

High Temp Air to Water Heat Pump Product Catalog



Company Overview



Modhot Heat Pump Tech Co., Ltd is a renewable energy company specializing in the research and development of heat pump technology and the manufacturing of related products. Established for over twenty years, our company is dedicated to the design, development, production, and sales of ultra-low temperature air source direct current variable frequency heat pumps. Our products are widely used in various fields including residential and commercial air conditioning, underfloor heating, hot water supply, refrigeration, domestic hot water, and swimming pool temperature control. We use environmentally friendly refrigerants such as R410A, R32, and R290.

Equipped with top-notch facilities and advanced testing methods, we focus on providing high-quality and cost-effective products and services to our customers. Our team consists of professionals from around the world, covering management, technology, marketing, planning, public relations, and after-sales service. By establishing a comprehensive enterprise management system, we have built a multinational and cross-regional operation platform, facilitating the smooth expansion of core technologies and global business.

Our product quality has been proven in various market environments and is exported to regions including Northern Europe, Norway, Sweden, and Germany. To meet customer and market demands, we integrate units and engineering support into modular hot water, refrigeration, and heating equipment. These equipment are assembled and rigorously tested in the factory, requiring only simple water and electrical connections upon arrival at the site. We utilize IoT technology to monitor the operation data of units in real time, ensuring that product production and testing functions meet the highest standards.

With over twenty years of experience and a strong product design database, we can provide customized product solutions to customers, covering structural design, controller and refrigeration system scheme design, prototype manufacturing, performance testing, and mass supply.

By choosing us, you will experience energy-efficient, safe, and comfortable solutions, along with attentive pre-sales, in-sales, and after-sales services. Our company is located in Shunde Jilong Industrial Zone, Foshan City, Guangdong Province.

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



MTP-2-Series-Modular 150°C Steam Two-Stage Air to Water Dc Inverter Heat Pump

Product Features

1. Double stage coupling refrigeration cycle system design, a R410A & R32 system, two stage R1233zd system
2. EVI DC inverter two stage heat pump
3. Maximum outlet temperature 150°C
4. Ambient temperature range: -35°C~43°C
5. Unit modular design, multiple units in parallel to increase the total heat, centralized control
6. Wifi remote control unit

Model		MTM-43SHD/BP2	MTM-86SHD/BP2	MTM-172SHD/BP2	MTM-43SHD/BP2A	MTM-86SHD/BP2A	MTM-172SHD/BP2A	
Product Code								
Power Supply		3/380~415V/50HZ			3/380~415V/50HZ			
Refrigerant		R410a for stage 1/R1233zd for stage2			R410a for stage 1/R1233zd for stage2			
Ambient Temp		-35 °C - 43°C						
Heating Water Range		120°C - 150°C						
Outlet Direction		SIDE	SIDE	TOP UP	SIDE	SIDE	TOP UP	
Stage 1		Evi R410A Dc Inverter System			Evi R32 Dc Inverter System			
Stage 2		R1233zd ON/OFF System			R1233zd ON/OFF System			
Heating A20°C W110°C/W130°C	Heating Capacity	KW	43.00	86.00	172.00	43.00	86.00	172.00
	Power Inlet	KW	21.80	43.60	87.20	21.80	43.60	87.20
	COP	W/W	1.97	1.97	1.97	1.97	1.97	1.97
Heating A7°C W110°C/W130°C	Heating Capacity	KW	38.00	76.00	152.00	38.00	76.00	152.00
	Power Inlet	KW	20.00	40.00	80.00	20.00	40.00	80.00
	COP	W/W	1.90	1.90	1.90	1.90	1.90	1.90
Heating A-7°C W110°C/W130°C	Heating Capacity	KW	35.00	70.00	140.00	35.00	70.00	140.00
	Power inlet	KW	2150.00	38.00	76.00	2150.00	38.00	76.00
	COP	W/W	0.02	1.84	1.84	0.02	1.84	1.84
Heating A-25°C W110°C/W130°C	Heating Capacity	KW	30.00	60.00	90.00	30.00	60.00	90.00
	Power Inlet	KW	20.50	41.00	82.00	20.50	41.00	82.00
	COP	W/W	1.35	1.34	1.34	1.35	1.34	1.34
Water Flow Volume	m ³ /h	8	16	32	8	16	32	
Dimension	mm	1200*650*2150	1900*650*2150	1900*1200*2150	1200*650*2150	1900*650*2150	1900*1200*2150	
Net/Gross Weight	kg	142	500	1200	142	500	1200	
Waterproof Level		IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	
Electric Shock Protecting Grade		I	I	I	I	I	I	
Design Pressure	MPa	4.2	4.2	4.2	4.2	4.2	4.2	
Noise Level	dB(A)	≤53.0	≤58.0	≤59.0	≤53.0	≤58.0	≤59.0	

Picture



Note:

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MTP-3-Series-Modular 150°C Steam Water Source Heat Pump

Product Features

- 1.R1233zd Water Source Heat Pump
- 2.Maximum outlet temperature 150°C
- 3.Unit modular design, multiple units in parallel to increase the total heat, centralized control
- 4.Wifi remote control unit

