

Split Type Specifications

Outdoor unit

				Eco Inverter		
Model name				SUZ-SWM40VA	SUZ-SWM60VA	SUZ-SWM80VA
Refrigerant				R32*1		
Dimensions		HxWxD	mm	880x840x330	880x840x330	880x840x330
Weight			kg	54	54	54
Power supply (V / Phase / Hz)				230 / 1-ph / 50	230 / 1-ph / 50	230 / 1-ph / 50
Heating	A7W35*2	Nominal	kW	4.0	6.0	7.5
		COP		5.20	4.86	4.70
	A2W35*2	Nominal	kW	4.0	5.0	6.5
		COP		3.90	3.33	3.40
Average climate water outlet 35°C*3		Class	A+++	A+++	A+++	
		ηs	180	181	182	
Average climate water outlet 55°C*3		Class	A++	A++	A++	
		ηs	129	130	131	
DHW 200L(L) Load Profile (Average climate)*4		Class	A+	A+	A+	
		ηwh	159	148	148	
Max outlet water temperature (°C)				60	60	60
Cooling	A35W7*2	Nominal	kW	4.5	5.0	5.4
		EER		3.29	3.03	3.00
	A35W18*2	Nominal	kW	5.6	6.0	6.3
		EER		4.97	4.88	4.80
PWL (Heating)*5			dB(A)	58	60	62
Max operating current			A	13.9	13.9	13.9
Breaker size			A	16	16	16
Piping	Diameter	Liquid/Gas	mm	6.35 / 12.7	6.35 / 12.7	6.35 / 12.7
	Length	Out-In	m	5-30	5-30	5-30
	Height	Out-In	m	Max 30	Max 30	Max 30
Guaranteed Operating Range	Heating		°C	-20°C-24°C	-20°C-24°C	-20°C-24°C
	DHW		°C	-20°C-35°C	-20°C-35°C	-20°C-35°C
	Cooling		°C	10°C-46°C	10°C-46°C	10°C-46°C







Outdoor unit

				Power Inverter, Heating only				ZUBADAN, Heating only				
Model name				PUD-SWM60VAA	PUD-SWM80V/YAA	PUD-SWM100V/YAA	PUD-SWM120V/YAA	PUD-SHWM60VAA	PUD-SHWM80V/YAA	PUD-SHWM100V/YAA	PUD-SHWM120V/YAA	PUD-SHWM140V/YAA
Refrigerant				R32*1								
Dimensions		HxWxD	mm	1020x1050x480	1020x1050x480	1020x1050x480	1020x1050x480	1020x1050x480	1020x1050x480	1020x1050x480	1020x1050x480	
Weight			kg	101	101/114	105/118	105/118	102	102/115	108/121	108/121	110/122
Power supply (V / Phase / Hz)				VAA: 230 / 1-ph / 50, YAA: 400 / 3-ph / 50								
Heating	A7W35*2	Nominal	kW	5.0	6.0	8.0	10.0	5.0	6.0	8.0	10.0	12.0
		COP		4.76	4.76	4.95	4.70	4.94	5.00	5.00	4.80	4.70
	A2W35*2	Nominal	kW	6.0	8.0	10.0	12.0	6.0	8.0	10.0	12.0	14.0
		COP		3.60	3.55	3.30	3.24	3.80	3.75	3.45	3.30	3.05
Average climate water outlet 35°C*3		Class	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	
		ηs	175	178/176	178/177	177/176	178	181/179	180/178	179/177	179/177	
Average climate water outlet 55°C*3		Class	A++	A++	A++	A++	A++	A++	A++	A++	A++	
		ηs	130	131/130	131/130	129/128	134	135/134	136/135	135/134	134/134	
DHW 200L(L)/300L(L) Load Profile (Average climate)*4		Class	A+ / A	A+ / A	A+ / A	A+ / A	A+ / A	A+ / A	A+ / A	A+ / A	A+ / A	
		ηwh	148/121	148/121	148/121	148/121	148/121	148/121	148/121	148/121	145/121	
Max outlet water temperature (°C)				60	60	60	60	60	60	60	60	
PWL (Heating)*5			dB(A)	55	56	59	60	55	56	59	60	62
Max operating current			A	16.5	22/8	26/10	28/12	16.5	22/8	26/10	28/12	35/12
Breaker size			A	20	25/16	30/16	32/16	20	25/16	30/16	32/16	40/16
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	6.35/12.7
	Length	Out-In	m	2 - 30	2 - 30	2 - 30	2 - 30	2 - 30	2 - 30	2 - 30	2 - 30	2 - 25
	Height	Out-In	m	Max. 30	Max. 30	Max. 30	Max. 30	Max. 30	Max. 30	Max. 30	Max. 30	Max. 25
Guaranteed Operating Range	Heating		°C	-25°C-24°C	-25°C-24°C	-25°C-24°C	-25°C-24°C	-28°C-24°C	-28°C-24°C	-28°C-24°C	-28°C-24°C	-28°C-24°C
	DHW		°C	-25°C-35°C	-25°C-35°C	-25°C-35°C	-25°C-35°C	-28°C-35°C	-28°C-35°C	-28°C-35°C	-28°C-35°C	-28°C-35°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 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 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.

