Coated Matel Swimming Pool Heat Pump / 100kw High COP Water Chiller

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
- - - Plywooden case
- Payment Terms:
- Supply Ability:



- Negotiation
- 15 days
- T/T, L/C WESTERN UNION
- 800/MONTH



Product Specification

- Materail:
- Contactor:
- Copper Thick:
- Compressor:
- Display:
- Control:
- Reted Heating Capacity:
- Power Supply:
- Power Input:
- Noise:
- Highlight:
- Coated Matel Fuji Brand 1 Mm With Oil Heater LCD Finger Touch Wifi Function Support 100KW 380V/ 50Hz 25KW
- 68Db(a)
- swimming pool air source heat pump



Our Product Introduction



Swimming Pool Heat Pump Heating 100kw High COP water chiller

Technology Specification

Swimming pool heat pump

1. Swimming pool heater pump can be installed in many environments, including a constant temperature swimming pool, sauna constant hot water system, villa, or to supply hot water at home.

- 2. Pure titanium pool heat exchanger, anti-corrosion and durable.
- 3. Durable coating in white or metal-grey.
- 4. Auto-defrost function available.
- 5. Easy installation, connect the inlet /outlet water pipe and then enjoy it.

Swimming pool heat pump parameter tables

MODEL			MDY10D
Rated heating capacity			3.5
Average heating input power			0.8
Rated heating input current			6
Max outlet water temp			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	Туре		Panasonic
Air source	Туре		Finned heat
heat	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		exchange
exchanger	Fan Type		axial flow fan
	Туре		Titanium heat
			exchanger
Hot water side heat exchange	Water flow	L/H	1200L/h
	Water pressure down	Кра	30
	Pipe size(water connection)	DN	50
MODEL		Unit	MDY15D
Rated heatir	ng capacity	KW	5.5
Average hea	ating input power	KW	1.25
Rated heatir	ng 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	1140×360×539
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	Туре		Finned heat exchange
heat exchanger	Fan Type		axial flow fan
	Туре		Titanium heat exchanger
	Water flow	L/H	1800L/h
	water now		

