Solar Water Hydronic Heat Pump 42KW High Water Temperature Outlet Safe Comfort

Our Product Introduction

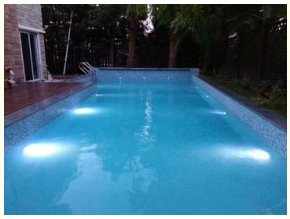
Basic Information

- Place of Origin: Guangzhou China
- Brand Name: horizontal-slurrypump.com
- Certification: CE ISO CCC UKAS,ROHS
- Model Number: OEM
- Minimum Order Quantity: 5 PCS
- Price: Negotiation
- Packaging Details: Plywooden case
- Delivery Time: 15 days
- Payment Terms: T/T, L/C WESTERN UNION
- Supply Ability: 800/MONTH

Product Specification

- Materail: Galvanized Steel Sheet
- Contactor: Fuji Brand
- Copper Pipe Thick: 1 Mm
- Compressor: ZW Series ,With Crank Heating
- Working Temperature: -20--45 Degree
- Insulation: Foam Pack Pipe And Stick On The Machine Innner
- Defrosting: Automaticlly
- Highlight: **meeting heat pump**

More Images



Product Description

Technology Specification

Constant temperature swimming pool heat pump
Hot comfortable water for swimming

Technical data sheet

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		℃	35
COP			3.8
Power		V/Hz	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		℃	(-20℃)—45℃
compressor	Type		Panasonic
Air source heat exchanger	Type		Finned heat exchange
	Fan Type		axial flow fan
Hot water side heat exchange	Type		Titanium heat exchanger
	Water flow	L/H	1200L/h
	Water pressure down	Kpa	30
	Pipe size(water connection)	DN	50
MODEL		Unit	MDY15D
Rated heating capacity		KW	5.5
Average heating input power		KW	1.25
Rated heating input current		A	6
Max outlet water temp		℃	35
COP			3.8
Power		V/Hz	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
Working air temp range		℃	(-20℃)—45℃
compressor	Type		Panasonic
Air source heat exchanger	Type		Finned heat exchange
	Fan Type		axial flow fan
Hot water side heat exchange	Type		Titanium heat exchanger
	Water flow	L/H	1800L/h
	Water pressure down	Kpa	30
	Pipe size(water connection)	DN	50
MODEL		Unit	MDY20D
Rated heating capacity		KW	9
Average heating input power		KW	1.84
Rated heating input current		A	7
Max outlet water temp		℃	35
COP			3.8
Power		V/Hz	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
Working air temp range		℃	(-20℃)—45℃
compressor	Type		Panasonic
Air source heat exchanger	Type		Finned heat exchange
	Fan Type		axial flow fan
Hot water side heat exchange	Type		Titanium heat exchanger
	Water flow	L/H	3500L/h
	Water pressure down	Kpa	30
	Pipe size(water connection)	DN	50
MODEL		Unit	MDY30D
Rated heating capacity		KW	14
Average heating input power		KW	3
Rated heating input current		A	13/6
Max outlet water temp		℃	35
COP			4
Power		V/Hz	220V/380/50
Noise		Db(a)	55
Dimension	W*D*H	mm	1120*490*790mm
Packing size	W*D*H	mm	1200*520*870mm
Unit weight		KG	110
Refrigerant			R417A/R407C/R410A
Working air temp range			(-20℃)—45℃
compressor	Type		Copeland
Air source heat exchanger	Type		Finned heat exchange
	Fan Type		axial flow fan
Hot water side heat exchange	Type		Titanium heat exchanger
	Water flow	L/H	5500L/h
	Water pressure down	Kpa	40
	Pipe size(water connection)	DN	50
MODEL		Unit	MDY40D
Rated heating capacity		KW	16
Average heating input power		KW	4
Rated heating input current		A	18/9
Max outlet water temp		℃	35
COP			4.2
Power		V/Hz	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/R410A
Working air temp range			(-20℃)—45℃
compressor	Type		Copeland
Air source heat exchanger	Type		Finned heat exchange
	Fan Type		axial flow fan
Hot water side heat	Type		Titanium heat exchanger
	Water flow	L/H	6500L/h
	Water pressure down	Kpa	45

