ROMAN Beijing Silk Road Enterprise Management Services Co.,LTD horizontal-slurrypump.com

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

Basic Information

Place of Origin: Guangzhou China

Brand Name: horizontal-slurrypump.comCertification: 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 BrandCopper 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		1	MDY10D
Rated heatir		KW	3.5
	ating input power	KW	0.8
	ng input current	Α	6
Max outlet w	ater temp	°C	35
COP			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			Panasonic
Air source	Typo		Finned heat
heat	Туре		exchange
exchanger	Fan Type		axial flow fan
			Titanium heat
	Туре		exchanger
Hot water	Water flow	L/H	1200L/h
side heat exchange	Water pressure down	Кра	30
	Pipe size(water connection)	DN	50
MODEL	<u> </u>	Unit	MDY15D
Rated heatir	ng capacity	KW	5.5
	ating input power	KW	1.25
	ng input current	A	6
Max outlet w		°C	35
COP	vater temp		3.8
001		V/H	
Power	Power		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	₽C	(-20°C)—45°C
compressor			Panasonic
Air source			Finned heat
heat	Туре		exchange
exchanger	Fan Type		axial flow fan
	Туре		Titanium heat exchanger
Hot water	Water flow	L/H	1800L/h
side heat exchange	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		°C	35
		. ~	P
ı	-	_	3.8
COP		V/H	3.8

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	°C	(-20°C)—45°C
compressor Type			Panasonic
Air source			Finned heat
heat	Туре		exchange
exchanger	Fan Type		axial flow fan
	Туре		Titanium heat
	ļ · ·	1 / 1	exchanger
Hot water	Water flow	L/H	3500L/h
side heat exchange	Water pressure down	Kpa	30
	Pipe size(water connection)	DN	50
MODEL			MDY30D
Rated heati		KW	14
	ating input power	KW	3
	ng input current	Α	13/6
Max outlet v	vater temp	°C	35
COP		1.00	4
Power		V/H z	220V/380/50
Noise		Db(a)	55
Dimension	W*D*H	mm	1120*490*790mr
Packing size	W*D*H	mm	1200*520*870mr
Unit weight		KG	110
Refrigerant			R417A/R407C/R 10A
Working air	temp range		(-20°C)—45°C
compressor			Copeland
Air source	Туре		Finned heat
heat	1		exchange
exchanger	Fan Type		axial flow fan
	Туре		Titanium heat 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 heating capacity		KW	16
	ating input power	KW	4
Rated heating input current		Α	18/9
Max outlet v		°C	35
COP	-		4.2
Power			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	* '		exchange
exchanger	Fan Type		axial flow fan
	Туре	1	Titanium heat
	• •		exchanger
Hot water	Water flow Water pressure	L/H	6500L/h

