

Intelligent Micro-channel Stable And High Efficient

Using multi-variable micro-channel technology and flexible lamination technology, the heat exchange area is larger, the heat transfer effect is better, and the system energy efficiency is higher; the heat exchanger does not come into contact with the water in the water tank, and there is no corrosion, scaling, or leakage; The whole body is made of high-pressure foam, and the insulation layer is fine, uniform, and tight, and the insulation effect is better; the blue diamond specially protected inner tank has passed 280,000 pressure pulse tests and has stable performance.



Sufficient Magnesium anode rod

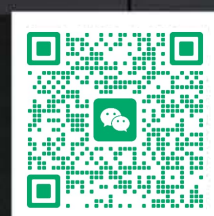
protect water tank
improve anti-corrosion ability

Detachable temperature sensor

test the water temperature inside the tank
more accurate temperature sensing
removable&replaceable

Micro-channel

The overall heating speed is increased by 10%
8% energy saving than ordinary heat pump water heater



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22Years OEM | ODM

Ename l coated tank | Stainless steel tank
All in one | Split | Commercial heat pump
Electric | Solar | Heat pump water heater

Pecol™

DOMESTIC AIR SOURCE ALL-IN-ONE HEAT PUMP WATER HEATER
DOMESTIC AIR SOURCE SPLIT HEAT PUMP WATER HEATER



| 60L | 80L | 100L | 150L | 160L | 200L | 250L |
| 270L | 300L | 330L | 350L | 400L | 420L | 500L |



Domestic All in One Heat Pump
(AHP38T Series)



Led Intelligent Controller
Large LED display, multi-function mode selection, easy operation.



Class One Energy Efficiency
Built-in electronic expansion valve, intelligent control the refrigerant flow, precise temperature control, energy saving.



Silent Operation
Sealed cabin with sound insulation board, optimized design of the noise reduction system for the whole water heater.



Durable
Dedicated brand compressor, high efficiency, long life, 6-year warranty.



Domestic All in One Heat Pump
(AHP75W Series)



External Controller
The beautiful and exquisite control panel can be installed anywhere on the wall, easy to use, showing high-end style.



Higher Energy Efficiency
Built-in electronic expansion valve, intelligent control the refrigerant flow, precise temperature control, energy saving.



Silent Operation
Sealed cabin with sound insulation board, optimized design of the noise reduction system for the whole water heater.



Durable
Dedicated brand compressor, high efficiency, long life, 6-year warranty.



Technical Parameters						
160L	Rated voltage/frequency	Rated heating capacity	Rated input power	Electric element rated power	Max input power	COP
	220V~/50Hz	1780W	420W	2500W	3200W	4.25
	Max input current	Inlet/Outlet Dia	Net Weight	Refrigerant	Overall size (mm)	Noise level
	15A	G3/4 "	102Kg	R134a	Φ525x1735	40dB(A)
200L	Rated voltage/frequency	Rated heating capacity	Rated input power	Electric element rated power	Max input power	COP
	220V~/50Hz	1780W	420W	2500W	3200W	4.25
	Max input current	Inlet/Outlet Dia	Net Weight	Refrigerant	Overall size (mm)	Noise level
	15A	G3/4 "	114Kg	R134a	Φ525x1955	40dB(A)



Technical Parameters						
250L	Rated voltage/frequency	Rated heating capacity	Rated input power	Electric element rated power	Max input power	COP
	220V~/50Hz	3300W	815W	2500W	4000W	4.05
	Max input current	Inlet/Outlet Dia	Net Weight	Refrigerant	Overall size (mm)	Noise level
	18.5A	G3/4 "	117Kg	R134a	Φ650x1765	42dB(A)
300L	Rated voltage/frequency	Rated heating capacity	Rated input power	Electric element rated power	Max input power	COP
	220V~/50Hz	3300W	827W	2500W	4000W	4.05
	Max input current	Inlet/Outlet Dia	Net Weight	Refrigerant	Overall size (mm)	Noise level
	18.5A	G3/4 "	129Kg	R134a	Φ650x1950	42dB(A)



Domestic All in One Heat Pump
(AHP35W Series)



Enameled Inner Tank
280,000 pulse pressure tests, no leakage, no scaling, corrosion resistance, clean and healthy water quality.



Integrated Design, Easy Installation
Built-in electronic expansion valve, intelligent control the refrigerant flow, precise temperature control, energy saving.



Panasonic Brand Heat Pump Compressor
Dedicated brand compressor, higher heating efficiency, supplying hot water without waiting.



Intelligent external controller
Fashionable appearance design, simple and exquisite.



Domestic All in One Heat Pump
(AHP118AW Series)



Large Heating Capacity
Large capacity water storage, efficient and rapid heating, more suitable for large families.



Sustained Suction
Double fans design, maintaining stable wind speed and pressure, meeting the suction requirements of large capacity air source heat pump water heater.