Model		MWR-65H/2	MWR-130H/2	MWR-260H/2	MWR-520H/2	
Product Code						
Power Supply		3/380~415V/50HZ				
Refrigerant		R1233zd				
Ambient Temp		/				
Heating Water Range		120°C - 150°C				
Steam Flow	Kg/h	90	180	360	720	
Steam Pressure	MPa	0.1	0.1	0.1	0.1	
Steam Pressure Range	MPa	0.0—0.1	0.0—0.1	0.0—0.1	0.0—0.1	
Heating Water Source:55°C/50°C Outlet W110°C/W130°C	Heating Capacity	KW	65.0	130.0	260.0	520.0
	Power Inlet	KW	20.6	41.8	83.6	167.0
	COP	W/W	3.2	3.1	3.1	3.1
Water Flow Volume	m ³ /h	12.0	24.0	48.0	96.0	
Dimension	mm	650*650*1600	650*650*1600	1200*1200*1800	900*900*1800	
Net/Gross weight	kg	142.0	500.0	800.0	1200.0	
Waterproof Level		IPX4	IPX4	IPX4	IPX4	
Electric Shock Protecting Grade		I	I	I	I	
Design Pressure	MPa	4.2	4.2	4.2	4.2	
Noise Level	dB(A)	≤53.0	≤58.0	≤59.0	≤53.0	

Picture



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MTP-4-Series-Modular 120°C Steam Two-Stage Air to Water Dc Inverter Heat Pump

Product Features

1. Double stage coupling refrigeration cycle system design, a R410A & R32 system, two stage R245fa system
2. EVI DC inverter two stage heat pump
3. Maximum outlet temperature 120°C
4. Ambient temperature range: -35°C~43°C
5. Unit modular design, multiple units in parallel to increase the total heat, centralized control
6. Wifi remote control unit

Model		MTM-43SHD/BPA2	MTM-86SHD/BPA2	MTM-172SHD/BPA2	MTM-43SHD/BPA2A	MTM-86SHD/BPA2A	MTM-172SHD/BPA2A	
Product Code								
Power supply		3/380~415V/50HZ			3/380~415V/50HZ			
Refrigerant		R410a for stage 1/R245fa for stage2			R32 for stage 1/R245fa for stage2			
Ambient Temp		-35 °C - 43°C						
Heating Water Range		100°C - 120°C						
Outlet Direction		SIDE	SIDE	TOP UP	SIDE	SIDE	TOP UP	
Stage 1		Evi R410A Dc Inverter System			Evi R32 Dc Inverter System			
Stage 2		R245fa ON/OFF System			R245fa ON/OFF System			
Heating A20°C W100°C/W120°C	Heating Capacity	KW	43.00	86.00	172.00	43.00	86.00	172.00
	Power Inlet	KW	21.80	43.60	87.20	21.80	43.60	87.20
	COP	W/W	1.97	1.97	1.97	1.97	1.97	1.97
Heating A7°C W100°C/W120°C	Heating Capacity	KW	38.00	76.00	152.00	38.00	76.00	152.00
	Power Inlet	KW	20.00	40.00	80.00	20.00	40.00	80.00
	COP	W/W	1.90	1.90	1.90	1.90	1.90	1.90
Heating A-7°C W100°C/W120°C	Heating Capacity	KW	35.00	70.00	140.00	35.00	70.00	140.00
	Power Inlet	KW	2150.00	38.00	76.00	2150.00	38.00	76.00
	COP	W/W	0.02	1.84	1.84	0.02	1.84	1.84
Heating A-25°C W100°C/W120°C	Heating Capacity	KW	30.00	60.00	90.00	30.00	60.00	90.00
	Power Inlet	KW	20.50	41.00	82.00	20.50	41.00	82.00
	COP	W/W	1.35	1.34	1.34	1.35	1.34	1.34
Water Flow Volume	m ³ /h	8	16	32	8	16	32	
Dimension	mm	1200*650*2150	1900*650*2150	1900*1200*2150	1200*650*2150	1900*650*2150	1900*1200*2150	
Net/Gross Weight	kg	142	500	1200	142	500	1200	
Waterproof Level		IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	
Electric Shock Protecting Grade		I	I	I	I	I	I	
Design Pressure	MPa	4.2	4.2	4.2	4.2	4.2	4.2	
Noise Level	dB(A)	≤53.0	≤58.0	≤59.0	≤53.0	≤58.0	≤59.0	

Picture



Note:

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MTP-5-Series-Modular 120°C Steam Water Source Heat Pump

Product Features

- 1.R245fa Water Source Heat Pump
- 2.Maximum outlet temperature 120°C
- 3.Unit modular design, multiple units in parallel to increase the total heat, centralized control
- 4.Wifi remote control unit

Model		MWR-65H/A2	MWR-130H/A2	MWR-260H/A2	MWR-520H/A2	
Product Code						
Power Supply		3/380~415V/50HZ				
Refrigerant		R245fa				
Ambient Temp		/				
Heating Water Range		120°C - 150°C				
Steam Flow	Kg/h	90	180	360	720	
Steam Pressure	MPa	0.1	0.1	0.1	0.1	
Steam Pressure Range	MPa	0.0—0.1	0.0—0.1	0.0—0.1	0.0—0.1	
Heating Water Source:55°C/50°C Outlet W100°C/W120°C	Heating Capacity	KW	65.0	130.0	260.0	520.0
	Power Inlet	KW	20.6	41.8	83.6	167.0
	COP	W/W	3.2	3.1	3.1	3.1
Water Flow Volume	m ³ /h	12.0	24.0	48.0	96.0	
Dimension	mm	650*650*1600	650*650*1600	1200*1200*1800	900*900*1800	
Net/Gross Weight	kg	142.0	500.0	800.0	1200.0	
Waterproof Level		IPX4	IPX4	IPX4	IPX4	
Electric Shock Protecting Grade		I	I	I	I	
Design Pressure	MPa	4.2	4.2	4.2	4.2	
Noise Level	dB(A)	≤53.0	≤58.0	≤59.0	≤53.0	

