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# Heat Dissipate Water To Water Heat Pump , Heat Pump Unit

### 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 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

Automaticlly

Highlight: swimming pool air source heat pump



### More Images

• Defrosting:











## **Product Description**

Meeting fish pool heat pump heater constant temperature swimming pool heat pumps hot comfortable water for swimming

## **Technology Specification**

# Constant temperature swimming pool heat pump Hot comfortable water for swimming

MODEL	-		MDY10D
Rated heating capacity			3.5
Average heating input power		KW	0.8
Rated heating input current		Α	6
Max outlet water temp		°C	35
COP			3.8
Power		V/H	220V/50
		z	
Noise		Db(	48
		a)	-
Dimension	W*D*H	mm	1140×360×538
Packing	W*D*H	mm	1180*380*680
size	· · · · · · · · · · · · · · · · · · ·		1100 000 000
Unit weight	nit weight		70
Refrigerant			R417A/R410

Working air compressor		°C	(-20°C)—45°C Panasonic
Air source	Туре		Finned heat
heat exchanger	Fan Type	$\vdash$	exchange axial flow fan
	Туре	$\vdash$	Titanium heat
Hat water	Water flow	L/H	exchanger 1200L/h
Hot water side heat	Water pressure	_	30
exchange	down	Kpa	30
	Pipe size(water connection)	DN	50
MODEL			MDY15D
Rated heating capacity  Average heating input power			5.5 1.25
Rated heati	ng input current	Α	6
Max outlet water temp COP		°C	35 3.8
Power		V/H	220V/50
		z Db(	220 1/30
Noise		a)	48
Dimension Packing	W*D*H	mm	1140×360×539
size	W*D*H	mm	1180*380*680
Unit weight	•	KG	70
Refrigerant Working air	tomo rango	°C	R417A/R410 (-20°C)—45°C
compressor			Panasonic
Air source	Туре		Finned heat
heat exchanger	Fan Type	$\vdash$	exchange axial flow fan
	1	-	Titanium heat
	Туре		exchanger
Hot water side heat	Water flow Water pressure	L/H	1800L/h
exchange	down	Kpa	30
	Pipe size(water connection)	DN	50
MODEL	connection)	Unit	MDY20D
Rated heati		KW	9
	ating input power	KW	1.84
Max outlet v		°C	35
COP			3.8
Power		V/H z	220V/50
Noise		Db(	50
Dimension	W*D*H	a) mm	1140×360×540
Packing	W*D*H	$\vdash$	1180*380*680
size	WDH	mm	75
Unit weight Refrigerant		KG	R417A/R410
Working air		°C	(-20°C)—45°C
compressor	Туре		Panasonic Finned heat
Air source heat	Туре		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	Kpa	30
ononango	Pipe size(water	DN	50
MODEL	connection)	Unit	MDY30D
Rated heati	ng capacity	KW	14
Average he	ating input power	KW	3
Rated heati Max outlet v	ng input current	A °C	13/6 35
COP	vater temp		4
Power		V/H	220V/380/50
		z Db(	
Noise		a) `	55
Dimension	W*D*H	mm	1120*490*790mr
Packing size	W*D*H	mm	1200*520*870mr
		1	110
Unit weight		KG	
		KG	
Refrigerant	temp range	KG	R417A/R407C/R 10A (-20°C)—45°C
Refrigerant Working air compressor		KG	10A (-20°C)—45°C Copeland
Refrigerant Working air compressor Air source		KG	10A (-20°C)—45°C Copeland Finned heat
Refrigerant Working air compressor Air source heat	Туре	KG	10A (-20°C)—45°C Copeland
Refrigerant Working air compressor Air source heat	Type Type Fan Type	KG	10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat
Refrigerant Working air compressor Air source heat exchanger	Type Type Fan Type Type		10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger
Refrigerant Working air compressor Air source heat exchanger  Hot water side heat	Type Type Fan Type Type Water flow	L/H	10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 5500L/h
Refrigerant Working air compressor Air source heat exchanger  Hot water side heat	Type Type Fan Type Type Water flow Water pressure down		10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger
Unit weight Refrigerant Working air compressor Air source heat exchanger  Hot water side heat exchange	Type Type Fan Type Type Water flow Water pressure down Pipe size(water	L/H	10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 5500L/h
Refrigerant Working air compressor Air source heat exchanger  Hot water side heat	Type Type Fan Type Type Water flow Water pressure down	L/H Kpa DN Unit	(-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 5500L/h 40 50 MDY40D
Refrigerant Working air compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heati	Type Type Type Type Type Water flow Water pressure down Pipe size(water connection)	L/H Kpa DN Unit	10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 5500L/h 40 50 MDY40D 16
Refrigerant Working air compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heati Average he	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)	L/H Kpa DN Unit	10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 5500L/h 40 50 MDY40D