Silent Operation
Sealed cabin with sound insulation board, optimized design of the noise reduction system for the whole water heater



Durable
Dedicated brand compressor, high efficiency, long life, 6-year warranty.



Technical Parameters						
150L	Rated voltage/frequency	Rated heating capacity	Rated input power	Electric element rated power	Max input power	COP
	220V~/50Hz	1600W	415W	2500W	3200W	3.85
	Max input current	Inlet/Outlet Dia	Net Weight	Refrigerant	Overall size (mm)	Noise level
	15A	G3/4 "	74Kg	R134a	Φ525x1635	45dB(A)
200L	Rated voltage/frequency	Rated heating capacity	Rated input power	Electric element rated power	Max input power	COP
	220V~/50Hz	1600W	415W	2500W	3200W	3.85
	Max input current	Inlet/Outlet Dia	Net Weight	Refrigerant	Overall size (mm)	Noise level
	15A	G3/4 "	95Kg	R134a	Φ525x1955	45dB(A)



Technical Parameters						
350L	Rated voltage/frequency	Rated heating capacity	Rated input power	Electric element rated power	Max input power	COP
	220V~/50Hz	5300W	1300W	2500W	5000W	4.05
	Max input current	Inlet/Outlet Dia	Rated water pressure	Refrigerant	Overall size (mm)	Noise level
420L	23A	G1 "	0.8Mpa	R134a	675x937x1720	45dB(A)
	Rated voltage/frequency	Rated heating capacity	Rated input power	Electric element rated power	Max input power	COP
	220V~/50Hz	5300W	1300W	2500W	5000W	4.05
420L	Max input current	Inlet/Outlet Dia	Rated water pressure	Refrigerant	Overall size (mm)	Noise level
	23A	G1 "	0.8Mpa	R134a	675x1006x1720	45dB(A)



Domestic All in One Heat Pump
(AHP35T Series)



Enameled Inner Tank
280,000 pulse pressure tests, no leakage, no scaling, corrosion resistance, clean and healthy water quality.



Integrated Design, Easy Installation
Built-in electronic expansion valve, intelligent control the refrigerant flow, precise temperature control, energy saving.



Panasonic Brand Heat Pump Compressor
Dedicated brand compressor, higher heating efficiency, supplying hot water without waiting.



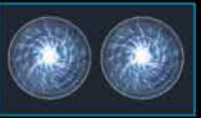
Intelligent external controller
Fashionable appearance design, simple and exquisite.



Domestic All in One Heat Pump
(AHP118BW Series)



Large Heating Capacity
Large capacity water storage, efficient and rapid heating, more suitable for large families.



Sustained Suction
Double fans design, maintaining stable wind speed and pressure, meeting the suction requirements of large capacity air source heat pump water heater.



Silent Operation
Sealed cabin with sound insulation board, optimized design of the noise reduction system for the whole water heater



Durable
Dedicated brand compressor, high efficiency, long life, 6-year warranty.



Technical Parameters						
150L	Rated voltage/frequency	Rated heating capacity	Rated input power	Electric element rated power	Max input power	COP
	220V~/50Hz	1600W	415W	2500W	3200W	3.85
	Max input current	Inlet/Outlet Dia	Net Weight	Refrigerant	Overall size (mm)	Noise level
	15A	G3/4 "	74Kg	R134a	Φ525x1635	45dB(A)
200L	Rated voltage/frequency	Rated heating capacity	Rated input power	Electric element rated power	Max input power	COP
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	Max input current	Inlet/Outlet Dia	Net Weight	Refrigerant	Overall size (mm)	Noise level
	15A	G3/4 "	95Kg	R134a	Φ525x1955	45dB(A)



Technical Parameters						
350L	Rated voltage/frequency	Rated heating capacity	Rated input power	Electric element rated power	Max input power	COP
	220V~/50Hz	5300W	1300W	2500W	5000W	4.05
	Max input current	Inlet/Outlet Dia	Rated water pressure	Refrigerant	Overall size (mm)	Noise level
	23A	G1 "	0.8Mpa	R134a	675x937x1720	45dB(A)
420L	Rated voltage/frequency	Rated heating capacity	Rated input power	Electric element rated power	Max input power	COP
	220V~/50Hz	5300W	1300W	2500W	5000W	4.05
	Max input current	Inlet/Outlet Dia	Rated water pressure	Refrigerant	Overall size (mm)	Noise level
	23A	G1 "	0.8Mpa	R134a	675x1006x1720	45dB(A)

Domestic All in One Heat Pump
(Australian Model)



Enameled Inner Tank
280,000 pulse pressure tests, no leakage, no scaling, corrosion resistance, clean and healthy water quality.



Silent Operation
Sealed cabin with sound insulation board, optimized design of the noise reduction system for the whole water heater, noise control in the indoor environment level.



Dedicated Brand Compressor
Dedicated brand compressor, higher heating efficiency, supplying hot water without waiting.



