

Outdoor unit

Model name			SUHZ-SW45VA (H)*1	PUHZ-SW50VKA (-BS)	PUHZ-SW75VHA (-BS)	PUHZ-SW100VYHA (-BS)	PUHZ-SW120VYHA (-BS)	PUHZ-SW160YKA (-BS)	PUHZ-SW200YKA (-BS)	PUHZ-SHW80VHA	PUHZ-SHW112VYHA	PUHZ-SHW140YHA	PUHZ-SHW230YKA2
Dimensions	HxWxD	mm	880x840x330	630x809x300	943x950x330	1350x950x330	1350x950x330	1338x1050x330	1338x1050x330	1350x950x330	1350x950x330	1350x950x330	1338x1050x330
Product weight (empty)		kg	54	43	75	118/130	118/130	136	136	120	120/134	134	149
Power supply (V / Phase / Hz)			VHA : 230/Single/50 YHA, YKA : 400/Three/50										
Heating (A7/W35)	Capacity	kW	4.50	5.50	8.00	11.20	16.00	22.00	25.00	8.00	11.20	14.00	23.00
	COP		5.06	4.42	4.40	4.45	4.10	4.20	4.00	4.65	4.46	4.22	3.65
	Power input	kW	0.889	1.244	1.818	2.517	3.902	5.238	6.250	1.720	2.511	3.318	6.301
Heating (A2/W35)	Capacity	kW	3.50	5.00	7.50	10.00	12.00	16.00	20.00	8.00	11.20	14.00	23.00
	COP		3.40/3.04	2.97	3.40	3.32	3.24	3.11	2.80	3.55	3.34	2.96	2.37
	Power input	kW	1.029/1.151	1.684	2.206	3.009	3.704	5.145	7.143	2.254	3.353	4.730	9.705
Cooling (A35/W7)	Capacity	kW	4.00	4.50	6.60	9.10	12.50	16.00	20.00	7.10	10.00	12.50	20.00
	EER		2.73	2.76	2.82	2.75	2.32	2.76	2.25	3.31	2.83	2.17	2.22
	Power input	kW	1.465	1.630	2.340	3.309	5.388	5.797	8.889	2.145	3.534	5.760	9.009
Cooling (A35/W18)	Capacity	kW	3.80	5.00	7.10	10.00	14.00	18.00	22.00	7.10	10.00	12.50	20.00
	EER		4.28	4.60	4.43	4.35	4.08	4.56	4.10	4.52	4.74	4.26	3.55
	Power input	kW	0.888	1.087	1.603	2.299	3.431	3.947	5.366	1.571	2.110	2.934	5.634
Sound pressure level (SPL)	Heating	dB (A)	52	46	51	54	54	62	62	51	52	52	59
Sound power level (PWL)	Heating	dB (A)	61	63	68	70	72	78	78	69	70	70	75
Operating current (max)	A	12.0	13.0	17.0	29.5/13.0	29.5/13.0	19.0	21.0	29.5	35.0/13.0	13.0	26.0	
Breaker size	A	20	16	25	32/16	32/16	25	32	32	40/16	16	32	
Piping	Diameter	Liquid/Gas	mm	6.35/12.7	6.35/12.7	9.52/15.88	9.52/15.88	9.52/15.88	9.52/25.4	12.7/25.4	9.52/15.88	9.52/15.88	12.7/25.4
	Max. length	Out-In	m	30	40	40	75	75	80	80	75	75	80
	Max. height	Out-In	m	30	30	30	30	30	30	30	30	30	30
Guaranteed operating range	Heating	°C	-15 to +24	-15 to +21	-20 to +21	-20 to +21	-20 to +21	-20 to +21	-20 to +21	-20 to +21	-28 to +21	-28 to +21	-28 to +21
	DHW	°C	-15 to +35	-15 to +35	-20 to +35	-20 to +35	-20 to +35	-20 to +35	-20 to +35	-28 to +35	-28 to +35	-28 to +35	-25 to +35
	Cooling*2	°C	-10 to +46	-15 to +46	-15 to +46	-15 to +46	-15 to +46	-15 to +46	-15 to +46	-15 to +46	-15 to +46	-15 to +46	-15 to +46

Note: based on EN 14511 (Input to circulation pump is not included.) It may differ according to the system configuration.