Picture



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MTP-6-Series-Modular 95°C Two-Stage Air to Water Dc Inverter Heat Pump

Product Features

1. Double stage coupling refrigeration cycle system design, a R410A & R32 system, two stage R515B system
2. EVI DC inverter two stage heat pump
3. Maximum outlet temperature 95°C
4. Ambient temperature range: -35°C~43°C
5. Unit modular design, multiple units in parallel to increase the total heat, centralized control
6. Wifi remote control unit

Model		MTM-30SHD/BP2A2	MTM-60SHD/BP2A2	MTM-120SHD/BP2A2	MTM-30SHD/BP3A2	MTM-60SHD/BP3A2	MTM-120SHD/BP3A2	
Product Code								
Power Supply		3/380~415V/50HZ			3/380~415V/50HZ			
Refrigerant		R410a for stage 1/R515B for stage2			R32 for stage 1/R515B for stage2			
Ambient Temp		-35 °C - 43°C						
Heating Water Range		100°C - 120°C						
Outlet Direction		SIDE	SIDE	TOP UP	SIDE	SIDE	TOP UP	
Stage 1		Evi R410A Dc Inverter System			Evi R32 Dc Inverter System			
Stage 2		R515B ON/OFF System			R515B ON/OFF System			
Heating A20°C W65°C/W70°C	Heating Capacity	KW	30.00	60.00	120.00	30.00	60.00	120.00
	Power Inlet	KW	14.00	28.00	56.00	14.00	28.00	56.00
	COP	W/W	2.14	2.14	2.14	2.14	2.14	2.14
Heating A7°C W65°C/W70°C	Heating Capacity	KW	25.00	50.00	100.00	25.00	50.00	100.00
	Power Inlet	KW	13.00	26.00	52.00	13.00	26.00	52.00
	COP	W/W	1.92	1.92	1.92	1.92	1.92	1.92
Heating A-7°C W65°C/W70°C	Heating Capacity	KW	22.00	44.00	88.00	22.00	44.00	88.00
	Power Inlet	KW	12.00	24.00	48.00	12.00	24.00	48.00
	COP	W/W	1.83	1.83	1.83	1.83	1.83	1.83
Heating A-25°C W65°C/W70°C	Heating Capacity	KW	20.00	40.00	80.00	20.00	40.00	80.00
	Power Inlet	KW	14.00	28.00	56.00	14.00	28.00	56.00
	COP	W/W	1.35	1.34	1.34	1.35	1.34	1.34
Water Flow Volume		m ³ /h	6	12	24	6	12	24
Dimension		mm	1200*650*2150	1900*650*2150	1900*1200*2150	1200*650*2150	1900*650*2150	1900*1200*2150
Net/Gross Weight		kg	142	500	1200	142	500	1200
Waterproof Level			IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Electric Shock Protecting Grade			I	I	I	I	I	I
Design Pressure		MPa	4.2	4.2	4.2	4.2	4.2	4.2
Noise Level		dB(A)	≤53.0	≤58.0	≤59.0	≤53.0	≤58.0	≤59.0

Picture



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MTP-7-Series-Modular 85°C Two-Stage Air to Water Dc Inverter Heat Pump

Product Features

1. Double stage coupling refrigeration cycle system design, a R410A & R32 system, two stage R134A system
2. EVI DC inverter two stage heat pump
3. Maximum outlet temperature 85°C
4. Ambient temperature range: -35°C~43°C
5. Unit modular design, multiple units in parallel to increase the total heat, centralized control
6. Wifi remote control unit

Model		MTM-30SHD/BP2A2	MTM-60SHD/BP2A2	MTM-120SHD/BP2A2	MTM-30SHD/BP3A2	MTM-60SHD/BP3A2	MTM-120SHD/BP3A2	
Product Code								
Power Supply		3/380~415V/50HZ			3/380~415V/50HZ			
Refrigerant		R410a for stage 1/R134A for stage2			R32 for stage 1/R134A for stage2			
Ambient Temp		-35 °C - 43°C						
Heating Water Range		100°C - 120°C						
Outlet Direction		SIDE	SIDE	TOP UP	SIDE	SIDE	TOP UP	
Stage 1		Evi R410A Dc Inverter System			Evi R32 Dc Inverter System			
Stage 2		R134A ON/OFF System			R134A ON/OFF System			
Heating A20°C W65°C/W70°C	Heating Capacity	KW	30.00	60.00	120.00	30.00	60.00	120.00
	Power Inlet	KW	14.00	28.00	56.00	14.00	28.00	56.00
	COP	W/W	2.14	2.14	2.14	2.14	2.14	2.14
Heating A7°C W65°C/W70°C	Heating Capacity	KW	25.00	50.00	100.00	25.00	50.00	100.00
	Power Inlet	KW	13.00	26.00	52.00	13.00	26.00	52.00
	COP	W/W	1.92	1.92	1.92	1.92	1.92	1.92
Heating A-7°C W65°C/W70°C	Heating Capacity	KW	22.00	44.00	88.00	22.00	44.00	88.00
	Power Inlet	KW	12.00	24.00	48.00	12.00	24.00	48.00
	COP	W/W	1.83	1.83	1.83	1.83	1.83	1.83
Heating A-25°C W65°C/W70°C	Heating Capacity	KW	20.00	40.00	80.00	20.00	40.00	80.00
	Power Inlet	KW	14.00	28.00	56.00	14.00	28.00	56.00
	COP	W/W	1.35	1.34	1.34	1.35	1.34	1.34
Water Flow Volume	m ³ /h	6	12	24	6	12	24	
Dimension	mm	1200*650*2150	1900*650*2150	1900*1200*2150	1200*650*2150	1900*650*2150	1900*1200*2150	
Net/Gross Weight	kg	142	500	1200	142	500	1200	
Waterproof Level		IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	
Electric Shock Protecting Grade		I	I	I	I	I	I	
Design Pressure	MPa	4.2	4.2	4.2	4.2	4.2	4.2	
Noise Level	dB(A)	≤53.0	≤58.0	≤59.0	≤53.0	≤58.0	≤59.0	

