High Temperature Water To Water Heat Pump

Basic Information

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity:
- Price:
- Packaging Details:
- Delivery Time:

- Guangzhou China horizontal-slurrypump.com
- CE ISO CCC UKAS, ROHS
- OEM
- 5 PCS
 - Negotiation
 - Plywooden case

15 days

800/MONTH

- Payment Terms: T/T, L/C WESTERN UNION
- Supply Ability:



Product Specification

Matavall	Colverized Steel Sheet
Materail:	Galvanized Steel Sheet
Contactor:	Fuji
Copper Pipe Thick:	1 Mm
Compressor:	ZW Series ,With Crank Heating
 Working Temperature: 	-2045 Degree
 Insulation: 	Foam Pack Pipe And Stick On The Machine Innner
 Defrosting: 	Automaticlly
 Rated Heating Capactity: 	14KW
• Use:	Swimming Pool ,Sap
• Exchange:	Titanium Heat Exchanger
 Highlight: 	swimming pool air source heat pump



More Images



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Technology Specification

Meeting lower running noise Air to water swimming pool heat pump water heater constant temperature and big water flowing

Swimming Pool Heat Pump heating:

* Long operating life

Using the advanced titanium in PVC or Nickel – copper in PVC shell & tube heat exchangers, which can resist corrosion from chlorine in the water.

*Economical and high efficiency

Using the more efficient heat pump technology, compared to other ordinary hot water equipment (for example, combustion oil boiler, comb-ussion gas boiler and electrical boiler), it reduces operation cost by 65%~80%, moreover, it produces little pollution for environment.

*Innovative design, easy installation and replacement.

Mono block (single unit conclusion) design, the unit is remarkable compact and easy to install.

*Advanced control

It is extremely easy to control the swimming pump unit because of the built-in computer with its intelligent control and LCD display.

*Use safely

What details do you need?

A: Pool: Length, width, depth.

B: Ambient temperature.

C: Water input and output temperature.

Will it be too trouble to use air water heater?

Easy to use, once set, always have hot/cool water

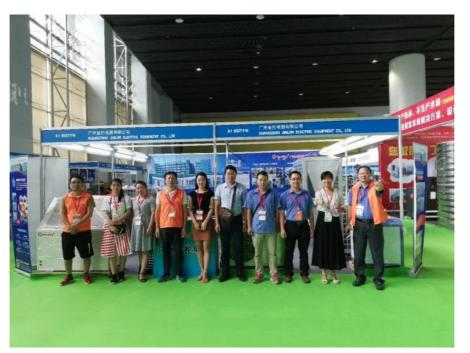
How long is the life of air water heater

Life span is 12-15 years

.How many years guarantee?

1 years

Exhibition show



INSTALLATION CASE



Parameters tables MDY10-MDY300D

MODEL		Unit	MDY10D
Rated heating capacity		KW	3.5
Average heating input power		KW	0.8
Rated heating input current		A	6
Max outlet water temp		°C	35
СОР			3.8
Power		V/H z	220V/50
Noise		Db(a)	48
Dimension	W*D*H	mm	1140×360×538
Packing size	W*D*H	mm	1180*380*680
Unit weight		KG	70
Refrigerant			R417A/R410
Working air	temp range	°C	(-20°C)—45°C
compressor	Туре		Panasonic
Air source heat exchanger	Туре		Finned heat exchange
	Fan Type		axial flow fan
	Туре		Titanium heat exchanger
Hot water	Water flow	L/H	1200L/h
side heat exchange	Water pressure down	Кра	30
exenange	Pipe size(water connection)	DN	50

