



BENEFIT ALL HUMAN BEINGS WITH NEW ENERGY TECHNOLOGY

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# HEAT PUMP COLLECTION

Specialized in New Energy Since 2004



## About Power World

Specialized in heat pump industry for 20 years, Power World Machinery Equipment Co.,ltd, one of the leading global heat pump manufacturers, has been focusing on high technology development, manufacturing, installation, one-stop services, and providing clean energy solutions for customers all over the world, which brings you clean & cozy life style.

### Multi-function Heat Pump (R290)



Cleanlife Plus

Cleanlife

### Multi-function Heat Pump (R32)



Easylife

Easylife Plus

ECO Home Split

### Hot Water Heat Pump



Residential

Commercial

80°C High-Temp

All-in-one

### Pool & Spa Heat Pump



Mini

Residential

Commercial

## Multi-function Heat Pump (R290)

Full DC Inverter

### Eco-friendly, Low-GWP Refrigerant

R290, the new refrigerant with GWP lower than 20, is widely recognized by the industry as one of the most Eco-friendly refrigerant and has become increasingly competitive in the market, especially in Europe.



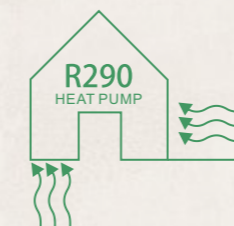
Cleanlife

NEW MODEL

## Cleanlife Plus

Capable than you ever imagine

- ✓ Heating, cooling & hot water in 1 system
- ✓ Optimized electric control
- ✓ Sterilizing for health
- ✓ Compatible with boiler

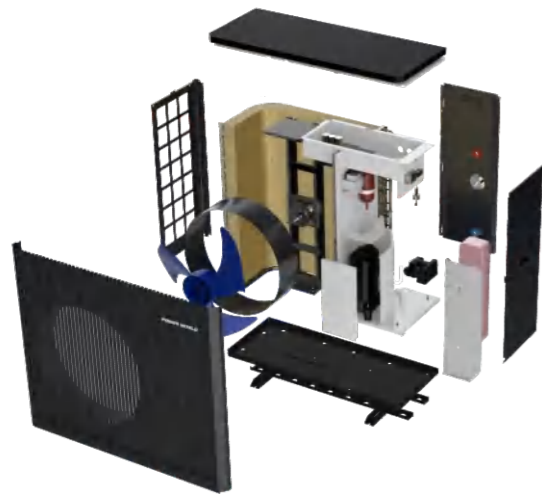


## Multi-function Heat Pump (R290)

EVI DC Inverter (Panasonic Compressor)



Cleanlife (Panasonic Compressor)

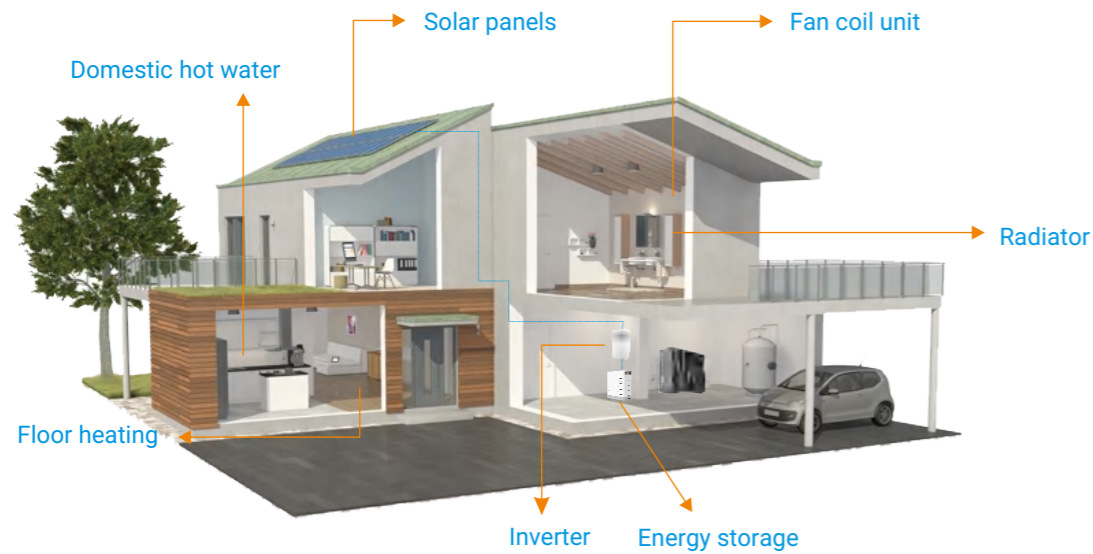


### Pro inside ! Better Performance

- ✓ Slight vibration with ultra low noise
- ✓ Stable performance under cold weather
- ✓ 10-30% capacity increase
- ✓ Intelligent defrosting

