



MHP35KS-02

Swimming pool Heatpump



Features:

1. Fully Inverter with R32 gas. High-end Mitsubishi.
2. Heating & Cooling function.
3. DC Inverter Fan motor. Ultra quiet operation.
4. Automatic defrosting.
5. Intelligent logic to offer constant pool temperature.
6. Electronic Expansion Valve
7. COP up to 13
8. Wifi Smart App and web IOT platform

Model No.		7kW	9kW	12kW	15kW	18kW	35kW
Sales model		MHP7KS-02	MHP9KS-02	MHP12KS-02	MHP15KS-02	MHP18KS-02	MHP35KS-02
* Heating Capacity at Air 26℃, Humidity 80%, Water 26℃ in, 28℃ out							
Heating Capacity	kW	7.6~1.7	9.5~2.3	12~3.0	15~3.8	18~4.8	35~8.8
Power Input	kW	1.12~0.11	1.40~0.15	1.91~0.19	2.5~0.24	3.09~0.30	5.15~0.56
COP	/	12.8~6.8	12.8~6.8	13~6.8	12.8~6.8	12.8~6.8	12.8~6.8
* Heating Capacity at Air 15℃, Humidity 70%, Water 26℃ in, 28℃ out							
Heating Capacity	kW	6.1~1.4	7.6~1.9	9.8~2.3	12.5~3	16.5~3.8	25.5~6.4
Power Input	kW	1.24~0.18	1.55~0.25	1.96~0.30	2.76~0.39	3.37~0.5	5.2~0.84
COP	/	7.2~4.9	7.6~4.9	7.6~5	7.6~4.9	7.6~4.9	7.6~4.9
* Cooling Capacity at Air 35℃, Water 29℃ in, 27℃ out							
Cooling Capacity	kW	4.2~1.0	5.3~1.3	7.2~1.7	9.4~2.1	11.6~2.7	19.3~4.9
Power Input	kW	1.11~0.15	1.4~0.19	1.89~0.25	2.47~0.31	3.05~0.4	5.08~0.99
EER	/	6.2~3.5	6.0~3.4	6.5~3.6	6.5~3.6	6.5~3.6	6.4~3.5
* General data							
Power supply	V/Ph/Hz	220~240V/1/50				380~415V/3/50	
Max Power Input	kW	1.55	1.78	2.6	3.15	3.75	7.25
Max Current	A	7.3	8.3	11.8	14.5	17.5	12.8
Water Flow Volume	m3/h	2.5	3.5	4.5	5.5	6.5	12
Refrigerant	/	R32					
Heat Exchanger	/	Titanium					
Air Flow Direction	/	Horizontal					
Kind of defrost	/	by 4-way valve					
compressor	/	Mitsubishi					
Casing Material	/	ABS					
Water Proof Level	/	IPX4					
Working temp. range	℃	-15~43					
Water Pipe connection size	/	DN50					
Noise level 1m	dB(A)	39~49	40~52	42~53	43~55	45~56	49~59
Noise level 10m	dB(A)	20~29	20~32	22~33	23~35	25~36	29~39
Net Weight	kg	42	43	43	46	50	81
Gross Weight	kg	53	54	54	57	62	110
Net Dimensions	mm	880*340*590		920*380*650			1092*445*742
Package Dimensions	mm	930*400*640		990*440*760			1150*460*870