Picture



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MTP-8-Series-R410A R32 R290 R454C Evi Air to Water Dc Inverter Heat Pump with Doublewall

Product Features

1. Doublewall heat exchangers have two walls between the two fluids
2. Two walls are often used when the heat-transfer fluid is toxic
3. such as ethylene glycol (antifreeze)
4. Double walls are often required as a safety measure in case of leaks
5. helping ensure that the antifreeze does not mix with the potable water supply

Model		MAR-9CD/BPD	MAR-15CD/BPD2	MAR-30CD/BPD2	MAR-9CD/BPDA	MAR-15CD/BPDA2	MAR-30CD/BPDA2	MAR-9CD/BPDB	MAR-15CD/BPDB2	MAR-30CD/BPDB2	
Product Code											
Power Supply		220-240V, 50Hz	3/380-415V/50HZ	3/380-415V/50HZ	220-240V, 50Hz	3/380-415V/50HZ	3/380-415V/50HZ	220-240V, 50Hz	3/380-415V/50HZ	3/380-415V/50HZ	
Refrigerant		R410a or R32			R290			R454C			
Ambient Temp		-25 °C - 43°C									
Heating Water range		20°C - 55°C									
Cooling water range		7°C - 35°C									
Heating1 (A+7°C W45°C/W50°C)	Capacity	KW	8.00	16.00	32.00	8.00	16.00	32.00	8.00	16.00	32.00
	Power Input	KW	2.30	4.60	9.00	2.30	4.60	9.00	2.30	4.60	9.00
	COP	W/W	3.48	3.48	3.56	3.48	3.48	3.56	3.48	3.48	3.56
Heating2 (A -12°C W45°C/W50°C)	Capacity	KW	7.6	13.10	26.10	7.6	13.10	26.10	7.6	13.10	26.10
	Power Input	KW	3.20	5.50	10.70	3.20	5.50	10.70	3.20	5.50	10.70
	COP	W/W	2.38	2.38	2.44	2.38	2.38	2.44	2.38	2.38	2.44
Heating3 (A -25°C W45°C/W50°C)	Capacity	KW	5.10	8.36	16.50	5.10	8.36	16.50	5.10	8.36	16.50
	Power Input	KW	2.60	4.20	8.10	2.60	4.20	8.10	2.60	4.20	8.10
	COP	W/W	1.96	1.99	2.04	1.96	1.99	2.04	1.96	1.99	2.04
Cooling (A +35°C W12°C/W7°C)	Capacity	KW	6.80	13.50	24.00	6.80	13.50	24.00	6.80	13.50	24.00
	Power Input	KW	2.50	4.90	9.00	2.50	4.90	9.00	2.50	4.90	9.00
	COP	W/W	2.72	2.76	2.67	2.72	2.76	2.67	2.72	2.76	2.67
Water pump	Power Input	W	80	190	250	80	190	250	80	190	250
	Rated current	A	0.36	0.86	1.14	0.36	0.86	1.14	0.36	0.86	1.14
Dimension		mm	940*375*800	940*375*1340	1300*650*2100	940*375*800	940*375*1340	1300*650*2100	940*375*800	940*375*1340	1300*650*2100
Net/Gross Weight		kg	95.0	130.0	180.0	95.0	130.0	180.0	95.0	130.0	180.0
Air Flow		m ³ /h	2800	5600	10000	2800	5600	10000	2800	5600	10000
(Water)Flow rate		m ³ /h	1.6	2.6	3.3	1.6	2.6	3.3	1.6	2.6	3.3
Design Pressure		MPa	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
Noise Level(1 M)		dB(A)	≤53.0	≤55.0	≤55.0	≤53.0	≤55.0	≤55.0	≤53.0	≤55.0	≤55.0

Picture



Note:

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






MTP-9-Series-DOMESTIC Air to Water Heat Pump





Model		AM3A-H2XP	AM5A-H2XP	AM7A-H2XP
Power Supply		230V/1N~ 50Hz		
Type of Refrigerant	--	R410a	R410a	R410a
Nominal Heating Capacity ¹⁾	kW	3.5	5	7.5
Nominal Power Input ¹⁾	kW	0.82	1.15	1.71
COP ¹⁾	w/w	4.2	4.3	4.3
Max. Running Current	Amp	6.3	8	13.5
Type of Compressor	--	Rotary	Rotary	Rotary
Number of Compressor	ea	1	1	1
Charged Refrigerant	kg	0.8	0.9	1.1
Expansion Valve	--	EEV/Capillary	EEV/Capillary	EEV/Capillary
Way of Defrost		Reverse Cycle	Reverse Cycle	Reverse Cycle
Type of Fan Motor		Axial, AC	Axial, AC	Axial, AC
Fan Discharge Direction		SIDE	SIDE	SIDE
Number of Fan Motor		1	1	1
Air Heat Exchanger		Hydrophilic Al. Fin-Tube Air Heat Exchanger		
Type of Water Pump		AC	AC	AC
Number of Water Pump	pc	1	1	1
Residual Head of Water Pump	kPa	30	20	15
Nominal Outlet Water Temperature	°C	55		
Water Flow Rate	m3/h	0.64	0.84	1.3
Water Heat Exchanger (Condenser)	--	Copper Tube in Shell Water Heat Exchanger		
Approved Liquid		Clean Water		
Water Piping Connections	inch	Female 3/4"	Female 3/4"	Female 3/4"
Hot Water Production Volume ¹⁾	Ltrs/h	75	108	160
Suggested Tank Size Range	Liters	80 to 250	80 to 300	80-500
Heat-up time for 100Ltrs ¹⁾	hour	1.33	0.93	0.62
Operation Temperature Range	°C	Air side: -5 to 43		
Type of Controller		Wired Controller Panel with LCD display and buttons		
Protection Grade		IPX4	IPX4	IPX4
Noise Level	dB(A)	56	56	58
Dimension	mm	750x264x505	930x282x550	996x300x620
Plywood Packing Dimension	mm	940x430x710	1020x460x710	1170x430x820
Net Weight	kg	41	54	65
Gross Weight (Carton/Plywood)	kg	46 / 60	59 / 70	70 / 87
Picture				

Note:

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

MTP-10-Series-COMMERCIAL Air to Water Heat Pump-V1

Model		MAM010B	MAM018B	MAM021B	MAM036B	MAM045B
Power Supply		380V/3N~ 50Hz	380V/3N~ 50Hz	380V/3N~ 50Hz	380V/3N~ 50Hz	380V/3N~ 50Hz
Type of Refrigerant	--	R407c (R410a)	R407c (R410a)	R407c (R410a)	R407c (R410a)	R407c (R410a)
Rated Heating Output 1)	kW	10	18	21.5	36	45
Coefficient of Performance (COP) 1)		4.06	4.1	4	4	4
Rated Input Power 1)	kW	2.46	4.4	5.38	9	11.25
Rated Running Current 1)	MAMp	4.4	7.8	11.5	17	19.5
Max. Running Current	MAMp	7.4	14	16	25	30
No. of Compressor	unit	1	1	1	2	2
Brand/Type of Compressor		Scroll	Scroll	Scroll	Scroll	Scroll
Min/Max Operating Outdoor Temperature	°C	-7 to 43	-7 to 43	-7 to 43	-7 to 43	-7 to 43
Circulation Water Flow (ΔT=5°C)	m³/h	1.72	3.1	4.3	6.2	7.8
Hot Water Production Volume 1)	Ltrs/h	210	380	490	774	968
Rated Water Outlet Temperature 2)	°C	55	55	55	55	55
Min/Max. Water Outlet Temperature	°C	30 to 60	30 to 60	30 to 60	30 to 60	30 to 60
Water Pressure Drop	kPa	45	60	60	50	50
Water In/Out Connection Size	inch	3/4" -F	1"-F	1-1/4" -F	1-1/2" -F	1-1/2" -F
Type of Controller		Wired Controller Panel with Display and Buttons				
Expansion Valve 5)		EEV	EEV	EEV	EEV	EEV
Way of Defrost		Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle
Type of Water Heat Exchanger (Condenser)		Copper, Tube-in-Shell Heat Exchanger				
Type of Air Heat Exchanger (Evaporator)		Hydrophilic Aluminium Fin-Tube Heat Exchanger				
Air Discharge Direction		Vertical	Vertical	Vertical	Vertical	Vertical
No. of Fan Motor		1	1	1	2	2
Protection Grade		IPx4	IPx4	IPx4	IPx4	IPx4
Noise (at distance 1m)	dB(A)	56	56	59	60	68
Dimension (WxDxH)	mm	750x690x870	750x690x1070	830x793x1084	1500x690x1070	1500x690x1370
Packing Dimension (WxDxH, Plywood)	mm	860x810x1020	880x810x1230	930x870x1240	1680x780x1230	1710x850x1550
Net Weight	kg	110	130	150	240	270
Gross Weight (Plywood/Solid Wood)	kg	130	160	185	300	335
Picture						