exchange			
	Pipe size(water connection)	DN	50
MODEL		Unit	MDY50D
Rated heating capacity		KW	19
Average heating input power		KW	4.4
Rated heating input current		A	9
Max outlet water temp		C	35
COP			4.2
Power		V/Hz	380V/50
Noise		Db(a)	55
Dimension	W*D*H	mm	1120*490*1270
Packing size	W*D*H	mm	1200*520*1350
Unit weight		KG	160
Refrigerant			R417A/R407C/R410A
Working air temp range			(-20C)—45C
compressor	Type		Copeland
Air source heat exchanger	Type		Finned heat exchange
	Fan Type		axial flow fan
Hot water side heat exchange	Type		Titanium heat exchanger
	Water flow	L/H	7500L/h
	Water pressure down	Kpa	45
	Pipe size(water connection)	DN	50
MODEL		Unit	MDY60D
Rated heating capacity		KW	26
Average heating input power		KW	6
Rated heating input current		A	12
Max outlet water temp		℃	35
COP			4.2
Power		V/Hz	380/50
Noise		Db(a)	60
Dimension	W*D*H	mm	1120*490*1270
Packing size	W*D*H	mm	1200*520*1350
Unit weight		KG	210
Refrigerant			R417A/R407C/R410A
Working air temp range			(-20℃)—45℃
compressor	Type		Copeland
Air source heat exchanger	Type		Finned heat exchange
	Fan Type		axial flow fan
Hot water side heat exchange	Type		Titanium heat exchanger
	Water flow	L/H	9000L/h
	Water pressure down	Kpa	48
	Pipe size(water connection)	DN	50
MODEL		Unit	MDY100D
Rated heating capacity		KW	42
Average heating input power		KW	9.2
Rated heating input current		A	18
Max outlet water temp		C	35
COP			4.2
Power		V/Hz	380V/50
Noise		Db(a)	60
Dimension	W*D*H	mm	1450×760×1060

Packing size	W*D*H	mm	1520*760*1190mm
Unit weight		KG	289
Refrigerant			R417A/R407C/R410A
Working air temp range			(-20C)—45C
compressor	Type		Copeland
Air source heat exchanger	Type		Finned heat exchange
	Fan Type		axial flow fan
Hot water side heat exchange	Type		Titanium heat exchanger
	Water flow	L/H	15000L/h
	Water pressure down	Kpa	54
	Pipe size(water connection)	DN	63
MODEL		Unit	MDY150D
Rated heating capacity		KW	50
Rated Cooling capacity		KW	37
Average input power		KW	11
Rated input current		A	24
Max outlet water temp		C	38
COP			4.5
Power		V/Hz	380V/50
Noise		Db(a)	60
Dimension	W*D*H	mm	1450×760×1060
Packing size	W*D*H	mm	1520*760*1190mm
Unit weight		KG	320
Refrigerant			R417A/R407C/R410A
Working air temp range			(-20C)—45C
compressor	Type		Copeland
Air source heat exchanger	Type		Finned heat exchange
	Fan Type		axial flow fan
Hot water side heat exchange	Type		Titanium heat exchanger
	Water flow	L/H	18000L/h
	Water pressure down	Kpa	54
	Pipe size(water connection)	DN	63
MODEL		Unit	MDY200D
Rated heating capacity		KW	84
Average heating input power		KW	19
Rated heating input current		A	35
Max outlet water temp		℃	35
COP			4.5
Power		V/Hz	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		KG	650
Refrigerant			R417A/R407C/R410A
Working air temp range			(-20℃)—45℃
compressor	Type		Copeland
Air source heat exchanger	Type		Finned heat exchange
	Fan Type		axial flow fan
Hot water side heat	Type		Titanium heat exchanger
	Water flow	L/H	28000L/h

exchange	Water pressure down	Kpa	60
	Pipe size(water connection)	DN	63
MODEL		Unit	MDY300D
Rated heating capacity		KW	100
Average heating input power		KW	25
Rated heating input current		A	45
Max outlet water temp		℃	35
COP			4.5
Power		V/Hz	380V/50
Noise		Db(a)	68
Dimension	W*D*H	mm	1990*980*2080
Packing size	W*D*H	mm	2080×1150×2130
Unit weight		KG	650
Refrigerant			R417A/R407C/R410A
Working air temp range			(-20℃)—45℃
compressor	Type		Copeland
Air source heat exchanger	Type		Finned heat exchange
	Fan Type		axial flow fan
Hot water side heat exchange	Type		Titanium heat exchanger
	Water flow	L/H	45000L/h
	Water pressure down	Kpa	60
	Pipe size(water connection)	DN	63

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

Technology Specification

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

Swimming Pool Heat Pump

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.

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

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 17years 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.

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

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