Intelligent External Controller
Fashionable appearance design, simple and exquisite.



Refrigerant R290
New upgrade, Higher STC value, Watermark certified.

Domestic All in One Heat Pump
(European Model)



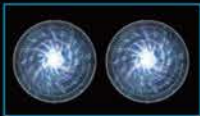
Enameled Inner Tank
280,000 pulse pressure tests, no leakage, no scaling, corrosion resistance, clean and healthy water quality.



Dedicated Brand Compressor
Dedicated brand compressor, higher heating efficiency, supplying hot water without waiting.



Refrigerant R290
New upgrade, High energy efficiency based on 150g R290 refrigerant.



DC variable speed fan
Intelligent temperature control, more comfortable and more eco-friendly.



Air in/out at top side
Suitable for various occasions.



Australian Style all in one technical parameter						
270L	Rated voltage and Hz	Rated heating capacity	Heating water per hour	Max. Input power	Heat pump rated power	COP
	220V-240V~/50Hz	2650W	60L/h	1992W	490W	5.4
	Rated heating element power	Tank working pressure	Weight	Refrigerant	Product size(mm)	Noise level
300L	1000W	0.80MPa	118kg	R290	Φ650x1880	42dB(A)
	Rated voltage and Hz	Rated heating capacity	Heating water per hour	Max. Input power	Heat pump rated power	COP
	220V-240V~/50Hz	2650W	60L/h	1992W	490W	5.4
330L	Rated heating element power	Tank working pressure	Weight	Refrigerant	Product size(mm)	Noise level
	1000W	0.80MPa	126kg	R290	Φ650x2000	42dB(A)
	Rated voltage and Hz	Rated heating capacity	Heating water per hour	Max. Input power	Heat pump rated power	COP
	220V-240V~/50Hz	2650W	60L/h	1992W	490W	5.4
330L	Rated heating element power	Tank working pressure	Weight	Refrigerant	Product size(mm)	Noise level
	1000W	0.80MPa	131kg	R290	Φ650x2110	42dB(A)



European Style all in one technical parameter						
200L	Rated voltage and Hz	Rated heating capacity	Heating water per hour	Max. Input power	Heat pump rated power	COP
	220V~/50Hz	1500W	35L/h	3100W	385W	二級(A+)
	Rated heating element power	Tank working pressure	Weight	Refrigerant	Product size(mm)	Noise level
250L	2500W	0.8MPa	95kg	R290	Φ650x1440	40dB(A)
	Rated voltage and Hz	Rated heating capacity	Heating water per hour	Max. Input power	Heat pump rated power	COP
	220V~/50Hz	1500W	35L/h	3100W	385W	二級(A+)
300L	Rated heating element power	Tank working pressure	Weight	Refrigerant	Product size(mm)	Noise level
	2500W	0.8MPa	110kg	R290	Φ650x1650	40dB(A)
	Rated voltage and Hz	Rated heating capacity	Heating water per hour	Max. Input power	Heat pump rated power	COP
	220V~/50Hz	1500W	35L/h	3100W	385W	二級(A+)
300L	Rated heating element power	Tank working pressure	Weight	Refrigerant	Product size(mm)	Noise level
	2500W	0.8MPa	129kg	R290	Φ650x1850	40dB(A)



Domestic All in One Heat Pump (European Model)



Enameled Inner Tank
280,000 pulse pressure tests, no leakage, no scaling, corrosion resistance, clean and healthy water quality.



Dedicated Brand Compressor
Dedicated brand compressor, higher heating efficiency, supplying hot water without waiting.



Refrigerant R290
New upgrade, High energy efficiency based on 150g R290 refrigerant.



DC variable speed fan
Intelligent temperature control, more comfortable and more eco-friendly.



Air in/out at top side
Suitable for various occasions.



Vertical Type Wall Mounted Heat Pump



Intelligent external controller
Fashionable appearance design, simple and exquisite.



Higher Energy Efficiency
Built-in electronic expansion valve, intelligent control the refrigerant flow, precise temperature control, energy saving.



Silent Operation
Sealed cabin with sound insulation board, optimized design of the noise reduction system for the whole water heater.



Durable
Dedicated brand compressor, high efficiency, long life, 6-year warranty.