*1 SUHZ-SW45VAH incorporates base heater.

*2 Optional air protection guide is required where ambient temperature is lower than -5°C.

Optional parts

<Indoor unit>

Parts name	Model name	Specification	Cylinder unit														Hydro box				
			EHST20C-VM2C	EHST20C-VM6C	EHST20C-VM9C	EHST20C-TM9C	EHST20C-VM2EC	EHST20C-VM6EC	EHST20C-VM9EC	EHST20C-MEC	EHST20C-VM2C	EHST20C-VM6C	EHST20C-VM9C	EHST20C-VM2EC	EHST20C-MEC	EHST20C-MHC	EHST20C-MHCW	EHST20D-MHCW	ERST models	E8SD or E8SC models	E8SE models
Wireless remote controller	PAR-WT50R-E		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Wireless receiver	PAR-WR51R-E		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Thermistors	PAC-SE41TS-E	For room temp.	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	PAC-TH011-E	For buffer and zone (flow and return temp.)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	PAC-TH011TK-E	For tank temp. (5m)	x	x	x	x	x	-	-	-	-	-	-	-	-	-	-	-	-	x	x
	PAC-TH011TKLE-E	For tank temp. (30m)	x	x	x	x	x	-	-	-	-	-	-	-	-	-	-	-	-	x	x
PAC-TH011HT-E	For boiler (flow and return temp.)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Immersion heater	PAC-i03V2-E	1Ph 3kW	x	x	x	x	x	x	x	x	x	x	x	x	-	-	-	x	-	-	-
EHPT accessories for UK	PAC-WK01UK-E		-	-	-	-	-	-	-	-	-	-	-	-	-	x	x	-	-	-	-
Joint pipe	PAC-SG73RJ-E	For PUHZ-SW200YKA/SHW230YKA2 (-BS) ø9.52→ø12.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x
Wi-Fi interface	PAC-WF010-E		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Drain pan stand	PAC-DP01-E	D865mm H270mm W595mm N/W: 14.5kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x*1	-	-

*1 PAC-DP01-E is necessary when you use ERST units. If you use ERST units without this parts, drain will be flowed from the base of units, in cooling mode.

<Outdoor unit>

Parts name	Model name	Eco Inverter	Power Inverter							ZUBADAN			
		SUHZ-SW45VA (H)	PUHZ-SW50VKA (-BS)	PUHZ-SW75VHA (-BS)	PUHZ-SW100VYHA (-BS)	PUHZ-SW120VYHA (-BS)	PUHZ-SW160YKA (-BS)	PUHZ-SW200YKA (-BS)	PUHZ-SHW80VHA	PUHZ-SHW112VYHA	PUHZ-SHW140YHA	PUHZ-SHW230YKA2	
Connector for drain hose heater signal output	PAC-SE60RA-E	-	-	x	x	x	x	x	x	x	x	x	
	PAC-SE61RA-E	-	x	-	-	-	-	-	-	-	-	-	
Air discharge guide	MAC-886SG-E	x	-	-	-	-	-	-	-	-	-	-	
	PAC-SJ07SG-E	-	x	-	-	-	-	-	-	-	-	-	
	PAC-SG59SG-E	-	-	x	x	x	x	-	x	x	x	-	
Air protection guide	PAC-SG96SG-E	-	-	-	-	-	-	x	x	-	-	x	
	PAC-SJ06AG-E	-	x	-	-	-	-	-	-	-	-	-	
	PAC-SH63AG-E	-	-	x	x	x	x	-	x	x	x	-	
Drain socket	PAC-SH95AG-E	-	-	-	-	-	-	x	x	-	-	x	
	PAC-SG61DS-E	-	-	x	x	x	x	x	x	-	-	-	
	PAC-SJ08DS-E	-	x	-	-	-	-	-	-	-	-	-	
Centralised drain pan	PAC-SG63DP-E	-	x	-	-	-	-	-	-	-	-	-	
	PAC-SG64DP-E	-	-	x	x	x	x	-	-	-	-	-	
	PAC-SH97DP-E	-	-	-	-	-	-	x	x	-	-	-	
Control/Service tool	PAC-SK52ST	-	x	x	x	x	x	x	x	x	x	x	