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AIR SOURCE HEAT PUMP

Model	MT-	3.5kw	5kw	7.5kw	12kw	18kw	24kw	36kw	42kw	52kw	70kw	90kw
Picture												
		Water pump inside										
Heating Capacity	kW	3.5	5.0	7.5	12.0	18.0	24.0	36.0	42.0	52.0	70.0	90.0
Heating power input	kW	0.83	1.19	1.79	2.86	4.29	5.7	9.20	11.20	14.00	20.00	25.80
Operating current	A	3.8	5.45	8.20	13.00	6.55	8.7	14.00	17.00	26.00	30.00	39.60
Power supply	V/Ph/Hz	220/1/50						380/3/50				
COP	W/W	4.2	4.2	4.2	4.2	4.2	4.2	3.91	3.75	3.75	3.5	3.5
Rated output water temperature	℃	55										
Maximum output water temperature	℃	60										
Compressor	Type	Rotary					Scroll					
Refrigerant	Type	R410a										
Water side heat	Type	Tube-Tube type										
Air side heat	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	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	720	720	1185	1405	1405	1498	2000
	Width	mm	360	360	360	720	720	430	800	800	798	958
	Height	mm	550	550	550	820	1050	1255	1050	1050	1443	1905
Unit noise level	dB(A)	43	48	52	54	55	56	58	65	60	65	70
Net weight	kg	40	65	75	90	120	130	225	250	310	480	500

Note:

1. Rated heating conditions: ambient temperature 20°C, Water temperature: 15°C to 55°C

2. The above designs and specifications might be changed without prior notice for product improvement