COP		V/H	4.2
Power		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	1	KG	160
Refrigerant			R417A/R407C/R
Working air temp range			10A (-20°C)—45°C
compressor	,	$\vdash$	Copeland
Air source	Туре		Finned heat
heat exchanger	Fan Type	┢	exchange axial flow fan
	Туре	$\vdash$	Titanium heat
Hot water	Water flow	L/H	exchanger 6500L/h
side heat exchange	Water pressure	+	45
	down	пра	45
Pipe size(water connection)		DN	50
MODEL		Unit	
Rated heating capacity  Average heating input power		KW	19 4.4
	ng input current	A	9
Max outlet v		С	35
COP		1//11	4.2
Power		V/H z	380V/50
Noise		Db(	55
Dimension	W*D*H	a) mm	1120*490*1270
Packing	W*D*H	mm	1200*520*1350
size Unit weight		KG	160
Unit weight		n.G	R417A/R407C/R
Refrigerant			10A
	temp range	<u> </u>	(-20C)—45C Copeland
compressor Air source			Finned heat
heat	Туре		exchange
exchanger	Fan Type		axial flow fan Titanium heat
	Туре		exchanger
			7500L/h
Hot water	Water flow	L/H	/ 300L/11
Hot water side heat exchange	Water flow Water pressure down	+	45
side heat	Water pressure down Pipe size(water	+	
side heat	Water pressure down	Kpa	45
side heat exchange	Water pressure down Pipe size(water connection)	Kpa	45 50
side heat exchange MODEL Rated heati Average he	Water pressure down Pipe size(water connection) ng capacity ating input power	Kpa DN Unit KW KW	45 50 MDY60D 26 6
side heat exchange MODEL Rated heati Average he Rated heati	Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current	Kpa DN Unit KW KW	45 50 MDY60D 26 6 12
side heat exchange MODEL Rated heati Average he	Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current	Kpa DN Unit KW KW	45 50 MDY60D 26 6
side heat exchange MODEL Rated heati Average he Rated heati Max outlet v	Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current	Kpa DN Unit KW KW A °C	45 50 MDY60D 26 6 12 35
MODEL Rated heati Average he Rated heati Max outlet v COP Power	Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current	Kpa DN Unit KW KW A °C V/H z	45 50 MDY60D 26 6 12 35 4.2 380/50
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise	Water pressure down Pipe size(water connection) ng capacity ating input power ng input current water temp	Kpa DN Unit KW KW A °C V/H z Db( a)	45 50 MDY60D 26 6 12 35 4.2 380/50
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension	Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current vater temp	Kpa DN Unit KW KW A °C V/H z Db(	45 50 MDY60D 26 6 6 112 35 4.2 380/50 60 1120*490*1270
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise	Water pressure down Pipe size(water connection) ng capacity ating input power ng input current water temp	Kpa DN Unit KW KW A °C V/H z Db( a)	45 50 MDY60D 26 6 12 35 4.2 380/50
MODEL Rated heati Average he Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing	Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current vater temp	Kpa DN Unit KW KW A °C V/H z Db( a) mm	45 50 MDY60D 26 6 12 35 4.2 380/50 60 1120*490*1270 1200*520*1350 210
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size	Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current vater temp	Kpa DN Unit KW KW A °C V/H z Db(a) mm mm	45 50 MDY60D 26 6 12 35 4.2 380/50 60 1120*490*1270 1200*520*1350 210
side heat exchange  MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air	Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current vater temp  W*D*H  W*D*H  temp range	Kpa DN Unit KW KW A °C V/H z Db(a) mm mm	45 50 MDY60D 26 6 12 35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor	Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current vater temp  W*D*H  W*D*H  temp range	Kpa DN Unit KW KW A °C V/H z Db(a) mm mm	45 50 MDY60D 26 6 112 35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C Copeland