Model		MAM065B	MAM075B	MAM090B	MAM120B
Power Supply		380V/3N~ 50Hz	380V/3N~ 50Hz	380V/3N~ 50Hz	380V/3N~ 50Hz
Type of Refrigerant	--	R407c (R410a)	R407c (R410a)	R407c (R410a)	R410a
Rated Heating Output 1)	kW	65	75	90	120
Coefficient of Performance (COP) 1)		4	4	4	4.1
Rated Input Power 1)	kW	16.12	18.75	22	29.3
Max. Input Power 2)	kW	?	?	?	41.5
Rated Running Current 1)	MAMp	30	30	40	53
Max. Running Current	MAMp	45	45	60	75
No. of Compressor	unit	3	3	2	2
Brand/Type of Compressor		Scroll	Scroll	Scroll	Scroll
Charged Refrigerant x Compressor Qty	kg	7.5x2	7.5x2	8.5*2	9.5x2
Min/Max Refrigeration Working Pressure	MPa	0.05/3	0.05/3	0.05/3	1.5/45
Min/Max Operating Outdoor Temperature	°C	-7 to 43	-7 to 43	-7 to 43	-7 to 43
Circulation Water Flow (ΔT=5°C)	m³/h	12.4	12.4	15.5	20.6
Hot Water Production Volume 1)	Ltrs/h	1505	1505	1953	2580
Heat-up time for 1000Ltrs 1)	hour	0.07	0.07	?	0.43
Rated Water Outlet Temperature 2)	°C	55	55	55	55
Min/Max. Water Outlet Temperature	°C	30 to 60	30 to 60	30 to 60	30 to 60
Water Pressure Drop	kPa	70	70	70	70
Suggest Size of Water Tank 4)	Ltrs	?	?	?	?
Water In/Out Connection Size	inch	DN65-Flange	DN65-Flange	DN65-Flange	DN100-Flange
Total Hardness of Clean Water 3)	ppm	<50	<50	<50	<50
Max. Operating Water Pressure 4)	MPa	1	1	1	1
Type of Heat Pump		Air to Water		Air to Water	Air to Water
Type of Controller					
Expansion Valve 5)		EEV	EEV	TEV	EEV
Way of Defrost		Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle
Type of Water Heat Exchanger (Condenser)		Copper, Tube-in-Shell Heat Exchanger			
Type of Air Heat Exchanger (Evaporator)		Hydrophilic Aluminium Fin-Tube Heat Exchanger			
Fin Space of Evaporator	mm	2	2	2	2
Air Discharge Direction		Vertical	Vertical	Vertical	Vertical
No. of Fan Motor		3	2	2	2
Protection Grade		IPx4	IPx4	IPx4	IPx4
Noise (at distance 1m)	dB(A)	72	72	72	72
Dimension (WxDxH)	mm	2095x1005x1855	2095x1005x1855	2020x990x1950	2100x1100x2180
Packing Dimension (WxDxH, Plywood)	mm	2195x1105x1955	2195x1105x1955	2120x1090x1990	2250x1260x2260
Net Weight	kg	700	700	750	780
Gross Weight (Plywood/Solid Wood)	kg	750	750	830	870
Picture					

Note:
The above designs and specifications might be changed without prior notice for product improvement


MTP-11-Series- EVI Air to Water Dc Inverter Split Heat Pump





Model		MAF-9SHD/BP	MAF-15SHD/BP	MAF-9SHD/BP1	MAF-15SHD/BP1	MAF-9SHD/BP2	MAF-15SHD/BP2	
Product Code								
Power Supply		220~240V,50Hz	3/380~415V/50HZ	220~240V,50Hz	3/380~415V/50HZ	220~240V,50Hz	3/380~415V/50HZ	
Refrigerant		R410a or R32		R290		R454C		
Ambient Temp		-25 °C - 43°C						
Heating Water Range		20 °C - 55 °C						
Heating1 (A+7°C W45°C/W50	Capacity	KW	8.00	16.00	8.00	16.00	8.00	16.00
	Power Input	KW	2.15	4.40	2.15	4.40	2.15	4.40
	COP	W/W	3.72	3.64	3.72	3.64	3.72	3.64
Heating2 (A -12°C W45°C/W50	Capacity	KW	7.6	13.10	7.6	13.10	7.6	13.10
	Power Input	KW	3.06	5.32	3.06	5.32	3.06	5.32
	COP	W/W	2.48	2.46	2.48	2.46	2.48	2.46
Heating3 (A -25°C W45°C/W50	Capacity	KW	5.10	8.36	5.10	8.36	5.10	8.36
	Power Input	KW	2.40	3.95	2.40	3.95	2.40	3.95
	COP	W/W	2.13	2.12	2.13	2.12	2.13	2.12
Electric heating		KW	3		3		3	
Current		A	13.6		13.6		13.6	
water pump	Input (L/M/H)	W	55/70/100	135/190/245	55/70/100	135/190/245	55/70/100	135/190/245
	Rated Current	A	0.24/0.30/0.43	0.58/0.82/1.06	0.24/0.30/0.43	0.58/0.82/1.06	0.24/0.30/0.43	0.58/0.82/1.06
Outdoor unit	Dimension	mm	940*375*800	940*375*1340	940*375*800	940*375*1340	940*375*800	940*375*1340
	Net/Gross Weight	kg	32.0	49.0	32.0	49.0	32.0	49.0
Indoor unit	Dimension	mm	710*680*1980	710*680*1980	710*680*1980	710*680*1980	710*680*1980	710*680*1980
	Net/Gross Weight	kg	142.0	168.0	142.0	168.0	142.0	168.0
Outdoor Air Flow		m ³ /h	2800	5600	2800	5600	2800	5600
(Water)Flow Rate		m ³ /h	1.6	2.6	1.6	2.6	1.6	2.6
Design pPressure		MPa	4.2	4.2	4.2	4.2	4.2	4.2
Noise Level(1 M)		dB(A)	≤53.0	≤55.0	≤53.0	≤55.0	≤53.0	≤55.0

Note:


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



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										

MTP-13 Series-Air to Water Swimming Pool Heat Pump							
Model			MAR-50ST	MAR-60ST	MAR-80ST	MAR-100ST	MAR-200ST
Product Code			12P	15P	20P	25P	50P
Power Supply		V/Ph/Hz	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	47.00	60.00	79.00	99.00	198.00
Heating Power Input		kW	9.03	11.50	15.19	19.00	38.00
Operating Current		A	13.7	17.60	23.08	28.93	57.50
COP		W/W	5.20	5.20	5.20	5.20	5.20
Cooling Capacity		kW	31.40	39.50	53.00	65.50	131.00
Cooling Power Input		kW	10.30	12.95	17.38	21.48	43.00
Operating Current		A	15.6	19.80	26.40	32.65	65.30
EER		W/W	3.05	3.05	3.05	3.05	3.05
Compressor	Type		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				
	Controll 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	1405	1600	2000	2000	2205
	Width	mm	800	820	1005	1005	1125
	Height	mm	1050	1050	1975	1975	2248
Unit Noise Level		dB(A)	67	69	75	78	83
Net / Gross Weight		kg	260	300	450	500	980
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							

