

Model	MS110	MS130	MS150	MS170	MS210	MS280
PERFORMANCE CONDITION:	Air 27°C/ Water 27°C/ Humid. 80%					
Heating capacity (kW)	11.0	13.0	15.0	17.5	21.0	28.0
COP Range	14~7.0	14.5~7.0	15~7.0	15.6~7.0	14.8~7.1	15.8~7.1
Average COP at 50% speed	10.3	10.5	11.0	11.0	11.0	10.8
PERFORMANCE CONDITION:	Air 15°C/ Water 26°C/ Humid. 70%					
Heating capacity (kW)	7.7	9.0	10.5	12.5	14.5	19.0
COP Range	7.3~4.7	7.5~5	7.7~4.9	7.7~5.0	7.1~5.0	8~5.0
Average COP at 50% speed	6.6	6.4	6.8	6.6	6.6	6.5
TECHNICAL SPECIFICATIONS						
Advised pool volume (m ³) *	30~55	35~65	40~70	40~80	50~95	60~120
Operating air temperature (°C)	-10°C ~ 43°C					
Compressor	Twin-rotary Mitsubishi DC Compressor					
Casing	Aluminum-alloy Casing					
Heat exchanger	Twisted Titanium Heat Exchanger					
Power supply	230V 1Ph					400V 3Ph
Rated input power (kW)	0.22~1.64	0.26~1.8	0.28~2.15	0.33~2.50	0.38~2.90	0.49~3.80
Input power at 50% speed (kW)	0.58	0.7	0.77	0.95	1.1	1.46
Rated input current (A)	0.96~7.13	1.13~7.83	1.22~9.32	1.44~10.9	1.66~12.7	0.71~5.51
Sound level at 1m dB(A)	36.6~47.9	40.1~48.7	39.3~52	41.1~51.8	38.9~52.2	41.5~52.9
Sound level 50% at 1m dB(A)	41.3	43.7	44	44.5	44.4	47
Sound level at 10m dB(A)	16.6~27.9	20.1~28.7	19.3~32	21.1~31.8	18.9~32.2	21.5~32.9
Advised water flux (m ³ /h)	3~5	4~6	5~7	6~8	8~10	10~12
Water connection (mm)	50	50	50	50	50	50
Net weight (kg)	55	57	61	66	72	96
Net dimension LxWxH (mm)	890*440*658	890*440*658	970*440*658	1060*440*658	1060*440*758	1060*440*958

Remarks: * Advised pool volume applies to a private pool with isothermal cover, from April to September.

* The data above is only for reference. For specific data, please refer to the nameplate on the unit.