side heat exchange  MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Refrigerant Working air	Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current vater temp  W*D*H  W*D*H  temp range	Kpa DN Unit KW KW A °C V/H z Db(a) mm mm	45 50 MDY60D 26 6 12 35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A (-20°C)—45°C
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Working air compressor Air source	Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current vater temp  W*D*H  W*D*H  temp range  Type	Kpa DN Unit KW KW A °C V/H z Db(a) mm mm	45 50 MDY60D 26 6 12 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
MODEL Rated heati Average he Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Working air compressor Air source heat	Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current vater temp  W*D*H  W*D*H  temp range  Type  Type	Kpa DN Unit KW KW A °C V/H z Db(a) mm mm	45 50 MDY60D 26 6 112 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
MODEL Rated heati Average he Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Working air compressor Air source heat exchanger	Water pressure down Pipe size(water connection)  Ing capacity ating input powering input current water temp  W*D*H  W*D*H  W*D*H  Type  Type  Type  Type  Water flow	Kpa DN Unit KW KW A °C V/H z Db(a) mm mm	45 50 MDY60D 26 6 12 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
side heat exchange  MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Working air compressor Air source heat exchanger  Hot water side heat	Water pressure down Pipe size(water connection)  ng capacity atting input power ng input current vater temp  W*D*H  W*D*H  temp range Type Type Fan Type Type Water flow Water pressure	Kpa  DN  Unit  KW  A  C  V/H  z  Db( a)  mm  KG	45 50 MDY60D 26 6 12 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
MODEL Rated heati Average he Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Working air compressor Air source heat exchanger	Water pressure down Pipe size(water connection)  Ing capacity ating input powering input current water temp  W*D*H  W*D*H  W*D*H  Type  Type  Type  Type  Water flow	Kpa DN Unit KW A °C V/H Z Db(a) mm KG	45 50 MDY60D 26 6 112 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
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing Sizulati V Working air compressor Air source heat exchanger Hot water side heat exchange	Water pressure down Pipe size(water connection)  ng capacity atting input power ng input current vater temp  W*D*H  W*D*H  temp range Type Type Fan Type Type Water flow Water pressure down	Kpa DN Unit KW A °C V/H z Db(a) mm KG L/H Kpa DN	45 50 MDY60D 26 6 12 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
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing Sizulati Versign air Compressor Air source heat exchanger Hot water side heat exchange	Water pressure down Pipe size(water connection)  Ing capacity atting input powering input current water temp  W*D*H  W*D*H  W*D*H  Type Fan Type Type Water flow Water pressure down Pipe size(water connection)	Kpa DN Unit KW A °C V/H z Db(a) mm KG L/H Kpa DN Unit	45 50 MDY60D 26 6 12 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
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Working air compressor Air source heat exchanger Hot water side heat exchange	Water pressure down Pipe size(water connection)  Ing capacity atting input powering input current water temp  W*D*H  W*D*H  W*D*H  Type  Type  Type  Type  Water flow  Water pressure down Pipe size(water connection)	Kpa DN Unit KW A °C V/H z Db(a) mm mm KG L/H Kpa DN Unit Kw	45 50 MDY60D 26 6 12 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