Vertical wall-mounted all in one technical parameter						
60L	Rated voltage and Hz	Rated heating capacity	Heat pump rated input power	Max. Input power	Max. Input power	COP
	220V~ /50Hz	850W	212W	2000W	2450W	2nd grade
	Max. Input current	Inlet/outlet size	Weight	Refrigerant	Product size(mm)	Noise level
80L	220V~ /50Hz	850W	212W	2000W	2450W	2nd grade
	Max. Input current	Inlet/outlet size	Weight	Refrigerant	Product size(mm)	Noise level
	12A	G1/2"	65kg	R134a	Φ470x1168	40dB(A)
100L	Rated voltage and Hz	Rated heating capacity	Heat pump rated input power	Max. Input power	Max. Input power	COP
	220V~ /50Hz	850W	212W	2000W	2450W	2nd grade
	Max. Input current	Inlet/outlet size	Weight	Refrigerant	Product size(mm)	Noise level
	12A	G1/2"	72kg	R134a	Φ470x1330	40dB(A)



Technical Parameters						
60L	Rated voltage/frequency	Rated heating capacity	Rated Input power	Electric element rated power	Max Input power	COP
	220V~ /50Hz	750W	220W	2000W	2450W	3A
	Max Input current	Inlet/Outlet Dia	Net Weight	Refrigerant	Overall size (mm)	Noise level
80L	12A	G1/2"	60kg	R134a	Φ470x1000	40dB(A)
	Rated voltage/frequency	Rated heating capacity	Rated Input power	Electric element rated power	Max Input power	COP
	220V~ /50Hz	750W	220W	2000W	2450W	3A
100L	Max Input current	Inlet/Outlet Dia	Net Weight	Refrigerant	Overall size (mm)	Noise level
	12A	G1/2"	65kg	R134a	Φ470x1168	40dB(A)
	Rated voltage/frequency	Rated heating capacity	Rated Input power	Electric element rated power	Max Input power	COP
	220V~ /50Hz	750W	220W	2000W	2450W	3A
	Max input current	Inlet/Outlet Dia	Net Weight	Refrigerant	Overall size (mm)	Noise level
	12A	G1/2"	72kg	R134a	Φ470x1330	40dB(A)

Horizontal Type Wall Mounted Heat Pump
External controller



Horizontal Type Wall Mounted Heat Pump
Built-in type controller



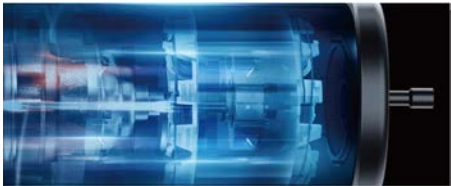
High efficient heat pump system, smart energy saving
Dedicated brand compressor, faster heating, energy saving, stable system.



External controller
The beautiful and exquisite control panel can be installed anywhere on the wall, easy to use, showing high-end style.



Horizontal installation, space saving
Integrated design, easy installation



Sealed cabin design, silent operation
Exquisite workmanship creates a library-level silence, so you can sleep without disturbing.

Model	AHP16W/T-60H/V	AHP16W/T-80H/V	AHP16W/T-100H/V
Rated capacity	60L	80L	100L
Color	White/silver	White/silver	White/silver
Energy efficiency rating	Class 5	Class 5	Class 5
Energy efficiency ratio	3.4	3.4	3.4
Rated voltage	220V~	220V~	220V~
Rated frequency	50Hz	50Hz	50Hz
Heating capacity	750W	750W	750W
Heating power	16L/h	16L/h	16L/h
Rated max water temperature	75°C	75°C	75°C
Rated output power	2450W	2450W	2450W
Heat pump rated power	220W	220W	220W

Model	AHP16W/T-60H/V	AHP16W/T-80H/V	AHP16W/T-100H/V
Rated power of electric heater	2000W	2000W	2000W
Rated pressure	0.8MPa	0.8MPa	0.8MPa
Noise level	42dB(A)	42dB(A)	42dB(A)
Net weight	58kg	65kg	72kg
Refrigerant	R134a	R134a	R134a
Ambient working temperature	5~45°C	5~45°C	5~45°C
Inhale/exhaust max working pressure	0.7/2.6MPa	0.7/2.6MPa	0.7/2.6MPa
Low/high pressure side allowed working pressure	0.7/2.6MPa	0.7/2.6MPa	0.7/2.6MPa
Max. working pressure of heat exchanger	2.6MPa	2.6MPa	2.6MPa
Overall size	Φ470×890mm	Φ470×1075mm	Φ470×1225mm
Carton dimension	550×520×1045mm	550×520×1195mm	550×520×1345mm

Split Heat Pump Water Heater
Refrigerant Circulation



Micro Chanel Enamel Coated Tanks
Refrigerant liquid and water is separated , more safety. Big exchange area of Micro chanel,more efficiency.



Famous Brand Heat Pump Compressor
High efficiency ,strong power stable performance ,long use life.

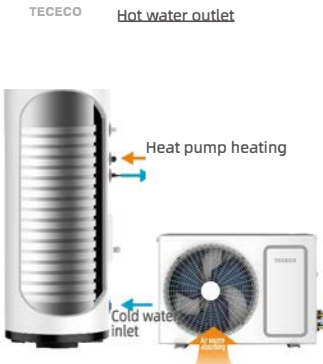
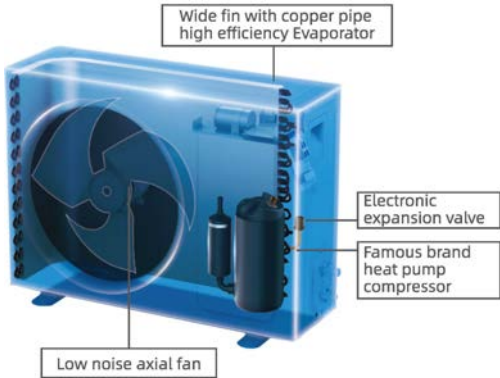


Electronic Expansion Valve
Built-in electronic expansion valve , intelligent controlling the refrigerant flow,precise temperature control logic.