R32	Split type	Small capacity (Under 5kW)*	Medium capacity (6.0kW-14kW)*
			 PUD-SHWM60/80/100/120/140
			 PUD-SWM60/80/100/120
Eco Inverter		 SUZ-SWM40/60	 SUZ-SWM80

*Rated capacity is at conditions A2W35. (according to EN14511)

Split Type Specifications

Indoor unit

<Cylinder unit (Heating only)>

Model name			Small capacity												
			EHST17D-VM2D	EHST20D-MED	EHST20D-VM2D	EHST20D-VM6D	EHST20D-VM9D	EHST20D-VM9ED	EHST20D-TM9D	EHST30D-MED	EHST30D-VM6ED	EHST30D-VM9ED	EHST30D-TM9ED		
Type			Heating only												
Expansion vessel			✓	—	✓	✓	✓	✓	✓	—	—	—	—		
Booster heater (2/6/9 kW)			✓	—	✓	✓	✓	✓	✓	—	✓	✓	✓		
Dimensions	HxWxD	mm	1400x595x680	1600x595x680						2050x595x680					
Weight (empty)		kg	93	98	104	105	106	101	106	113	115	116	116		
Control Board Power supply (Phase / V / Hz)			~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	
Heater	Booster heater	Power supply (Phase / V / Hz)	~ /N, 230V, 50Hz	—	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	3 ~, 400V, 50Hz	3 ~, 400V, 50Hz	3 ~, 230V, 50Hz	—	~ /N, 230V, 50Hz	3 ~, 400V, 50Hz	3 ~, 230V, 50Hz		
		Capacity	kW	2	—	2	2+4	3+6	3+6	3+6	—	2+4	3+6	3+6	
		Current	A	9	—	9	26	13	13	23	—	26	13	23	
		Breaker size	A	16	—	16	32	16	16	32	—	32	16	32	
Domestic hot water tank	Volume / Material	L / -	170 / Stainless steel	200 / Stainless steel						300 / Stainless steel					
Guaranteed operating range *1	Ambient	°C	0 - 35 (≤80%RH)												
	Outdoor	Heating	°C	See outdoor unit spec table											
		Cooling	°C	—											
Target temperature range	Heating	Room temperature	°C	10 - 30											
		Flow temperature	°C	20 - 60											
	Cooling	Room temperature	°C	—											
		Flow temperature	°C	—											
DHW tank performance	Max. hot water temperature	°C	70	*2	70						*2	70			
	Water heater energy efficiency class		A+						A - A+						
Sound pressure level (PWL)			dB (A)		41										

*1 The indoor environment must be frost-free

*2 For the model without booster heater and immersion heater, the maximum allowable hot water temperature is 3°C lower than maximum outlet water of outdoor unit. For the maximum outlet water of outdoor unit, refer to outdoor unit data book.