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Working air compressor Air source heat exchanger Hot water side heate exchange	Water pressure down Pipe size(water connection)  Ing capacity atting input power ing input current water temp  W*D*H  W*D*H  W*D*H  Type  Type  Type  Water flow  Water pressure down Pipe size(water connection)  Ing capacity  Atting input power	Kpa DN Unit KW A °C V/H z Db(a) mm mm KG  L/H Kpa DN Unit KW KW	45 50 MDY60D 26 6 12 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
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Working air compressor Air source heat exchanger Hot water side heati Average he Rated heati Average he Rated heati	Water pressure down Pipe size(water connection)  Ing capacity atting input power ing input current water temp  W*D*H  W*D*H  W*D*H  Type  Type  Type  Water flow  Water pressure down Pipe size(water connection)  Ing capacity  atting input power ing input current	Kpa DN Unit KW A °C V/H z Db(a) mm mm KG L/H Kpa DN Unit KW A	45 50 MDY60D 26 6 12 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
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Working air compressor Air source heat exchanger Hot water side heati Average he Rated heati Average he Rated heati Average he Rated heati Max outlet v	Water pressure down Pipe size(water connection)  Ing capacity atting input power ing input current water temp  W*D*H  W*D*H  W*D*H  Type  Type  Type  Water flow  Water pressure down Pipe size(water connection)  Ing capacity  atting input power ing input current	Kpa DN Unit KW A °C V/H z Db(a) mm mm KG  L/H Kpa DN Unit KW KW	45 50 MDY60D 26 6 12 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
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Working air compressor Air source heat exchanger Hot water side heati Average he Rated heati Average he Rated heati Max outlet v COP	Water pressure down Pipe size(water connection)  Ing capacity atting input power ing input current water temp  W*D*H  W*D*H  W*D*H  Type  Type  Type  Water flow  Water pressure down Pipe size(water connection)  Ing capacity  atting input power ing input current	Kpa DN Unit KW A °C V/H z Db(a) mm mm KG L/H Kpa DN Unit KW A C	45 50 MDY60D 26 6 12 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
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Working air compressor Air source heat exchanger Hot water side heati Average he Rated heati Average he Rated heati Average he Rated heati Max outlet v	Water pressure down Pipe size(water connection)  Ing capacity atting input power ing input current water temp  W*D*H  W*D*H  W*D*H  Type  Type  Type  Water flow  Water pressure down Pipe size(water connection)  Ing capacity  atting input power ing input current	Kpa DN Unit KW A °C Unit CDb((a) MM KG C UNH CDb((a) MM MM MM KG C UNIT CDb((a) CDb((a) MM	45 50 MDY60D 26 6 12 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
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing size Unit weight Working air compressor Air source heat exchanger Hot water side heati Average he Rated heati Average he Rated heati Max outlet v COP	Water pressure down Pipe size(water connection)  Ing capacity atting input power ing input current water temp  W*D*H  W*D*H  W*D*H  Type  Type  Type  Water flow  Water pressure down Pipe size(water connection)  Ing capacity  atting input power ing input current	Kpa DN Unit KW A C V/H z Db(a) mm KG L/H Kpa DN Unit KW KW A C Unit C C C C C C C C C C C C C C C C C C C	45 50 MDY60D 26 6 12 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
MODEL 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  MODEL Rated heati Average he Rated heati Average he Rated heati COP Power Noise	Water pressure down Pipe size(water connection)  ng capacity atting input power ng input current vater temp  W*D*H  W*D*H  W*D*H  Type Type Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity atting input power ng input current vater temp	Kpa DN Unit KW A C V/H z Db(a) mm KG  L/H Kpa DN Unit KW A C V/H Z Db(a)	45 50 MDY60D 26 6 12 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 380V/50 60