Efficiency Axial Fan
High efficiency with the low noise design keeps the whole system quiet and high efficiency.

- Six Protection:**
- ◆ High voltage protection
 - ◆ Compressor over heating protection
 - ◆ Hot water over heating protection
 - ◆ High and low refrigerant pressure protection
 - ◆ High water pressure protection
 - ◆ Circuit failure protection



Refrigerant Circulation Split Heat Pump Water Heater Technical Parameters				
Model	SAHP-80 /150	SAHP-80 /200	SAHP-80 /300	SAHP-150/500
Tank capacity	150L	200L	300L	500L
Power supply	220V/1PH/50HZ	220V/1PH/50HZ	220V/1PH/50HZ	220V/1PH/50HZ
Working temp. (°C)	-5°C~43°C	-5°C~43°C	-5°C~43°C	-5°C~43°C
Max. outlet Water temp. (°C)	60°C	60°C	60°C	60°C
Capacity (W)	3360W	3360W	3360W	7200W
Hot water yield (L/h)	71	71	71	154.8
Max KW	800	800	800	1750
COP	4.2	4.2	4.2	4.11
Rated current (A)	3.71	3.71	3.71	8.08
Max. input consumption (W)	1190	1190	1190	2600
Max. input current (A)	5.49	5.49	5.49	12
Compressor type	rotary compressor	rotary compressor	rotary compressor	rotary compressor
High Pressure Stop Valve Size	DG8 5/8-18uNF	DG8 5/8-18uNF	DG8 5/8-18uNF	DG10 3/4-16uNF
Low Pressure Stop Valve Size	DG4 7/16-20uNF	DG4 7/16-20uNF	DG4 7/16-20uNF	DG4 7/16-20uNF
Refrigerant Circulation Liquid	R410a	R410a	R410a	R410a
Evaporator	one	one	one	one
Fin type	Ultra Gold Color Hydrophilic aluminium			
Throttling element	Electronic expansion valve			
Wire controller Type	Intelligent & LCD	Intelligent & LCD	Intelligent & LCD	Intelligent & LCD
Outdoor noise level (dB(A))	52	52	52	55
Dimension(L*W*H) mm	765*260*530	765*260*530	765*260*530	800*300*540
Packing(L*W*H) mm	870*355*615	870*355*615	870*355*615	910*380*600
Tank Parameter	150L	200L	300L	500L
Tank Material	Enamel coating steel			
Enamel coating Thickness	0.3 to 0.5mm			
Type of Heat exchanger	Micro Channel	Micro Channel	Micro Channel	Micro Channel
Electro Heater (Kw)	2 kw	2 kw	2 kw	2 kw
Tank rated working pressure (Mpa)	0.8 Mpa	0.8 Mpa	0.8 Mpa	0.8 Mpa
Water inlet/outlet size	3/4 Inch	3/4 Inch	1 Inch	1 Inch
T/P Valve connection size	3/4 Inch	3/4 Inch	3/4 Inch	3/4 Inch
Drain water connection size	3/4 Inch	3/4 Inch	3/4 Inch	3/4 Inch
Magnesium anode protection	yes			
Type of insulation	Polyurethane insulation layer			
Insulation thickness	50mm	50mm	50mm	50mm
Weight	48KG	60KG	87KG	135KG
TANK SIZE	450*450*1551	470*470*1795	580*580*1845	710*710*1885



Split Heat Pump Water Heater | Water Cooler
Water Based Circulation
DC INVERTER R32 Monoblock



