

MTP-1-R744(CO2) Air to Water Dc Inverter Heat Pump

Model			MAM-7SHD/BP(250L)	MAM-8SHD/BP	MAM-14SHD/BP	MAM-30SHD/BP	MAM-40SHD/BP	MAM-75SHD/BP	MAM-120SHD/BP
Product Code									
Power Supply			220V/1PH/50 ~ 60Hz			380V/3PH/50 ~ 60Hz			
Refrigerant			CO2(R744)						
Ambient temp			-25°C - 43°C						
Rated Water Temp			55°C						
Max Water Temp			90°C						
Standard Temp	Heating Capacity	kW	6.8	7.8	13.6	30.5	40	75.5	125.4
(Air+20°C /Water In 15°C Out 60°C)	Hot Water Capacity	L/H	129.9	149	259.8	584	764	1442	2396
	Heating Water Capacity	kW	1.51	1.7	3	6.8	9	16.7	26.6
	COP	W/W	4.5	4.58	4.6	4.5	4.4	4.5	4.7
Low temp	Heating Capacity	kW	5.8	7	12.1	26	35	64	95
(Air+7°C/Water In 9°C Out 60 °C)	Hot Water Capacity	L/H	97.7	118	203.9	439	590	1079	1602
	Heating water capacity	kW	1.47	1.7	3	6.9	9.4	16.8	24.3
	COP	W/W	3.9	4.1	4.1	3.8	3.7	3.8	3.9
Ultra-Low temp	Heating Capacity	kW	5.3	6.5	11.2	19.5	28	49.1	78
(Air-7°C/Aater In 9°C Out 60 °C)	Hot Water Capacity	L/H	89.3	109	188.8	330	472	826	1315
	Heating Water Capacity	kW	1.46	1.71	2.9	6.8	10.1	16.8	26
	COP	W/W	3.62	3.8	3.9	2.9	2.8	2.9	3
Heating Type			Direct						
Compressor	Type		Panasonic						
Water pump	Brand		Nidec			Wilo			
	Power	kW	0.05	0.05	0.08	0.37	0.37	0.55	1.1
Defrosting Type			Bypass						
Water Connection Pipe Sizemm	mm		DN15	DN20				DN25	
Water Side Heat Exchanger	Type		Tube-Tube Type						
Air Side Heat Exchanger	Type		High efficiency copper tube(Interior Screw) nested in aluminium fin						
Dimensions	Length	mm	850	910	1060	1580	1580	2046	2468
	Width	mm	680	488	488	800	830	1106	1368
	Height	mm	2060	1000	1380	1500	2100	2300	2413
Noise	dB(A)		45	46	48	49	54	60	65
Net weight	kg		132	130	200	525	650	980	1350
Inverter			Dc Inverter						

Picture