MODEL 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 Rated heati Average he Rated heati COP Power	Water pressure down Pipe size(water connection)  Ing capacity atting input power ing input current water temp  W*D*H  W*D*H  W*D*H  Type  Type  Type  Water flow  Water pressure down Pipe size(water connection)  Ing capacity atting input power ing input current water temp	Kpa DN Unit KW A °C V/H z Unit KG Db(a) MM KG Unit KG  C Unit KG  C Unit KW KW A C C Db(a) MM	45 50 MDY60D 26 6 6 112 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 exchange 9000L/h 48 50 MDY100D 42 9.2 18 35 4.2 380V/50 60 1450×760×1060
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing air compressor Air source heat exchanger  MODEL Rated heati Max outlet v COP Power Noise Dimension Power Noise Dimension Power Noise Dimension Packing air compressor Air source heat exchanger	Water pressure down Pipe size(water connection)  ng capacity atting input power ng input current vater temp  W*D*H  W*D*H  W*D*H  Type Type Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity atting input power ng input current vater temp	Kpa DN Unit KW A °C Unit CDb( a) MM KG  L/H Kpa DN Unit KW KW A C Unit CDb( a) MM	45 50 MDY60D 26 6 6 112 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 380V/50 60 1450×760×1060 1520*760*1190m m
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing air compressor Air source heat exchanger  MODEL Rated heati Max outlet v COP Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger  MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing	Water pressure down Pipe size(water connection)  Ing capacity atting input power ing input current water temp  W*D*H  W*D*H  W*D*H  Type  Type  Type  Water flow  Water pressure down Pipe size(water connection)  Ing capacity atting input power ing input current water temp	Kpa DN Unit KW A °C V/H z Unit KG Db(a) MM KG Unit KG  C Unit KG  C Unit KG  C Unit KW KW A C C Db(a) MM	45 50 MDY60D 26 6 6 12 35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A C/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 380V/50 60 1450×760×1060 1520*760*1190mm 289
MODEL Rated heati Average he Rated heati Max outlet v COP Power Noise Dimension Packing air compressor Air source heat exchanger  MODEL Rated heati Max outlet v COP Power Noise Dimension Power Noise Dimension Power Noise Dimension Packing air compressor Air source heat exchanger	Water pressure down Pipe size(water connection)  Ing capacity atting input power ing input current water temp  W*D*H  W*D*H  W*D*H  Type  Type  Type  Water flow  Water pressure down Pipe size(water connection)  Ing capacity atting input power ing input current water temp	Kpa DN Unit KW A °C Unit CDb( a) MM KG  L/H Kpa DN Unit KW KW A C Unit CDb( a) MM	45 50 MDY60D 26 6 6 12 35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R 10A C/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 380V/50 60 1450×760×1060 1520*760*1190mm 289
side heat exchange  MODEL 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 Rated heati Max outlet v. COP Power Noise Dimension Packing size Unit weight Refrigerant	Water pressure down Pipe size(water connection)  Ing capacity atting input power ing input current water temp  W*D*H  W*D*H  W*D*H  Type  Type  Type  Water flow  Water pressure down Pipe size(water connection)  Ing capacity atting input power ing input current water temp	Kpa DN Unit KW A °C V/H z Unit KG Db( a) DN Unit KG C V/H z DD( a) mm mm KG	45 50 MDY60D 26 6 12 35 4.2 380/50 60 1120*490*1270 1200*520*1350 210 R417A/R407C/R-10A Finned heat exchange axial flow fan Titanium heat exchanger 9000L/h 48 50 MDY100D 42 9.2 18 35 4.2 380V/50 60 1450×760×1060 1520*760*1190m m 289 R417A/R407C/R-289 R417A/R407C/R-289 R417A/R407C/R-289