MODEL			MDY15D
Rated heating capacity		KW	5.5
	ating input power	KW	1.25
Rated heating input current Max outlet water temp		A ℃	6 35
COP	water temp		35 3.8
		V/H	3.0
Power		z	220V/50
Noise		Db(a)	48
Dimension	W*D*H	mm	1140×360×539
Packing size	W*D*H	mm	1180*380*680
Unit weight		KG	70
Refrigerant			R417A/R410
	temp range	°C	(-20°C)—45°C
compressor	Туре	<u> </u>	Panasonic
Air source	Туре		Finned heat exchange
heat			-
exchanger	Fan Type		axial flow fan
	Туре		Titanium heat exchanger
Hot water	Water flow	L/H	1800L/h
side heat exchange	Water pressure down	Кра	30
exentinge	Pipe size(water	DN	50
MODEL	connection)	_ · ·	MDY20D
		KW	-
Rated heati			9
	ating input power	KW	1.84
	ng input current	A	7
Max outlet v	water temp	°C	35
COP			3.8
Power		V/H z	220V/50
Noise		Db(a)	50
Dimension	W*D*H	mm	1140×360×540
Packing size	W*D*H	mm	1180*380*680
Unit weight		KG	75
Refrigerant		-	R417A/R410
-	temp range	°C	(-20°C)—45°C
compressor			Panasonic
Air source	L		Finned heat
heat	Туре		exchange
exchanger	Fan Type		axial flow fan
	Turne		Titanium heat
	Туре		exchanger
Hot water	Water flow	L/H	3500L/h
side heat exchange	Water pressure down	Кра	30
	Pipe size(water connection)	DN	50
MODEL	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Unit	MDY30D
Rated heati	ng capacity	KW	14
	ating input power	KW	3
	ng input current	A	13/6
Max outlet v		°C	35
COP		+	4
Power		V/H z	220V/380/50
Noise		Db(55
110156	W*D*H	a) mm	1120*490*790mr
	חטזיין	11110	1120 490 790M
Dimension			4000*500*070
Dimension Packing	W*D*H	mm	1200°520°870mr
Dimension Packing size	W*D*H	mm KG	110
Dimension Packing size Unit weight	W*D*H		110 R417A/R407C/R
Dimension Packing size Unit weight Refrigerant	W*D*H		1200*520*870mr 110 R417A/R407C/R 10A (-20°C)—45°C