	Pipe size(water	L	<u></u>
	connection)		50
MODEL		1 -	MDY50D
Rated heatii		KW	19
	ating input power	KW	4.4
	ng input current	Α	9
Max outlet water 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*1350
Unit weight	1	KG	160
Refrigerant			R417A/R407C/R
_	tomp range	-	10A (-20C)—45C
Working air		-	I' '
compressor	туре	₩	Copeland
Air source heat	Туре		Finned heat exchange
neal exchanger	Fan Type	\vdash	axial flow fan
SAUTHATING ET	i an rype	 	Titanium heat
	Туре	1	exchanger
Hot water	Water flow	L/H	7500L/h
side heat exchange	Water pressure down	Kpa	
J	Pipe size(water connection)	DN	50
MODEL	pormodion,	Unit	MDY60D
Rated heati	na canacity		26
		KW	6
Average heating input power		T \ V \ V	Ю
Datad bootis	na input ourrent	_	10
	ng input current	A	12
Max outlet v		A ℃	35
		°C	
Max outlet v		°C V/H z	35
Max outlet v COP		°C V/H	35 4.2
Max outlet v COP Power		°C V/H z Db(35 4.2 380/50
Max outlet v COP Power Noise Dimension Packing	vater temp W*D*H	V/H z Db(a) mm	35 4.2 380/50 60 1120*490*1270
Max outlet v COP Power Noise Dimension Packing size	vater temp	V/H z Db(a) mm	35 4.2 380/50 60 1120*490*1270 1200*520*1350
Max outlet v COP Power Noise Dimension Packing	vater temp W*D*H	V/H z Db(a) mm	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210
Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant	water temp W*D*H W*D*H	V/H z Db(a) mm	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A
Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air	water temp W*D*H W*D*H temp range	V/H z Db(a) mm	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C
Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor	water temp W*D*H W*D*H temp range	V/H z Db(a) mm	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland
Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source	water temp W*D*H W*D*H temp range Type	V/H z Db(a) mm	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat
Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat	water temp W*D*H W*D*H temp range Type Type	V/H z Db(a) mm	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat exchange
Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source	water temp W*D*H W*D*H temp range Type	V/H z Db(a) mm	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan
Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat	water temp W*D*H W*D*H temp range Type Type	V/H z Db(a) mm	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat exchange
Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger Hot water	water temp W*D*H W*D*H temp range Type Type Fan Type Type Water flow	V/H z Db(a) mm	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat
Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat	water temp W*D*H W*D*H temp range Type Type Fan Type Type Water flow Water pressure down	°C V/H z Db(a) mm KG	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger
Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger Hot water side heat	water temp W*D*H W*D*H temp range Type Type Fan Type Type Water flow Water pressure	°C V/H z Db(a) mm KG	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 9000L/h
Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger Hot water side heat	water temp W*D*H W*D*H temp range Type Type Fan Type Type Water flow Water pressure down Pipe size(water	°C V/H z Db(a) mm KG L/H Kpa	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 9000L/h
Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger Hot water side heat exchange	water temp W*D*H W*D*H temp range Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)	°C V/H z Db(a) mm KG L/H Kpa DN Unit	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 9000L/h 48 50 MDY100D
Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger Hot water side heat exchange	water temp W*D*H W*D*H temp range Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)	°C V/H z Db(a) mm KG L/H Kpa DN Unit	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 9000L/h 48 50 MDY100D 42
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 heatin	water temp W*D*H W*D*H temp range Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection) ng capacity ating input power	PC V/H z Db(a) mm KG L/H Kpa DN Unit KW	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 9000L/h 48 50 MDY100D 42 9.2
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 heatil Average hea	water temp W*D*H W*D*H temp range Type Type Type Fan Type Water flow Water pressure down Pipe size(water connection) ng capacity ating input power ng input current	°C V/H z Db(a) mm KG L/H Kpa DN Unit KW KW	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 9000L/h 48 50 MDY100D 42 9.2 18
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 heatil Average heat Rated heatil Max outlet v	water temp W*D*H W*D*H temp range Type Type Type Fan Type Water flow Water pressure down Pipe size(water connection) ng capacity ating input power ng input current	PC V/H z Db(a) mm KG L/H Kpa DN Unit KW	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 9000L/h 48 50 MDY100D 42 9.2 18 35
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 heatil Average heat Rated heatil Max outlet v	water temp W*D*H W*D*H temp range Type Type Type Fan Type Water flow Water pressure down Pipe size(water connection) ng capacity ating input power ng input current	°C V/H z Db(a) mm KG L/H Kpa DN Unit KW KW	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 9000L/h 48 50 MDY100D 42 9.2 18
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 heatil Average hea	water temp W*D*H W*D*H temp range Type Type Type Fan Type Water flow Water pressure down Pipe size(water connection) ng capacity ating input power ng input current	°C V/H z Db(a) mm KG L/H Kpa DN Unit KW KW	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 9000L/h 48 50 MDY100D 42 9.2 18 35
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 hea Rated heati Max outlet v COP	water temp W*D*H W*D*H temp range Type Type Type Fan Type Water flow Water pressure down Pipe size(water connection) ng capacity ating input power ng input current	V/H z Db(a) mm KG	35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 9000L/h 48 50 MDY100D 42 9.2 18 35 4.2

W*D*H	mm	1520*760*1190m m	
,	KG	289	
Refrigerant		R417A/R407C/R4 10A	
Working air temp range		(-20C)—45C	
Туре		Copeland	
Туре		Finned heat	
		exchange axial flow fan	
	-	Titanium heat	
Туре		exchanger	
Water flow	L/H	15000L/h	
down	Kpa	54	
Pipe size(water connection)	DN	63	
		MDY150D	
Rated heating capacity Rated Cooling capacity		50 37	
	KW	11	
<u> </u>		24	
	C	38	
	1	4.5	
	V/H z	380V/50	
	Db(a)	60	
W*D*H	mm	1450×760×1060	
W*D*H	mm	1520*760*1190m	
]	KG	m 320	
Unit weight Refrigerant		R417A/R407C/R4 10A	
temp range		(-20C)—45C	
Туре		Copeland	
Туре		Finned heat exchange	
Fan Type		axial flow fan	
Type		Titanium heat	
		exchanger 18000L/h	
	-		
down	<u> </u>	54	
connection)		63	
	Unit	MDY200D	
Rated heating capacity		84 19	
Rated heating input current		35	
Max outlet water temp		35	
COP		4.5	
Power		380V/50	
Noise		65	
W*D*H	mm	1990*980*2080	
W*D*H	mm	2080×1150×2130	
	KG	650	
		R417A/R407C/R4 10A	
Working air temp range compressor Type		(-20°C)—45°C	
	 	Copeland Finned heat	
Туре		exchange	
Fan Type		axial flow fan	
Fan Type Type		axial flow fan Titanium heat exchanger	
	Type Type Fan Type Water flow Water pressure down Pipe size(water connection) Ing capacity Ing input power Ing input current Ing capacity Ing capac	temp range Type Type Fan Type Water flow Water pressure down Pipe size(water connection) Unit ng capacity Water temp C V/H z Db(a) W*D*H Water pressure down Fipe size(water connection) W*D*B W*D*H Water pressure down Fipe size(water connection) Unit ng capacity KW Current A KG A A A A A A A A A A A A A	

exchange	Water pressure down	Kpa	60
	Pipe size(water connection)	DN	63
MODEL		Unit	MDY300D
Rated heatir	ng capacity	KW	100
Average heating input power		KW	25
Rated heating input current		Α	45
Max outlet water temp		°C	35
COP			4.5
Power		V/H z	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/R4 10A
Working air temp range			(-20°C)—45°C
compressor	Туре		Copeland
Air source heat	Туре		Finned heat exchange
exchanger	Fan Type		axial flow fan
	Туре		Titanium heat exchanger
Hot water	Water flow	L/H	45000L/h
side heat exchange	Water pressure down	Кра	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 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.

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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