DC Inverter

Panasonic Compressor

300L/500L Big Capacity

Refrigerant R32

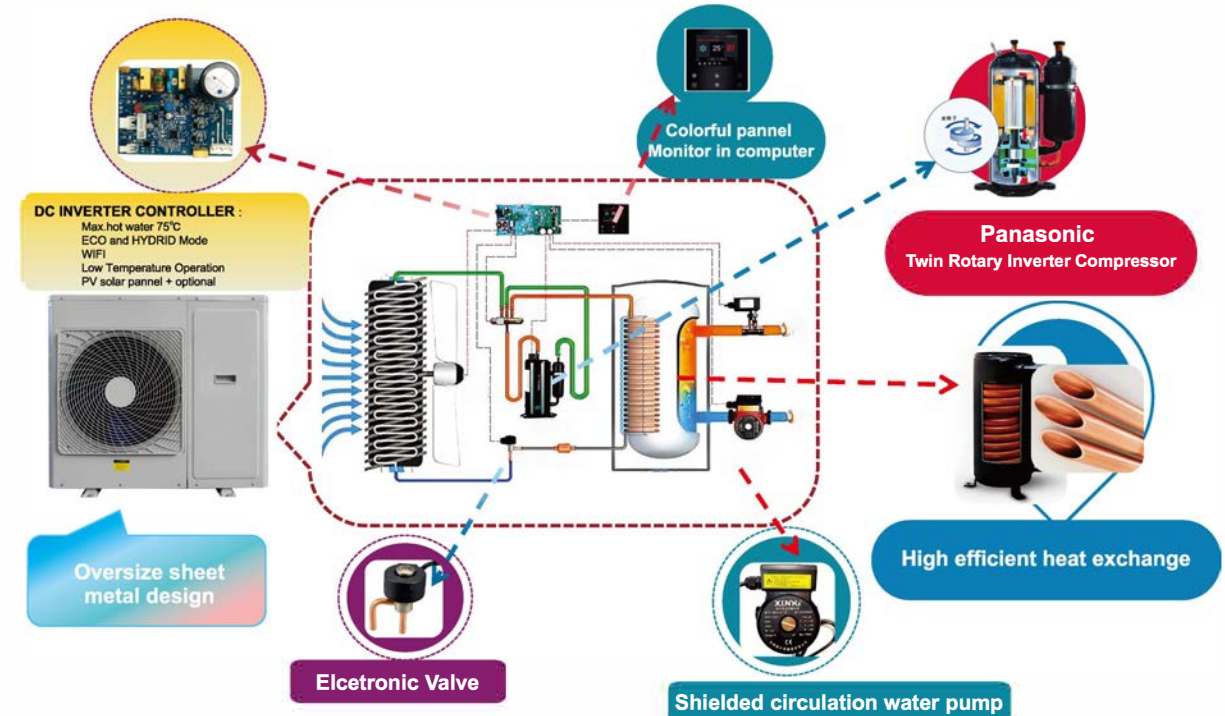
Colorful Wifi controller

MAX. Water Temp. 75°C

High COP

Double Model ECO And Hybrid

Structure Diagram



DC Inverter Water Circulation Split Heat Pump Water Heater Parameter

Model for hot water heater	DCSAHP-300/500HW
Hot Water Tank	300L/500L
Max.heat pump heating output	7600w
Evarage heat pump output power	6596w
Heat pump input (Watts)	1440w
COP	4.58
Compressor brand	Panasonic
Water pump max. flow	2.5m³/h
Water pump max. head	8.0m
Water pump max. power	180w
Water pipe max. pressure	0.8Mpa
Power supply	AC220V/50Hz ~ 60Hz
Max.power without element	2080w
Max. current without element	9.45A
Hybrid max.hot water temp.	75°C
Heat pump noise level	≤55db(A)
Refrigerant / Volume	R32/800g
Operating temperature range	-15°C~45°C
Max.Electric elment	3KW
Water proofing grade	IPX4
Heat pump unit and tank distance	≤5M
Water inlet/outlet	DN20
Weight	56kg
Overall Size(mm*mm*mm)	950*350*850
Package size(mm*mm*mm)	1020*390*1000
PV Power connecting	Optional PV Power connecting
Cooling Water	Optional 5°C~18°C



DC INVERTER WIFI Colorful CONTROLLER :

Max.hot water 75°C
ECO and HYDRID Mode
WIFI
Low Temperature Operation
PV solar pannel + optional



Strong Heating capacity

Oversized sheet metal design;
Facilitates efficient heat exchanger discharge;
Greater ventilation volume, conducive to high-efficiency operation.



PANASONIC Inverter compressor High COP 4.58

High efficiency ,strong power stable performance ,long use life.



High-efficiency tank heat exchangers

Thickened copper tubes with internal and external threads for heat exchange, delivering high heat transfer efficiency;
Large water flow capacity, resistant to clogging;
Counterflow design between refrigerant and circulating water for enhanced heat exchange efficiency.



R32 Eco friendly refrigerant

R32 efficiently works even in small volume and decreases the potential hazard of global warming,easy to recycle. Lower GWP and carbon emission (GWP:Global Warming Potential) reduce up to 75% of CO2 comparing with R410A