Air source	Туре		Finned heat
heat exchanger	Fan Type		exchange axial flow fan
exercinger			Titanium heat
	Туре		exchanger
Hot water	Water flow	L/H	5500L/h
side heat exchange	Water pressure down	Кра	40
	Pipe size(water connection)	DN	50
MODEL		Unit	MDY40D
Rated heati	ng capacity	KW	16
	ating input power	KW	4
Rated heati	ng input current	A	18/9
Max outlet v	vater temp	°C	35
COP			4.2
Power		V/H z	380V/50
Noise		Db(a)	55
Dimension	W*D*H	mm	1120*490*1270
Packing size	W*D*H	mm	1200*520*1440
Unit weight		KG	160
Refrigerant			R417A/R407C/R 10A
Working air	temp range		(-20°C)—45°C
compressor	Туре		Copeland
Air source	Туре		Finned heat
heat exchanger	Fan Type		exchange axial flow fan
exchanger	гап туре		Titanium heat
	Туре		exchanger
Hot water	Water flow	L/H	6500L/h
side heat exchange	Water pressure down	Кра	
g-	Pipe size(water connection)	DN	50
MODEL	,	Unit	MDY50D
	,	Unit KW	MDY50D 19
Rated heati	,		
Rated heati Average he	ng capacity	KW KW A	19
Rated heati Average he Rated heati Max outlet v	ng capacity ating input power ng input current	KW KW	19 4.4 9 35
Rated heati Average he Rated heati Max outlet v	ng capacity ating input power ng input current	KW KW A C	19 4.4 9
Rated heati Average he Rated heati	ng capacity ating input power ng input current	KW KW A C V/H z	19 4.4 9 35
Rated heati Average he Rated heati Max outlet w COP Power Noise	ng capacity ating input power ng input current vater temp	KW KW A C V/H z Db(a)	19 4.4 9 35 4.2 380V/50 55
Rated heati Average he Rated heati Max outlet w COP Power Noise Dimension	ng capacity ating input power ng input current	KW KW A C V/H z Db(19 4.4 9 35 4.2 380V/50
Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size	ng capacity ating input power ng input current vater temp	KW KW A C V/H z Db(a) mm mm	19 4.4 9 35 4.2 380V/50 55 1120*490*1270 1200*520*1350
Rated heati Average he Rated heati Max outlet w COP Power Noise Dimension Packing	ng capacity ating input power ng input current vater temp	KW KW A C V/H z Db(a) mm	19 4.4 9 35 4.2 380V/50 55 1120*490*1270 1200*520*1350 160
Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant	ng capacity ating input power ng input current vater temp W*D*H W*D*H	KW KW A C V/H z Db(a) mm mm	19 4.4 9 35 4.2 380V/50 55 1120*490*1270 1200*520*1350 160 R417A/R407C/R 10A
Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air	ng capacity ating input power ng input current vater temp W*D*H W*D*H W*D*H	KW KW A C V/H z Db(a) mm mm	19 4.4 9 35 4.2 380V/50 55 1120*490*1270 1200*520*1350 160 R417A/R407C/R 10A (-20C)—45C
Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor	ng capacity ating input power ng input current vater temp W*D*H W*D*H W*D*H	KW KW A C V/H z Db(a) mm mm	19 4.4 9 35 4.2 380V/50 55 1120*490*1270 1200*520*1350 160 R417A/R407C/R 10A (-20C)—45C Copeland
Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air	ng capacity ating input power ng input current vater temp W*D*H W*D*H W*D*H	KW KW A C V/H z Db(a) mm mm	19 4.4 9 35 4.2 380V/50 55 1120*490*1270 1200*520*1350 160 R417A/R407C/R 10A (-20C)—45C
Rated heati Average he Rated heati Max outlet of COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source	ng capacity ating input power ng input current vater temp W*D*H W*D*H temp range	KW KW A C V/H z Db(a) mm mm	19 4.4 9 35 4.2 380V/50 55 1120*490*1270 1200*520*1350 160 R417A/R407C/R 10A (-20C)—45C Copeland Finned heat exchange axial flow fan
Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger	ng capacity ating input power ng input current vater temp W*D*H W*D*H W*D*H temp range Type Type Fan Type Type	KW KW A C V/H z Db(a) mm mm KG	19 4.4 9 35 4.2 380V/50 55 1120*490*1270 1200*520*1350 160 R417A/R407C/R 10A (-20C)—45C Copeland Finned heat exchange axial flow fan Titanium heat exchanger
Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger Hot water	ng capacity ating input power ng input current vater temp W*D*H W*D*H W*D*H Type Type Fan Type Type Type Yater flow	KW KW A C V/H z Db(a) mm mm	19 4.4 9 35 4.2 380V/50 55 1120*490*1270 1200*520*1350 160 R417A/R407C/R 10A (-20C)—45C Copeland Finned heat exchange axial flow fan Titanium heat
Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger	mg capacity ating input power ng input current vater temp W*D*H W*D*H W*D*H Type Type Fan Type Type Type Vater flow Water pressure down	KW KW A C V/H z Db(a) mm mm KG	19 4.4 9 35 4.2 380V/50 55 1120*490*1270 1200*520*1350 160 R417A/R407C/R 10A (-20C)—45C Copeland Finned heat exchange axial flow fan Titanium heat exchanger
Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger Hot water side heat exchange	mg capacity ating input power ng input current vater temp W*D*H W*D*H W*D*H Type Type Fan Type Type Type Water flow Water pressure	KW KW A C Db(a) mm Mm KG L/H Kpa DN	19 4.4 9 35 4.2 380V/50 55 1120*490*1270 1200*520*1350 160 R417A/R407C/R 10A (-20C)—45C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 7500L/h 45 50
Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger Hot water side heat exchange	mg capacity ating input power ng input current vater temp W*D*H W*D*H W*D*H Type Fan Type Type Type Water flow Water pressure down Pipe size(water connection)	KW KW A C Db(a) mm mm KG KG L/H Kpa DN Unit	19 4.4 9 35 4.2 380V/50 55 1120*490*1270 1200*520*1350 160 R417A/R407C/R 10A (-20C)—45C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 7500L/h 45 50 MDY60D
Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger Hot water side heat exchange	ng capacity ating input power ng input current vater temp W*D*H W*D*H W*D*H Type Type Type Fan Type Type Type Water flow Water pressure down Pipe size(water connection)	KW KW A C U Db(a) mm KG C L/H Kpa DN Unit KW	19 4.4 9 35 4.2 380V/50 55 1120*490*1270 1200*520*1350 160 R417A/R407C/R 10A (-20C)—45C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 7500L/h 45 50 MDY60D 26
Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger Hot water side heat exchange MODEL Rated heati Average he	mg capacity ating input power ng input current vater temp W*D*H W*D*H W*D*H Type Type Type Type Type Type Vater flow Water pressure down Pipe size(water connection) mg capacity ating input power	KW KW A C UV/H z Db(a) mm KG C C U L/H Kpa DN Unit KW KW	19 4.4 9 35 4.2 380V/50 55 1120*490*1270 1200*520*1350 160 R417A/R407C/R 10A (-20C)—45C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 7500L/h 45 50 MDY60D 26 6
Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger Hot water side heat exchange MODEL Rated heati Average he	Ing capacity ating input power ng input current vater temp W*D*H W*D*H W*D*H Type Type Type Type Type Type Vater flow Water pressure down Pipe size(water connection) Ing capacity ating input power ng input current	KW KW A C U Db(a) mm KG C L/H Kpa DN Unit KW	19 4.4 9 35 4.2 380V/50 55 1120*490*1270 1200*520*1350 160 R417A/R407C/R 10A (-20C)—45C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 7500L/h 45 50 MDY60D 26

