

COOLIX

HEAT PUMP WATER TANK

Water Tank Capacity 300L

Heating Capacity 3500W

Cooling Capacity 3500W



Shower



Wash Dishes



Cool & Heat Comfort Wash

Enjoy the Comfort of Cooling & Heating Running Water
Even When It's Summer or Winter Season



50 Hz

DOMESTIC HEAT PUMP WATER TANK

HEAT PUMP WATER TANK

COOLEX HEAT PUMP WATER TANK HEATING AND COOLING (HPWA) is specially designed and engineered for water temperature control either to heat or to cool water for the different climate conditions. The unit works as a water heater or cooler or in combination during summer or winter conditions offering the most energy efficient heat pump system.

Standard Features:

COMPRESSOR

The compressor is a high efficiency rotary type equipped with internal motor protector and necessary accessories for safe operation.



EVAPORATOR/ CONDENSER COIL

The coils are built up seamless copper tubes and mechanically bonded to scientifically designed aluminum fins for maximum heat transfer efficiency. The assembled coils are factory leak tested under water at a pressure of 450 psig for quality and leak free unit.



FAN MOTOR

Asynchronous motors are known for their simplicity, ruggedness, and reliability. They have a relatively low cost of manufacturing and maintenance. These motors do not require brushes or a commutator, reducing wear and tear.



REVERSING VALVE

Reversing Valves switch between cooling and heating mode by changing the flow of the refrigerant. The solder connection at the pilot tube and valve allows for increased reliability and low leakage probability.



SOLENOID VALVE

Solenoid valves are provided to control the refrigerant flow during the use of combination heating and cooling providing an efficient system control and energy efficient heat pump system.



- Water tank capacity 300L.

HPWA heat pump were designed and manufactured to provide either heating and cooling water tank, you can enjoy the comfort of heating & cooling running water from every water source in your home. Designed for optimum performance, high efficiency, reliability and easy installation.

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 test and has stable performance.

- **Sufficient Magnesium Anode Rod**
protect water tank improve anti-corrosion ability.
- **Enameled Inner Tank**
Enjoy Surging healthy Water

Enameled tanks have the advantages of corrosion resistance and high temperature resistance, which solve the industry pain points such as short service life and unstable performance of air source heat pump water heaters and are suitable for various water qualities.

- **Micro-channel**
The overall heating speed is increased by 10%. 8% energy saving than ordinary heat pump water heater.

MICROCONTROLLER PANEL DISPLAY

Easy to use control display for selecting the different modes and set points of the heat pump water heater/cooler. We can control the set point of Water Heating or Cooling using this board. This board is equipped with touch sensor. Using, this touch sensor, we can turn ON/OFF and Increase/Decrease the set point.



- Easy to install and maintain.

PHYSICAL DATA

Description	----	Coollex Heat Pump Water Tank Heating And Cooling		
Unit Model	----	HPWA-00127DDC	HPWA-00127DDH	HPWA-00127DDD
Unit Type	----	Cooling	Heating	Cooling & Heating
Nominal Cooling Capacity	TR / (W)	1 / (3300)		
Nominal Heating Capacity	TR / (W)	1 / (3300)		
Tank Capacity	Liters	300		
Electric Element Rated Power	W	2500		
Heat Pump Rated Input Power	W	827		
Max Input Power	W	4000		
COP	----	4.05		
Power Source	V / Ph / Hz	240 / 1 / 50		
Cooling Water Temp (Min. / Max.)	°C	20 / 30	-	20 / 30
Heating Water Temp (Min. / Max.)	°C	-	35 / 60	35 / 60
Refrigerant	Type	R134A		
Inlet/Outlet Connection (Dia.)	inc	G3/4		
Net Weight	Kg	135		235
Unit Dimensions (φxH)	mm	650x1950		650x1460 650x1950

NOTE:

COOLEX reserves the rights to update/change in part or as a whole the specifications of the product for the purpose of product improvement and enhancement. Therefore the above information is subject to changes without prior notice.





COOLEX
COMFORT BEYOND EXPECTATIONS

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