<Cylinder unit (Heating only)>

Model name			Medium capacity											
			EHST20C-MED	EHST20C-VM2D	EHST20C-VM6D	EHST20C-VM9D	EHST20C-VM9ED	EHST20C-TM9D	EHST30C-MED	EHST30C-VM6ED	EHST30C-VM9ED	EHST30C-TM9ED		
Type			Heating only											
Expansion vessel			—	✓	✓	✓	—	✓	—	—	—	—		
Booster heater (2/6/9 kW)			—	✓	✓	✓	✓	✓	—	✓	✓	✓		
Dimensions	HxWxD	mm	1600x595x680						2050x595x680					
Weight (empty)		kg	106	113	114	115	109	115	118	120	121	121		
Control Board Power supply (Phase / V / Hz)			~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	
Heater	Booster heater	Power supply (Phase / V / Hz)	—	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	3 ~, 400V, 50Hz	3 ~, 400V, 50Hz	3 ~, 400V, 50Hz	—	~ /N, 230V, 50Hz	3 ~, 400V, 50Hz	3 ~, 230V, 50Hz		
		Capacity	kW	—	2	2+4	3+6	3+6	3+6	—	2+4	3+6	3+6	
		Current	A	—	9	26	13	13	23	—	26	13	23	
		Breaker size	A	—	16	32	16	16	32	—	32	16	32	
Domestic hot water tank	Volume / Material	L / -	200 / Stainless steel						300 / Stainless steel					
Guaranteed operating range *1	Ambient	°C	0 - 35 (≤80%RH)											
	Outdoor	Heating	°C	See outdoor unit spec table										
		Cooling	°C	—										
Target temperature range	Heating	Room temperature	°C	10 - 30										
		Flow temperature	°C	20 - 60										
	Cooling	Room temperature	°C	—										
		Flow temperature	°C	—										
DHW tank performance	Max. hot water temperature	°C	*2	70						*2	70			
	Water heater energy efficiency class		A+						A					
Sound pressure level (PWL)			dB (A)		40									

*1 The indoor environment must be frost-free

*2 For the model without booster heater and immersion heater, the maximum allowable hot water temperature is 3°C lower than maximum outlet water of outdoor unit. For the maximum outlet water of outdoor unit, refer to outdoor unit data book.

<Hydro box (Heating only)>

Model name			Small capacity						Medium capacity					Large capacity			
			EHSD-MED	EHSD-VM2D	EHSD-VM6D	EHSD-VM9D	EHSD-VM9ED	EHSD-TM9D	EHSC-MED	EHSC-VM2D	EHSC-VM6D	EHSC-VM9D	EHSC-VM9ED	EHSC-TM9D	EHSE-VM9ED	EHSE-MED	
Type			Heating only														
Expansion vessel			—	✓	✓	✓	—	✓	—	✓	✓	✓	—	✓	—		
Booster heater (2/6/9 kW)			—	✓	✓	✓	✓	✓	—	✓	✓	✓	✓	✓			
Dimensions	HxWxD	mm	800x530x360									950x600x360					
Weight (empty)		kg	36	43	44	44	40	44	40	47	48	48	43	48	63	61	
Control Board Power supply (Phase / V / Hz)			~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	
Heater	Booster heater	Power supply (V / Phase / Hz)	—	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	3 ~, 400V, 50Hz	3 ~, 400V, 50Hz	3 ~, 230V, 50Hz	—	~ /N, 230V, 50Hz	~ /N, 230V, 50Hz	3 ~, 400V, 50Hz	3 ~, 400V, 50Hz	3 ~, 230V, 50Hz	3 ~, 400V, 50Hz	—	
		Capacity	kW	—	2	2+4	3+6	3+6	3+6	—	2	2+4	3+6	3+6	3+6	—	
		Current	A	—	9	26	13	13	23	—	9	26	13	13	23	13	
		Breaker size	A	—	16	32	16	16	32	—	16	32	16	16	32	16	
Guaranteed operating range *1	Ambient	L / -	0 - 35 (≤80%RH)														
	Outdoor	Heating	°C	See outdoor unit spec table													
		Cooling	°C	—													
Target temperature range	Heating	Room temperature	°C	10 - 30													
		Flow temperature	°C	20 - 60													
	Cooling	Room temperature	°C	—													
		Flow temperature	°C	—													
Sound pressure level (PWL)			dB (A)		41						40					45	

*1 The indoor environment must be frost-free.