Power		V/H z	380/50
Noise		Db(a)	60
Dimension W*D*H		mm	1120*490*1270
Packing	W*D*H	mm	1200*520*1350
size Unit weight		KG	210
			R417A/R407C/R4
Refrigerant			10A
Working air temp range			(-20°C)—45°C
compressor Air source	Туре		Copeland Finned heat
heat	Туре		exchange
exchanger	Fan Type		axial flow fan
	Туре		Titanium heat
Hot water	Water flow	L/H	exchanger 9000L/h
side heat	Water pressure		
exchange	down	Кра	48
	Pipe size(water connection)	DN	50
Connection) MODEL		Unit	MDY100D
		KW	42
Rated heating capacity Average heating input power		KW	9.2
-			
	ng input current	A	18
Max outlet v	vater temp	С	35
COP			4.2
Power		V/H z	380V/50
Noise		Db(a)	60
Dimension	W*D*H	mm	1450×760×1060
Packing	W*D*H	mm	1520*760*1190m
size			m
Unit weight		KG	289
Refrigerant			R417A/R407C/R4 10A
Working air	temp range		(-20C)—45C
compressor	Туре		Copeland
Air source	Туре		Finned heat
heat		<u> </u>	exchange
exchanger	Fan Type		axial flow fan
	Туре		Titanium heat exchanger
Hot water	Water flow	L/H	15000L/h
side heat	Water pressure		
exchange	down Pipe size(water	Кра	54
	connection)	DN	63
MODEL	•	Unit	MDY150D
Rated heati		KW	50
	ng capacity	KW	37
Average inp Rated input		KW A	11 24
-			
Max outlet v	vater temp	С	38
COP		V/H	4.5
Power		z	380V/50
Noise		Db(a)	60
Dimension	W*D*H	mm	1450×760×1060
Packing	W*D*H	mm	1520*760*1190m
size Unit weight	1	KG	m 320
Refrigerant			R417A/R407C/R4
Working air temp range		1	10A
Working air	temp range		(-20C)—45C

