


MTP-12 Series -Air to Water Swimming Pool Heat Pump									
Model		MAR-4SS	MAR-7SS	MAR-9SS	MAR-13ST	MAR-20ST/2	MAR-25ST/2	MAR-40ST/2	
Product Code		1P	1.5P	2P	3P	5P	6P	10P	
Power Supply		V/Ph/Hz	220-240/1/50			380/3/50			
Refrigerant	Type	R410a							
Rated Output Water Temperature		32°C							
Maximum Output Water Temperature		45°C							
Ambient Temp		-7°C - 45°C							
Heating Capacity		kW	4.00	6.27	8.50	12.50	19.80	24.00	39.50
Heating power Input		kW	0.75	1.14	1.55	2.27	3.81	4.62	7.60
Operating Current		A	3.45	5.20	6.70	10.35	5.90	7.00	11.55
COP		W/W	5.30	5.50	5.50	5.50	5.20	5.20	5.20
Cooling Capacity		kW	2.60	3.90	5.30	7.80	13.00	15.60	26.00
Cooling Power Input		kW	0.84	1.26	1.71	2.52	4.19	5.03	8.52
Operating Current		A	3.83	5.75	7.90	11.50	6.40	7.70	12.96
EER		W/W	3.10	3.10	3.10	3.10	3.10	3.10	3.05
Compressor	Type	GMCC			Scroll				
Water Side Heat Exchanger	Type	Titanium tube							
Air Side Heat Exchanger	Type	High efficiency copper tube(Interior Screw) nested in aluminium fin							
Operating Control	Type	Full-automatic, intelligence							
	Control panel		LED display, back light						
	Main Function	Display	Water tank temp.,Ambient temp.,Time, Operating mode, Discharge temp. Coil temp. Error code						
		Setting	Time, Time On/Off, Water tank temp., Defrosting cycle, Start temp. of defrosting, Exit temp. of defrosting, Exit cycle of defrosting, Power lost memory						
Defrosting	Type	Automatic 4 Way Valve Reverse							
Protection Function		Compressor overload, Discharge temp. and etc.							
Dimensions	Length	mm	930	930	930	715	715	715	1405
	Width	mm	360	360	360	715	715	715	800
	Height	mm	550	550	550	830	1050	1050	1050
Unit noise Level		dB(A)	52	53	55	54	58	60	65
Net / Gross Weight		kg	45	50	55	90	120	130	250
Picture									
Note: 1. Rated heating conditions: ambient temperature 24°C,Water temperature: inlet 28°C 2. Rated cooling conditions: ambient temperature 35°C,Water temperature: inlet 20°C 3. The above designs and specifications might be changed without prior notice for product improvement									