Air source heat	Туре		Finned heat exchange
exchanger	Fan Type		axial flow fan
3-		-	Titanium heat
	Туре		exchanger
Hot water	Water flow	L/H	15000L/h
side heat exchange	Water pressure	Kpa	54
excitatige	down Pipe size(water	Η.	
	connection)	DN	63
MODEL		Unit	MDY150D
Rated heating capacity		KW	50
Rated Cooling capacity  Average input power		KW	37
0 1 1		KW	11
Rated input current Max outlet water temp		Α	24
Max outlet water temp COP		С	38 4.5
Power		V/H	
ı owei		z	380V/50
Noise		Db(	60
Dimension	W*D*H	a) mm	1450×760×1060
Packing		$\vdash$	1520*760*1190m
size	W*D*H	mm	m
Unit weight	•	KG	320
Refrigerant			R417A/R407C/R4
Working air	tomp rango	-	10A (-20C)—45C
compressor		-	(-20C)—45C Copeland
Air source	1	$\vdash$	Finned heat
heat	Туре		exchange
exchanger	Fan Type		axial flow fan
	Туре		Titanium heat
Hot water	Water flow	L/H	exchanger 18000L/h
side heat	Water pressure	+	
exchange	down	Kpa	54
	Pipe size(water	DN	63
	connection)	1	
MODEL	it.	Unit	MDY200D 84
Rated heatin	ating input power	KW	19
-	ng input current	A	35
Max outlet w		°C	35
COP	· P	1	4.5
Power		V/H	380V/50
		Z Dl- /	-30.,50
Noise		Db( a)	65
Dimension	W*D*H	mm	1990*980*2080
Packing	W*D*H	mm	2080×1150×2130
size	<u> </u>	1	
Unit weight		KG	650 R417A/R407C/R4
Refrigerant			10A
	temp range	-	(-20°C)—45°C
Working air		L	,
compressor			Copeland
compressor Air source			Copeland Finned heat
compressor Air source heat	Type Type		Copeland Finned heat exchange
compressor Air source heat	Type Type Fan Type		Copeland Finned heat
compressor Air source heat	Type Type		Copeland Finned heat exchange axial flow fan
compressor Air source heat exchanger  Hot water	Type Type Fan Type Type Water flow	L/H	Copeland Finned heat exchange axial flow fan Titanium heat
compressor Air source heat exchanger  Hot water side heat	Type Type Fan Type Type Water flow Water pressure	L/H Kpa	Copeland Finned heat exchange axial flow fan Titanium heat exchanger
compressor Air source heat exchanger  Hot water side heat	Type Type Fan Type Type Water flow Water pressure down	Kpa	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h
compressor Air source heat exchanger  Hot water side heat	Type Type Fan Type Type Water flow Water pressure down Pipe size(water	+	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h
compressor Air source heat exchanger  Hot water side heat exchange	Type Type Fan Type Type Water flow Water pressure down	Kpa DN	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatin	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)	Kpa DN Unit KW	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatir Average hea	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity ating input power	Kpa DN Unit KW KW	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatii Average heat Rated heatii	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current	Kpa DN Unit KW KW	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heati Average hea Rated heatii Max outlet w	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current	Kpa DN Unit KW KW	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heati Average hea Rated heatii Max outlet w	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current	Kpa DN Unit KW KW A	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatir Average hea Rated heatir Max outlet w	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current	Kpa DN Unit KW KW A °C	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatir Average hea Rated heatir Max outlet w COP Power	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current	Kpa DN Unit KW KW A	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatir Average hea Rated heatir Max outlet w COP Power	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection) ng capacity ating input power ng input current water temp	Kpa DN Unit KW KW A °C V/H z	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50 68
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatir Average heat Rated heatir Max outlet w COP Power Noise  Dimension	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current	Kpa DN Unit KW KW A °C V/H z Db(	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatir Average hea Rated heatir Max outlet v COP Power Noise  Dimension Packing	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection) ng capacity ating input power ng input current water temp	Kpa DN Unit KW KW A °C V/H z Db( a)	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50 68
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heati Average hea Rated heati Max outlet v COP Power Noise  Dimension Packing size	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current vater temp  W*D*H	Kpa DN Unit KW KW A °C V/H z Db( a) mm mm	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50 68 1990*980*2080 2080×1150×2130
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatir Average hea Rated heatir Max outlet v COP Power Noise  Dimension Packing size Unit weight	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current vater temp  W*D*H	Kpa DN Unit KW KW A °C V/H z Db( a) mm	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50 68 1990*980*2080 2080×1150×2130 650
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatir Average hea Rated heatir Max outlet v COP Power Noise  Dimension Packing size Unit weight	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current vater temp  W*D*H	Kpa DN Unit KW KW A °C V/H z Db( a) mm mm	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50 68 1990*980*2080 2080×1150×2130 650 R417A/R407C/R4
