values are measured based on EN14825.

*4 ηwh values are measured based on EN16147.

*5 Sound power levels are measured based on EN12102.

*6 In case of jumper wire cut

Combination table

indoor/outdoor unit combination		Reversible Cylinder			Reversible Hydrobox
		ERST17D-VM2D	ERST20D-VM2D	ERST30D-VM2ED	ERSD-VM2D
Standard	SUZ-SWM40VA2	●	●	●	●
	SUZ-SWM60VA2	●	●	●	●
	SUZ-SWM80VA2	●	●	●	●
	SUZ-SWM100VA	●	●	●	●
Hyper Heating	SUZ-SHWM40VAH	●	●	●	●
	SUZ-SHWM60VAH	●	●	●	●
Standard with base heater	SUZ-SWM80VAH2	●	●	●	●
	SUZ-SWM100VAH	●	●	●	●