MTP-14-Series-R410A R32 R290 R454C Evi Air to Water Dc Inverter Heat Pump

Model		MAR-9CD/BP	MAR-15CD/BP2	MAR-30CD/BP2	MAR-9CD/BPA	MAR-15CD/BPA2	MAR-30CD/BPA2	MAR-9CD/BPB	MAR-15CD/BPB2	MAR-30CD/BPB2	
Product Code											
Power Supply		220-240V,50Hz	3/380-415V/50Hz	3/380-415V/50Hz	220-240V,50Hz	3/380-415V/50Hz	3/380-415V/50Hz	220-240V,50Hz	3/380-415V/50Hz	3/380-415V/50Hz	
Refrigerant		R410a or R32			R290			R454C			
Ambient Temp		-25 °C - 43°C									
Heating Water Range		20°C - 55°C									
Cooling Water Range		7°C - 35°C									
Heating1 (A+7°C W45°C/W50 °C)	Capacity	KW	8.00	16.00	32.00	8.00	16.00	32.00	8.00	16.00	32.00
	Power Input	KW	2.15	4.40	8.80	2.15	4.40	8.80	2.15	4.40	8.80
	COP	W/W	3.72	3.64	3.64	3.72	3.64	3.64	3.72	3.64	3.64
Heating2 (A -12°C W45°C/W50 °C)	Capacity	KW	7.6	13.10	26.10	7.6	13.10	26.10	7.6	13.10	26.10
	Power Input	KW	3.06	5.32	10.50	3.06	5.32	10.50	3.06	5.32	10.50
	COP	W/W	2.48	2.46	2.49	2.48	2.46	2.49	2.48	2.46	2.49
Heating3 (A -25°C W45°C/W50 °C)	Capacity	KW	5.10	8.36	16.50	5.10	8.36	16.50	5.10	8.36	16.50
	Power Input	KW	2.40	3.95	7.90	2.40	3.95	7.90	2.40	3.95	7.90
	COP	W/W	2.13	2.12	2.09	2.13	2.12	2.09	2.13	2.12	2.09
Cooling (A +35°C W12°C/W7°C)	Capacity	KW	6.80	13.50	24.00	6.80	13.50	24.00	6.80	13.50	24.00
	Power Input	KW	2.30	4.70	8.10	2.30	4.70	8.10	2.30	4.70	8.10
	COP	W/W	2.96	2.87	2.96	2.96	2.87	2.96	2.96	2.87	2.96
Water pump	Power Input	W	80	190	250	80	190	250	80	190	250
	Rated Current	A	0.36	0.86	1.14	0.36	0.86	1.14	0.36	0.86	1.14
Dimension	mm	940*375*800	940*375*1340	1300*650*2100	940*375*800	940*375*1340	1300*650*2100	940*375*800	940*375*1340	1300*650*2100	
Net/Gross Weight	kg	95.0	130.0	180.0	95.0	130.0	180.0	95.0	130.0	180.0	
Air Flow	m ³ /h	2800	5600	10000	2800	5600	10000	2800	5600	10000	
(Water)Flow Rate	m ³ /h	1.6	2.6	3.3	1.6	2.6	3.3	1.6	2.6	3.3	
Design Pressure	MPa	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	
Noise Level(1 M)	dB(A)	≤53.0	≤55.0	≤55.0	≤53.0	≤55.0	≤55.0	≤53.0	≤55.0	≤55.0	
Picture											

Note:

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

MTP-15-Series-R410A R32 R290 R454C All in One Air to Water Heat Pump

Model		MAR-3W/150	MAR-3W/200	MAR-3W/250	MAR-3W/150B	MAR-3W/200B	MAR-3W/250B	
Product Code								
Power supply		220~240V,50Hz			220~240V,50Hz			
Refrigerant		R410a or R32			R290/R454C			
Ambient temp		-25 °C - 43°C						
Heating water range		20°C — 55°C						
Heating1 (A+20°C W15°C/W55 °C)	Capacity	KW	2.60	2.60	2.60	2.60	2.60	
	Power Input	KW	0.62	0.62	0.62	0.62	0.62	
	COP	W/W	4.19	4.19	4.19	4.19	4.19	
Dimension		mm	640*640*1550	640*640*1850	640*640*2150	640*640*1550	640*640*1850	640*640*2150
Water Tank Volume		L	150	200	250	150	200	250
Backup Electric Heater		KW	1.5(Optional)			1.5(Optional)		
Inlet/Outlet Connect Size			DN25	DN25	DN25	DN25	DN25	DN25
Net/Gross Weight		kg	57.0	67.0	82.0	57.0	67.0	82.0
Design Pressure		MPa	4.2	4.2	4.2	4.2	4.2	4.2
Noise Level(1 M)		dB(A)	≤53.0	≤55.0	≤55.0	≤53.0	≤55.0	≤55.0