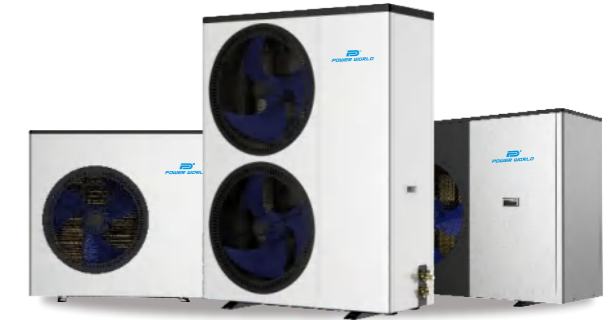
### Smart ! Save energy intelligently

With SG-ready, Cleanlife HP can automatically switch states based on the power storage of PV equipment and the peak & valley power status of the grid, automatically select heating time or use PV to save energy.



## Multi-function Heat Pump (R32)

EVI DC Inverter



Easylife

### Functional & Stable at Ultra-Low Temp

With the advanced technology of EVI DC inverter, Easylife is one of the powerful series, which ensures stable heat supply even at -30°C, coming in 2 types: with or without built-in water pump.



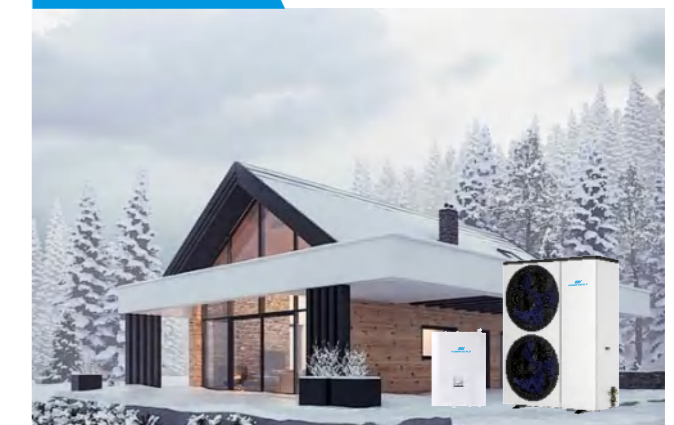
- ✓ Intelligent defrosting
- ✓ SCOP up to 4.72
- ✓ 4 modes: vacation, smart, powerful, silent
- ✓ Low noise

### Easylife Plus



More powerful for both big villas and commercial buildings.

### Eco-Home



Split EVI DC inverter for space heating, applicable for both small or large spaces.

## Hot Water Heat Pump

### Residential For Villa / Large Unit

- > Easy to install
- > High heat-efficient tube
- > Heating & cooling functions
- > Automatic defrosting



### All-in-one Water For Apartment / Small Unit

- > 3-4 times efficiency than conventional type
- > Air de-humidification
- > Circulating cooling
- > Economical for family



### Commercial For Club, Hotel, Tourism

- > Environmental-friendly refrigerant R410A
- > 24-hour stable supply
- > Functional from -7°C to 43°C
- > Outlet water 60°C max

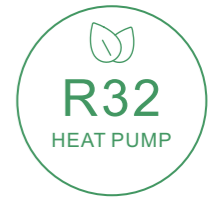


### 80°C High-Temperature For institute, Plant

- > Copeland Scroll compressor with EVI for high-temp water outlet
- > Higher heat transfer efficiency and maintenance
- > Electronic expansion valve for excellent efficiency
- > Accurate control of refrigerant flow ensures excellent efficiency at different temperature



## Swimming Pool Heat Pump



### Mini

For pool / spa < 25m<sup>3</sup>



#### On-Off Mini

- > Fast heating
- > Easy to control



#### Inverter Mini

- > Lower energy consumption
- > Higher efficiency

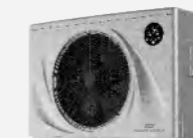
### Residential

For pool / spa < 100m<sup>3</sup>



#### Inverter Quiet

- > Low noise as bedroom level
- > COP 15.0, more efficient



#### Inverter Quiet Pro

- > Anti-corrosion external case
- > Severe weather resistance



#### Inverter Smart

- > Intelligent control board for energy saving, cost effective, and temperature control.



#### Inverter Ultra

- > Functional at -15°C
- > Advanced airstream design

### Commercial

For pool < 500m<sup>3</sup>



#### Commercial

- > 6 times heat absorb
- > Disinfection & PH adjustment system
- > Sand cylinder filter Hair collector