



TECHNICAL DATA SHEET

R32 Swimming Pool Heat Pump



Description of goods	Model No.	Heating Capacity	Power Supply
* R32 ECO refrigerant	MSHP-007C1	1.75~7.62 KW	220-240V~/50Hz
* Wifi with smart functions	MSHP-010C1	2.34~10.21 KW	220-240V~/50Hz
* With MODBUS communication	MSHP-013C1	3.02~13.12 KW	220-240V~/50Hz
* Full DC inverter, the water temperature constant	MSHP-021C1	4.83~21.01 KW	220-240V~/50Hz
	MSHP-028C2	6.53~28.42 KW	380-415V~/3N/50Hz
	MSHP-035C2	8.97~35.1 KW	380-415V~/3N/50Hz



mshp-035c2

Technology Data Sheet

Model		MSHP-007C1	MSHP-010C1	MSHP-013C1	MSHP-021C1
Rated voltage / Frequency	V~ / Hz	220-240V~/50Hz	220-240V~/50Hz	220-240V~/50Hz	220-240V~/50Hz
Heating capacity at air 26°C, humidity 80%, water 26°C in, 28°C out					
Capacity	kW	1.75~7.62	2.34~10.21	3.02~13.12	4.83~21.01
Power Input	kW	0.13~1.10	0.17~1.47	0.22~1.88	0.36~3.03
COP		6.91~13.52	6.93~13.54	6.98~13.61	6.94~13.56
Heating capacity at air 15°C, humidity 70%, water 26°C in, 28°C out					
Capacity	kW	1.33~5.74	1.76~7.62	2.23~9.73	3.59~15.74
Power Input	kW	0.18~1.16	0.23~1.54	0.29~1.95	0.47~3.18
COP		4.94~7.53	4.95~7.58	4.98~7.63	4.95~7.57
Cooling capacity at air 35°C, water 29°C in, 27°C out					
Capacity	kW	1.12~4.06	1.38~5.36	1.82~6.88	2.86~11.07
Power Input	kW	0.17~1.15	0.21~1.51	0.27~1.88	0.44~3.11
EER		3.52~6.48	3.54~6.51	3.65~6.62	3.56~6.57
Water Proof Level		IPX4			
Heat Exchanger		Titanium			
Compressor		Mitsubishi			
Casing Material		Aluminium+ABS			
Weight / GWP (KG)		R32/0.35/675	R32/0.43/675	R32/0.72/675	R32/0.85/675

Model		MSHP-035C2	MSHP-028C2
Heating capacity1	kW	35.1~8.97	28.42~6.53
Power input		5.16~0.56	4.08~0.48
COP	kW	10.0006.90	15.98~6.96
Heating capacity2	kW	25.5~6.4	20.75~4.79
Power input	kW	0.000.00	4.18~0.63
COP		7.61~4.97	7.59~4.97
Cooling capacity	kW	10.000.0	14.58~3.66
Power input	kW	0.0000.00	4.04~0.55
EER		6.7~3.8	6.63~3.61
Rated voltage	Hz/V	380V/3/50 Hz	380V/3/50 Hz
Maximum input power	kW	6.21	5.962
Maximum input current	A	11.3	7.46
Water flow volume	m ³ /h	12	9
Refrigerant		R32/1300g	R32/1170g
Noise level		<46dB(A)	≤46dB(A)
Working temperature range	C°	-15~43	-15~43
Net dimensions (L×W×H)	mm	1084x460x869	1056x416x744
Net weight	kg	9.8	8.6
Heating capacity1 at Air26°C Hygro80%, Water 26°C in, 28°C out Heatingcapacity2 at Air 15l,Hygro70%, Water 26°C in,28°C out Cooling capacity air35°C,water 29°Cin,27°C out			