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatir Average heat Max outlet w COP Power Noise  Dimension Packing size Unit weight Refrigerant	Type Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current vater temp  W*D*H  W*D*H	Kpa DN Unit KW KW A °C V/H z Db( a) mm mm	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50 68 1990*980*2080 2080×1150×2130 650 R417A/R407C/R4 10A (-20°C)—45°C
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatir Average hea Rated heatir Max outlet v COP Power Noise  Dimension Packing size Unit weight Refrigerant Working air	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ag capacity ating input power ng input current vater temp  W*D*H  W*D*H  temp range	Kpa DN Unit KW KW A °C V/H z Db( a) mm mm	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50 68 1990°980°2080 2080×1150×2130 650 R417A/R407C/R4 10A (-20°C)—45°C Copeland
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatii Average hea Rated heatii Max outlet w COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source	Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ag capacity ating input power ng input current vater temp  W*D*H  W*D*H  temp range	Kpa DN Unit KW KW A °C V/H z Db( a) mm mm	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50 68 1990*980*2080 2080×1150×2130 650 R417A/R407C/R4 10A (-20°C)—45°C Copeland Finned heat
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatir Average heat Rated heatir Max outlet w COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat	Type Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ag capacity ating input power ag input current water temp  W*D*H  W*D*H  temp range Type Type	Kpa DN Unit KW KW A °C V/H z Db( a) mm mm	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50 68 1990*980*2080 2080×1150×2130 650 R417A/R407C/R4 10A (-20°C)—45°C Copeland Finned heat exchange
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heati Average hea Rated heati Max outlet v COP Power Noise  Dimension Packing size Unit weight Refrigerant Working air compressor	Type Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current vater temp  W*D*H  W*D*H  temp range Type	Kpa DN Unit KW KW A °C V/H z Db( a) mm mm	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50 68 1990*980*2080 2080×1150×2130 650 R417A/R407C/R4 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatir Average heat Rated heatir Max outlet w COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat	Type Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ag capacity ating input power ag input current water temp  W*D*H  W*D*H  temp range Type Type	Kpa DN Unit KW KW A °C V/H z Db( a) mm mm	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50 68 1990°980°2080 2080×1150×2130 650 R417A/R407C/R4 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heati Average hea Rated heatii Max outlet w COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger	Type Type Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current varer temp  W*D*H  W*D*H  temp range Type Type Fan Type Type	Kpa DN Unit KW A °C V/H z Db( a) mm KG	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50 68 1990°980°2080 2080×1150×2130 650 R417A/R407C/R4 107A/R407C/R4 107A/R4 107A/R
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatir Average heat Rated heatir Max outlet w COP Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat	Type Type Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current vater temp  W*D*H  W*D*H  temp range Type Type Type Fan Type	Kpa DN Unit KW A °C V/H z Db( a) mm KG	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50 68 1990*980*2080 2080×1150×2130 650 R417A/R407C/R4 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 45000L/h
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heati Average heat Rated heati Average heat Bated heati ODE Power Noise Dimension Packing size Unit weight Refrigerant Working air compressor Air source heat exchanger	Type Type Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection) g capacity aating input power ng input current vater temp  W*D*H  W*D*H  temp range Type Type Fan Type Type Type Water flow Water pressure down	Kpa DN Unit KW A °C V/H z Db( a) mm KG	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50 68 1990°980°2080 2080×1150×2130 650 R417A/R407C/R4 107A/R407C/R4 107A/R4 107A/R
compressor Air source heat exchanger  Hot water side heat exchange  MODEL Rated heatir Average heat Rated heatir Max outlet w COP Power Noise  Dimension Packing size Unit weight Working air compressor Air source heat exchanger	Type Type Type Fan Type Type Water flow Water pressure down Pipe size(water connection)  ng capacity ating input power ng input current water temp  W*D*H  W*D*H  temp range Type Type Fan Type Type Water flow Water pressure	Kpa DN Unit KW A °C V/H z Db( a) mm KG	Copeland Finned heat exchange axial flow fan Titanium heat exchanger 28000L/h 60 63 MDY300D 100 25 45 35 4.5 380V/50 68 1990*980*2080 2080×1150×2130 650 R417A/R407C/R4 10A (-20°C)—45°C Copeland Finned heat exchange axial flow fan Titanium heat exchanger 45000L/h

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

### Packaging & Delivery

Packaging Details: export wooden packing

Delivery Time: 15-30 days

### 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.

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

Packing: plywood case





# 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

# 







Floor 5, 2nd Building, Zhonglu Industrial Zone, Shenzhen City, Guangdong Province China (Mainland)