Model		MAR-3W/150C	MAR-3W/200C	MAR-3W/250C	
Product Code					
Power supply		220~240V,50Hz			
Refrigerant		R134A			
Ambient temp		-25 °C - 43°C			
Heating water range		20°C — 75°C			
Heating1 (A+20°C W15°C/W55 °C)	Capacity	KW	2.60	2.60	2.60
	Power Input	KW	0.62	0.62	0.62
	COP	W/W	4.19	4.19	4.19
Dimension		mm	640*640*1550	640*640*1850	640*640*2150
Water Tank Volume		L	150	200	250
Backup Electric Heater		KW	1.5(Optional)		
Inlet/Outlet Connect Size			DN25	DN25	DN25
Net/Gross Weight		kg	57.0	67.0	82.0
Design Pressure		MPa	4.2	4.2	4.2
Noise Level(1 M)		dB(A)	≤53.0	≤55.0	≤55.0

Picture



Note:

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

MTP-16-Series-All in One 85°C & 95°C two-stage Dc Inverter Heat Pump

Product Features

1. Double stage coupling refrigeration cycle system design, a R410A & R32 system, two stage R515B system
2. EVI DC inverter two stage heat pump
3. Maximum outlet temperature 85°C & 95°C
4. Ambient temperature range: -35°C~43°C
5. Wifi remote control unit

Model			MTR-12W/500BP	MTR-18W/600BP	MTR-12W/500BPB	MTR-18W/600BPB
Product Code						
Power Supply			220~240V,50HZ	3/380~415V/50HZ	220~240V,50HZ	3/380~415V/50HZ
Refrigerant			R410a/R134A		R32/R134A	
Ambient Temp			-35 °C - 43°C		-35 °C - 43°C	
Heating Water Range			60°C - 85°C		60°C - 85°C	
Outlet Direction			SIDE	SIDE	SIDE	SIDE
Stage 1			Evi R410A Inverter System		Evi R32 Dc Inverter System	
Stage 2			R134A ON/OFF System		R134A ON/OFF System	
Heating1 (A+20°C W70°C/W75°C)	Capacity	KW	12.00	18.00	12.00	18.00
	Power Input	KW	4.80	7.20	4.80	7.20
	COP	W/W	2.50	2.50	2.50	2.50
Heating2 (A+7°C W70°C/W75°C)	Capacity	KW	11.00	16.00	11.00	16.00
	Power Input	KW	4.78	6.80	4.78	6.80
	COP	W/W	2.30	2.35	2.30	2.35
Heating3 (A -12°C W70°C/W75°C)	Capacity	KW	8.20	11.00	8.20	11.00
	Power Input	KW	4.56	6.20	4.56	6.20
	COP	W/W	1.80	1.77	1.80	1.77
Heating4 (A -20°C W70°C/W75°C)	Capacity	KW	6.00	8.00	6.00	8.00
	Power Input	KW	3.85	5.10	3.85	5.10
	COP	W/W	1.56	1.57	1.56	1.57
Dimension		mm	850*850*2100	950*950*2100	850*850*2100	950*950*2100
Water Tank Volume		L	500	600	500	600
Backup Electric Heater		KW	3(Optional)		3(Optional)	
Inlet/Outlet Connect Size			1"	1"	1"	1"
Net/Gross Weight		kg	150.0	180.0	150.0	180.0
Design Pressure		MPa	4.2	4.2	4.2	4.2
Noise Level(1 M)		dB(A)	≤53.0	≤55.0	≤53.0	≤55.0

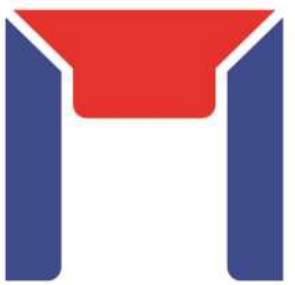
Model			MTR-12W/500BPC	MTR-18W/600BPC	MTR-12W/500BPC	MTR-18W/600BPC
Product Code						
Power Supply			220~240V,50Hz	3/380~415V/50HZ	220~240V,50Hz	3/380~415V/50HZ
Refrigerant			R410a/R515B		R32/R515B	
Ambient Temp			-35 °C - 43°C		-35 °C - 43°C	
Heating Water Range			60°C - 95°C		60°C - 95°C	
Outlet Direction			SIDE	SIDE	SIDE	SIDE
Stage 1			Evi R410A Inverter System		Evi R32 Dc Inverter System	
Stage 2			R515B ON/OFF System		R515B ON/OFF System	
Heating1 (A+20°C W70°C/W75°C)	Capacity	KW	12.00	18.00	12.00	18.00
	Power Input	KW	4.80	7.20	4.80	7.20
	COP	W/W	2.50	2.50	2.50	2.50
Heating2 (A+7°C W70°C/W75°C)	Capacity	KW	11.00	16.00	11.00	16.00
	Power Input	KW	4.78	6.80	4.78	6.80
	COP	W/W	2.30	2.35	2.30	2.35
Heating3 (A -12°C W70°C/W75°C)	Capacity	KW	8.20	11.00	8.20	11.00
	Power Input	KW	4.56	6.20	4.56	6.20
	COP	W/W	1.80	1.77	1.80	1.77
Heating4 (A -20°C W70°C/W75°C)	Capacity	KW	6.00	8.00	6.00	8.00
	Power Input	KW	3.85	5.10	3.85	5.10
	COP	W/W	1.56	1.57	1.56	1.57
Dimension		mm	850*850*2100	950*950*2100	850*850*2100	950*950*2100
Water Tank Volume		L	500	600	500	600
Backup Electric Heater		KW	3(Optional)		3(Optional)	
Inlet/Outlet Connect Size			1"	1"	1"	1"
Net/Gross Weight		kg	150.0	180.0	150.0	180.0
Design Pressure		MPa	4.2	4.2	4.2	4.2
Noise Level(1 M)		dB(A)	≤53.0	≤55.0	≤53.0	≤55.0

Picture



Note:

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



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