Air source	Туре		Finned heat
heat		<u> </u>	exchange
exchanger	Fan Type		axial flow fan
	Туре		Titanium heat
			exchanger
Hot water	Water flow	L/H	18000L/h
side heat exchange	Water pressure down	Кра	54
	Pipe size(water connection)	DN	63
MODEL	,	Unit	MDY200D
Rated heati	ng capacity	KW	84
	ating input power	KW	19
•	ng input current	A	35
Max outlet v		∩ °C	35
COP	water temp		
COP			4.5
Power		V/H z	380V/50
Noise		Db(a)	65
Dimension	W*D*H	mm	1990*980*2080
Packing size	W*D*H	mm	2080×1150×2130
unit weight	1	KG	650
			R417A/R407C/R4
Refrigerant			10A
Working air	temp range		(-20°C)—45°C
compressor			Copeland
	Туре		Finned heat
Air source	Туре		
heat		<u> </u>	exchange
exchanger	Fan Type		axial flow fan
	Туре		Titanium heat
			exchanger
Hot water	Water flow	L/H	28000L/h
side heat exchange	Water pressure down	Кра	60
	Pipe size(water	DN	63
	connection)		
MODEL		Unit	
Rated heati		KW	100
Average he	ating input power	KW	25
Rated heati	ng input current	A	45
Max outlet v		°C	35
COP			4.5
		V/H	
Power		z	380V/50
Noise		Db(a)	68
Dimension	W*D*H	mm	1990*980*2080
Packing	1		lasses in the second
size	W*D*H	mm	
	W*D*H	mm KG	2080×1150×2130 650
size	W*D*H		
size Unit weight Refrigerant			650 R417A/R407C/R4 10A
size Unit weight Refrigerant Working air	temp range		650 R417A/R407C/R4 10A (-20°C)—45°C
size Unit weight Refrigerant Working air compressor	temp range		650 R417A/R407C/R4 10A (-20°C)—45°C Copeland
size Unit weight Refrigerant Working air compressor Air source heat	temp range Type Type		650 R417A/R407C/R4 10A (-20°C)—45°C Copeland Finned heat exchange
size Unit weight Refrigerant Working air compressor Air source	temp range		650 R417A/R407C/R4 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan
size Unit weight Refrigerant Working air compressor Air source heat	temp range Type Type		650 R417A/R407C/R4 10A (-20°C)—45°C Copeland Finned heat exchange
size Unit weight Refrigerant Working air compressor Air source heat	temp range Type Type Fan Type		650 R417A/R407C/R4 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat
size Unit weight Refrigerant Working air compressor Air source heat exchanger Hot water side heat	temp range Type Type Fan Type Type Water flow Water pressure	KG	650 R417A/R407C/R4 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger
size Unit weight Refrigerant Working air compressor Air source heat exchanger Hot water	temp range Type Type Fan Type Type Water flow	KG	650 R417A/R407C/R4 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 45000L/h

Packaging & Delivery Packaging Details: export wooden packing Delivery Time: 15-30 days

Specifications

Swimming pool heat pump heating:

- 1. High efficiency & energy saving
- 2. Safe & Comfort
- 3. Convenient & widely to use
- 4. Swimming Pool Heat Pump heating:

Swimming pool heat pump can save you up to 80% in operating cost whether you just want to extend your swimming season or swim all year round in a warm comfortable pool.

With special designed heat exchangers, Swimming pool heat pump can give you the perfect water temperature without a big increase in your power bill, our swimming pool heat pump is a perfect selection to your in-ground swimming pool or sea. The product can be widely installed at any kind of places, such as constant temperature swimming pools, sauna constant hot water system and supplying domestic hot water to home.

Our Services

1. After installation, our company will be responsible for problems caused by quality of production or raw material except the damageable spare parts of heat pump caused by incorrect man-made operation during the guarantee period.

2. Intelligent Controlling service system will be avoid the long distance of the after sale problem. Wherever are you, our engineer can be controlled your equipment, when some questions occur on the equipment. Just tell us what number will be shown on the screen, then the engineer will be solve the problem.

3. We accept OEM, ODM and customization.

4. 24*7 after sales service. You will get satisfied service.

5. We have More than 17 years production and sales experience; Professional sales team.

Swimming pool/bath/hotel heat pump water heater

Advantage feature

Excellent outlook design wins high appreciation

Compact structure and good demountability

Patented 100% titanium Heat exchanger in PVC & INOX Shell

Intelligent Microcomputer controller

High efficiency compressor with R417A / R407C / R410 refrigerant

Air exchanger with hydrophilic coating

Automatic defrosting function included

Low noise.

FAQ

What is your advantage, comparing with other water heaters?

A: Avoiding electric water heater leakage, dry, high power consumption.

B: Avoiding the drawbacks of gas water heater, such as producing harmful gases, Fits and starts etc.

C: Energy efficient, safety and environmental protection, all-weather operation, easy to use.

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