DC inverter fan motor

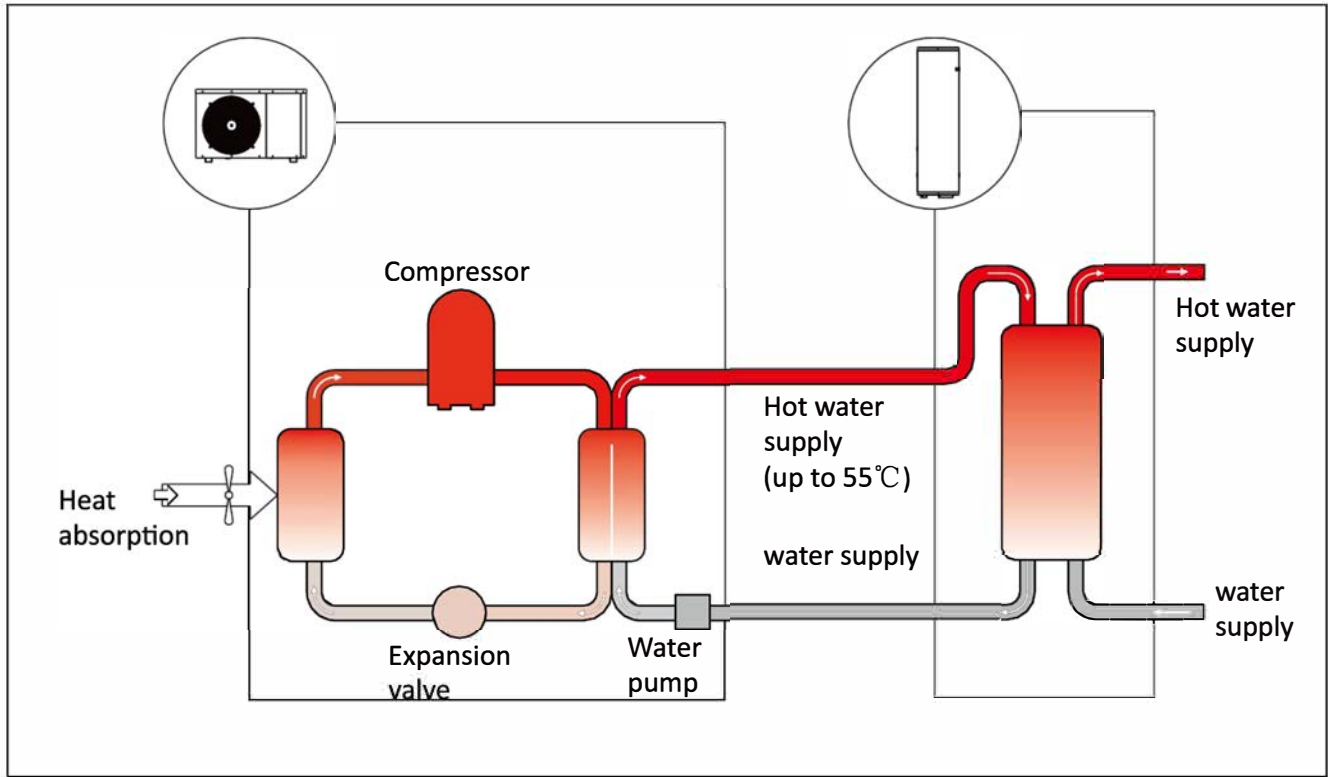
The DC inverter fan motor automatically adjusts its rotation speed based on the intake air temperature during high-temperature operation, resulting in greater energy savings.



Shielded circulation water pump and Water flow switch

Built-in shielded circulation water pump, reducing on-site construction workload and saving homo sapiens labor costs. The shielded pump operates with minimal noise and zero vibration; Built-in water flow switch, saving material and installation expenses.