side heat exchange	Water pressure down	Кра	30
e e e e e e e e e e e e e e e e e e e	Pipe size(water	DN	50
	connection)	Unit	MDY20D
MODEL Detection and a site		KW	-
Rated heating capacity		KW	9
Average heating input power		A	1.84 7
Rated heating input current		A °C	35
Max outlet water temp		Ľ	
COP		V/H	3.8
Power		z	220V/50
Noise		Db(a)	50
Dimension	W*D*H	mm	1140×360×540
Packing	W*D*H	mm	1180*380*680
size			
Unit weight		KG	75
Refrigerant			R417A/R410
	temp range	°C	(-20°C)—45°C
compressor	Туре		Panasonic
Air source	Туре		Finned heat
heat			exchange
exchanger	Fan Type		axial flow fan
	Туре		Titanium heat
			exchanger
Hot water	Water flow	L/H	3500L/h
side heat exchange	Water pressure down	Кра	30
	Pipe size(water connection)	DN	50
MODEL			MDY30D
Rated heati		KW	14
Average heating input power		1011	3
Average ne	ating input power	KW	P
	ating input power	A	3 13/6
	ng input current		-
Rated heati	ng input current	A	13/6
Rated heati Max outlet v	ng input current	A	13/6 35
Rated heati Max outlet v COP	ng input current	A ℃ V/H	13/6 35 4
Rated heati Max outlet v COP Power Noise Dimension	ng input current	A °C V/H z Db(13/6 35 4 220V/380/50 55
Rated heati Max outlet v COP Power Noise	ng input current vater temp	A ℃ V/H z Db(a)	13/6 35 4 220V/380/50 55 1120*490*790mm
Rated heati Max outlet v COP Power Noise Dimension Packing	ng input current vater temp W*D*H	A °C V/H z Db(a) mm	13/6 35 4 220V/380/50 55 1120*490*790mm 1200*520*870mm 110
Rated heati Max outlet v COP Power Noise Dimension Packing size	ng input current vater temp W*D*H	A ℃ V/H z Db(a) mm mm	13/6 35 4 220V/380/50 55 1120*490*790mm 1200*520*870mm 110 R417A/R407C/R4
Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant	ng input current vater temp W*D*H W*D*H	A ℃ V/H z Db(a) mm mm	13/6 35 4 220V/380/50 55 1120*490*790mm 1200*520*870mm 110 R417A/R407C/R ² 10A
Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air	ng input current vater temp W*D*H W*D*H temp range	A ℃ V/H z Db(a) mm mm	13/6 35 4 220V/380/50 55 1120*490*790mm 1200*520*870mm 110 R417A/R407C/R4 10A (-20°C)—45°C
Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor	ng input current vater temp W*D*H W*D*H temp range	A ℃ V/H z Db(a) mm mm	13/6 35 4 220V/380/50 55 1120*490*790mm 1200*520*870mm 110 R417A/R407C/R4 10A (-20°C)—45°C Copeland
Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air	ng input current vater temp W*D*H W*D*H temp range	A ℃ V/H z Db(a) mm mm	13/6 35 4 220V/380/50 55 1120*490*790mm 1200*520*870mm 110 R417A/R407C/R4 10A (-20°C)—45°C Copeland Finned heat
Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source	ng input current vater temp W*D*H W*D*H W*D*H temp range Type Type	A ℃ V/H z Db(a) mm mm	13/6 35 4 220V/380/50 55 1120*490*790mm 1200*520*870mm 110 R417A/R407C/R4 10A (-20°C)—45°C Copeland
Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat	ng input current vater temp W*D*H W*D*H temp range Type Type Fan Type	A ℃ V/H z Db(a) mm mm	13/6 35 4 220V/380/50 55 1120*490*790mm 1200*520*870mm 110 R417A/R407C/R4 10A (-20°C)—45°C Copeland Finned heat exchange
Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat	ng input current vater temp W*D*H W*D*H W*D*H temp range Type Type	A ℃ V/H z Db(a) mm mm	13/6 35 4 220V/380/50 55 1120*490*790mm 1200*520*870mm 110 R417A/R407C/R4 10A (-20°C)-45°C Copeland Finned heat exchange axial flow fan
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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 heat Rated heati Average heat Rated heati Model Rated heati Model Rated heati	mg input current vater temp W*D*H W*D*H W*D*H Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection) mg capacity ating input power ng input current	A °C V/H z Db(a) mm KG L/H KG L/H Kpa DN Unit KW KW KW KW A °C V/H z	13/6 35 4 220V/380/50 55 1120*490*790mm 1200*520*870mm 110 R417A/R407C/R4 10A (-20°C)45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 5500L/h 40 50 MDY40D 16 4 18/9 35 4.2 380V/50

