

Swimming pool HP KSWP



Technical documentation	Download
Technical Manual	PDF
User Manual	PDF
Controller Manual	PDF
Declaration of Conformity	PDF
ErP	PDF
Dimensions	DWG


SMART GRID
READY

R-32
REFRIGERANT

COOLING AND
HEATING

COMPATIBLE
WITH AIRZONE


Wi-Fi



MODBUS


CONFIGURATION
VIA USB PORT

Model		KSWP-70 DR8	KSWP-90 DR8	KSWP-120 DR8	KSWP-160 DR8	KSWP-200 DR8	KSWP-200 DTR8
> Set							
Heating capacity / Boost Mode (A27/HR80%, W28°C)	kW	7.16 (10.3)	9.15 (12.8)	12.5 (14.5)	16.00 (18.70)	18.80 (21.80)	18.80 (21.80)
Power absorbed / Boost mode (A27/HR80%, W28°C)	kW	0.95 (1.56)	1.35 (2.13)	1.79 (2.28)	2.67 (3.67)	3.62 (4.95)	3.62 (4.95)
COP / Boost Mode (A27/HR80%, W28°C)		7.50 (6.60)	6.80 (6.00)	7.00 (6.35)	6.00 (5.10)	5.20 (4.40)	5.20 (4.40)
Heating capacity / Boost Mode (A15/HR70%, W28°C)	kW	5.30 (7.30)	6.80 (9.30)	9.12 (10.5)	12.80 (15.00)	14.50 (17.00)	14.50 (17.00)
Power absorbed / Boost mode (A15/HR70%, W28°C)	kW	1.04 (1.56)	1.39 (2.09)	1.81 (2.28)	2.84 (3.95)	3.45 (4.72)	3.45 (4.72)
COP / Boost Mode (A15/HR70%, W28°C)		5.10 (4.69)	4.90 (4.45)	5.05 (4.60)	4.50 (3.80)	4.20 (3.60)	4.20 (3.60)
Cooling capacity (A35, W28°C)	kW	4.5	5.2	7	7.8	8.6	8.6
Power absorbed (A35, W28°C)	kW	1.13	1.55	1.75	2.6	3.31	3.31
EER (A35, W28°C)		3.98	3.35	4	3	2.6	2.6
Water outlet temperature; Heating min. / max.	°C	10 / 42	10 / 42	10 / 42	10 / 42	10 / 42	10 / 42
Water outlet temperature; Cooling min. / max.	°C	10 / 30	10 / 30	10 / 30	10 / 30	10 / 30	10 / 30
Width / Height / Depth	mm	988 / 712 / 426	988 / 712 / 426	988 / 712 / 426	988 / 712 / 426	988 / 712 / 426	988 / 712 / 426
Net weight	kg	46	46	50	53	53	53
Heating sound pressure / Silent mode (A27/RH80%, W28°C)	dB(A)	41 / 38	43 / 38	49 / 38	50 / 39	54 / 40	54 / 40
Chilling sound pressure / Silent mode (A35, W28°C)	dB(A)	43 / 39	45 / 40	48 / 40	51 / 42	52 / 43	52 / 43
Power supply	V/ph/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	380-415 / 3 / 50
Max. intensity	A	10.5	11	12	18	23	9
Circuit breaker	A	D20	D20	D20	D20	D32	D10
Type of refrigerant		R-32	R-32	R-32	R-32	R-32	R-32
GWP		675	675	675	675	675	675
Refrigerant charge	kg	5.5	5.5	7.5	7.8	7.8	7.8
t CO ₂ eq	tCO ₂	0.37	0.37	0.51	0.53	0.53	0.53
Water pipe connections	inch	2"	2"	2"	2"	2"	2"
Water flow rated	m ³ /h	3.10_h_h	3.90_h_h	5.40_h_h	6.90_h_h	8.30_h_h	8.30_h_h
Exchanger pressure drop	kPa	4.60	7.30	13.80	23.00	33.00	33.00
> Working range							
Outdoor ambient temperature for heating min. / max.	°C	-7 / 43	-7 / 43	-7 / 43	-7 / 43	-7 / 43	-7 / 43
Outdoor ambient temperature for cooling min. / max.	°C	15 / 43	15 / 43	15 / 43	15 / 43	15 / 43	15 / 43
Swimming pool volume	m ³	<35	<45	<60	<80	<100	<100
Leaving water temperature; min. / max. heating	°C	/ 42	/ 42	/ 42	/ 42	/ 42	/ 42
Leaving water temperature; min. / max. cooling	°C	10 /	10 /	10 /	10 /	10 /	10 /

The above data test reference standard EN14511; EN50564:2011; 12102:2011; OJ 2014/C 207/02:2014