Working Diagram



Water Circulation Heat Pump Buffer Tank Technical Parameters

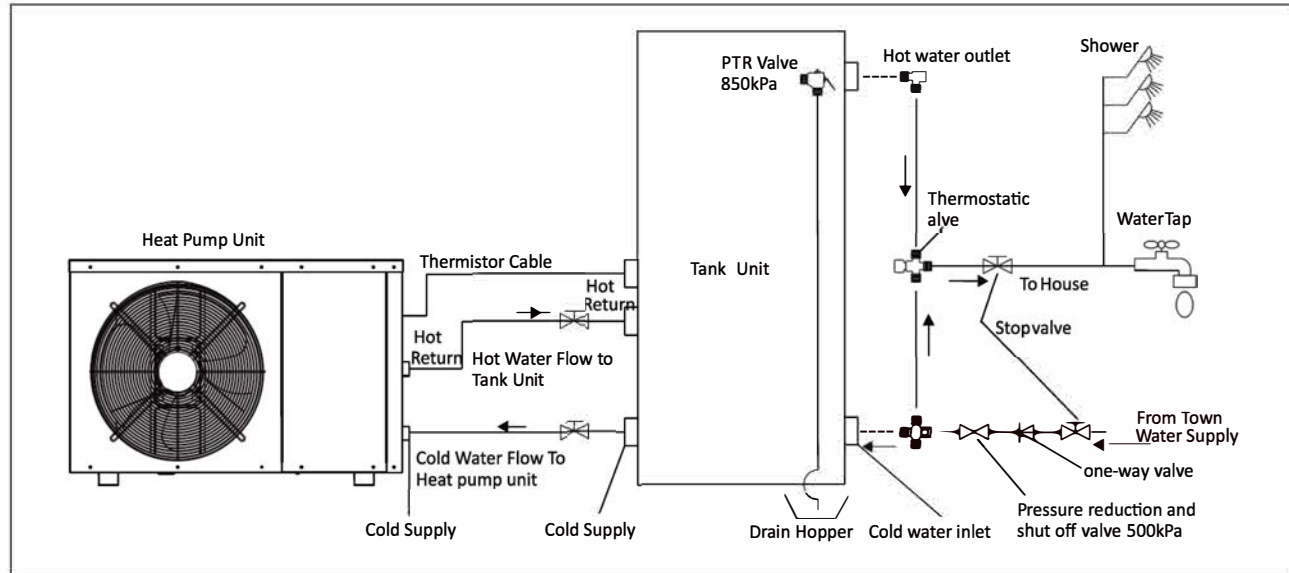
Buffer Tank Model	SHPBT-150	SHPBT-200	SHPBT-300	SHPBT-400	SHPBT-500
Capacity (L)	150	200	300	400	500
Max. Working Pressure (bar)	8				
Inner Tank Material	Enamel Coating Inner Tank				
Electric Heater (kw)	3kw x 2 = 6	3kw x 2 = 6	3kw x 2 = 6	3kw x 2 = 6	3kw x 2 = 6
	(heating parts are optional, not available in original)				
Rated Working Current (A)	28	28	28	28	28
Power Supply	220V/60Hz/50Hz(Optional)				
Insulation	Polyurethane Foam (PUF)				
Inlet / Outlet connection	3/4"	3/4"	3/4"/1"	3/4"/1"	3/4"/1"
Heat Pump Circulation Connection	3/4"	3/4"	3/4"	3/4"	3/4"
T/P Valve Connection	3/4"	3/4"	3/4"	3/4"	3/4"
Drain Connection	3/4"	3/4"	3/4"	3/4"	3/4"
Dimensions (mm)	Φ520 x1275	Φ580 x1351	Φ650 x1500	Φ710 x1497	Φ710 x1971

Remark : More different sizes of tank dia. and height for same tank capacity can be chosen as customer's building requirement.

Split Heat Pump Water Heater
Water Circulation Based Fixed Frequency



Typical Installation Layout



Water Circulation Heat Pump Water Heater Technical Parameters

Model	SAHP010HW	SAHP015HW	SAHP020HW	SPHP030HW
Recommend DHW Storage Tank	150L/200L	200L/300L	300L/400L/500L	500L/1000L/1500L
Power Supply - Refrigerant	220V/1N~/ 50Hz -R410A			
Performance testing situation	Heating Performance: A20/15℃, W15~55℃			
Heating Capacity (KW)	3.6	5.16	7.14	9.24
Input Power (KW)	0.9	1.2	1.7	2.2
COP (W/W)	4.20	4.30	4.20	4.2
H.W Production Capacity	75 L/H	108 L/H	150 L/H	190 L/H
Max. Input Power (KW)	1.2	1.7	2.5	3
Max. Input Current (A)	5.5	7.7	11.2	13.8
Min.Water Circulating Volume	600 L/H	900 L/H	1200 L/H	1500 L/H
Max. Outlet Water Temp	60℃			
Working Temp.Range	-7~43℃			
Compressor	GMCC	GMCC	GMCC	GMCC
Condensor / Evaporator / Fan	High Efficiency Tank heat Exchanger / Copper Tubes&Hydrophilic Aluminum Fans / 40 W*1(3μF)			
Noise (dB(A))	≤42	≤42	≤45	≤45
Connection Pipe Size	DN25			
Water Pressure Drop - Kpa	≤18	≤18	≤25	≤27
WATER PUMP	within or without both ok as customer's requirement			
Unit Dimension (mm)	1000*350*620			
Net Weight (KG)	40	46	55	62
Tank Parameter	200L	300L	400L	500L
Tank Material	Enamel coating steel			
Enamel coating Thickness	0.3 to 0.5mm			
Electric Heater (Kw)	Emerson/Incoloy 800 3kw	Emerson/Incoloy 800 3kw	Emerson/Incoloy 800 4kw	Emerson/Incoloy 800 3kw*2PCS
Tank rated working pressure (Mpa)	0.8 Mpa	0.8 Mpa	0.8 Mpa	0.8 Mpa
Water Inlet outlet size	3/4 Inch	1 Inch	1 Inch	1 Inch
T/P Valve connection size	3/4 Inch	3/4 Inch	3/4 Inch	3/4 Inch
Drain water connection size	3/4 Inch	3/4 Inch	3/4 Inch	3/4 Inch
Type of Insulation and thickness	Polyurethane insulation layer 50mm			
Tank weight	60KG	87KG	95KG	135KG
Tank size	Φ520mm*1731mm	Φ650mm*1627mm	Φ650mm*2047mm	Φ710mm*1953mm
Remark	Tank or Heat pump unit overall size can be adjustable with various choices.			