W*D*H	mm	1200*520*1440
1	KG	160
Unit weight Refrigerant		R417A/R407C/R4
temp range	1	(-20°C)—45°C
compressor Type		Copeland
Туре		Finned heat
	<u> </u>	exchange
Fan Type	<u> </u>	axial flow fan Titanium heat
Туре		exchanger
Water flow	L/H	6500L/h
Water pressure down	Кра	45
Pipe size(water connection)	DN	50
<u>,</u>	Unit	MDY50D
ng capacity	KW	19
ating input power	KW	4.4
	A	9
vater temp	С	35
		4.2
	V/H z	380V/50
	Db(a)	55
W*D*H	mm	1120*490*1270
W*D*H	mm	1200*520*1350
	KG	160
		R417A/R407C/R4 10A
	<u> </u>	-
	<u> </u>	(-20C)—45C
Туре		Copeland Finned heat
Туре		exchange
Fan Type	-	axial flow fan
L	-	Titanium heat
		exchanger
	L/H	7500L/h
down	Кра	45
	DN	50
<u>,</u> ,	Unit	MDY60D
ng capacity	KW	26
ating input power	KW	6
ng input current	A	12
vater temp	°C	35
		4.2
Power		380/50
	Db(a)	60
W*D*H	mm	1120*490*1270
W*D*H	mm	1200*520*1350
Unit weight		210 R417A/R407C/R4
Refrigerant Working air temp range		10A (-20°C)—45°C
Туре	1	Copeland
		Finned heat
		exchange
Fan Type		axial flow fan
Туре		Titanium heat exchanger
		9000L/h
Water flow	/H	
Water flow Water pressure down	L/H Kpa	
	temp range Type Type Fan Type Fan Type Type Water flow Water pressure down Pipe size(water connection) mg capacity ating input power ng input current vater temp W*D*H W*D*H W*D*H W*D*H Type Fan Type Type Type Vater flow Water pressure down Pipe size(water connection) mg capacity ating input power ng input current vater temp Type Water flow Water pressure down Pipe size(water connection) mg capacity ating input power ng input current vater temp Type Type Type Type Type Type Type Typ	KGtemp rangeITypeITypeIFan TypeIWater flowL/HWater pressure downKpaPipe size(water connection)DNIng capacityKWating input powerKWmg input currentAvater tempCV/H zDb(a)W*D*HmmW*D*HMTypeITypeDNTypeDNImp rangeITypeDNWater flowL/HWater flowL/HWater flowMImp capacityKWAnypeITypeDNImp capacityKWMater flowL/HWater flowMWater flowMWater flowMImp capacityKWating input currentAvater temp°CimpMW*D*HmmWater temp°CImp capacityKWating input currentAvater temp°CMImmW*D*HmmW*D*HmmW*D*HmmW*D*HmmImp capacityKGImp capacityKGImp capacityKGImp capacityKGImp capacityKGImp capacityKGImp capacityKGImp capacityKG

MODEL			MDY100D
Rated heati	ng capacity	KW	42
Average heating input power		KW	9.2
Rated heati	ng input current	A	18
Max outlet v		С	35
COP			4.2
		V/H	4.2
Power		z Db(380V/50
Noise		a) `	60
Dimension	W*D*H	mm	1450×760×1060
Packing size	W*D*H	mm	1520*760*1190m m
Unit weight		KG	289
Refrigerant			R417A/R407C/R4 10A
Working air	temp range	1	(-20C)—45C
compressor		<u> </u>	Copeland
Air source	Туре		Finned heat
heat	. , , , , , , , , , , , , , , , , , , ,		exchange
exchanger	Fan Type		axial flow fan
	Туре		Titanium heat
		 	exchanger
Hot water side heat	Water flow	L/H	15000L/h
exchange	Water pressure down	Кра	54
	Pipe size(water connection)	DN	63
MODEL	,	Unit	MDY150D
Rated heati	ng capacity	KW	50
	ng capacity	KW	37
Average inp		KW	11
Rated input current		A	24
Max outlet v	water temp	С	38
COP			4.5
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	320
Refrigerant			R417A/R407C/R4
Working air	temp range		10A (-20C)—45C
compressor			Copeland
Air source	Турс		Finned heat
heat	Туре		exchange
exchanger	Fan Type	1	axial flow fan
		<u> </u>	Titanium heat
	Туре		exchanger
Hot water	Water flow	L/H	18000L/h
side heat exchange	Water pressure down	Кра	54
	Pipe size(water connection)	DN	63
MODEL	1	Unit	MDY200D
Rated heating capacity		KW	84
Average heating input power		KW	19
Rated heating input current		A	35
Max outlet water temp		°C	35
СОР			4.5
Power		V/H z	380V/50
Noise		Db(65
Noise		la)	
Noise Dimension	W*D*H	a) 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	28000L/h
side heat exchange	Water pressure down	Кра	60
	Pipe size(water connection)	DN	63
MODEL			MDY300D
Rated heati	ng capacity	KW	100
Average he	ating input power	KW	25
Rated heating input current		A	45
Max outlet v	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 Type			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

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.

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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Image: Constraint of the state of the s