

# **Features:**

- R290 refrigerant, low GWP(GWP=3)
- Energy class: A+++
- Heating+Cooling+DHW
- Full DC inverter compressor and fan motor
- Stable running at -25 °C
- WIFI smart control
- ♂ Outlet water temperature up to 75 °C

























## **Heating & Cooling & DHW**



### **Main Components**



1.DC inverter compressor -25 ℃ stable working



2.High efficiency plate heat exchanger

Higher efficiency special design with patent



3.DC inverter fan

Variable speed with lower noise, higher efficiency with long lifespan



4.Inverter driver Reliable and intelligent



5.Pressure sensor

High-precision sensing in -60  $^{\circ}\mathrm{C}$  to 150  $^{\circ}\mathrm{C}$  operating temperature range



6.Blue-fin evaporator

Enlarged size with unique hydrophilic coating,quickly remove moisture after defrosting, greatly improve heating efficiency



7. Super low noise fan

Borderless axial fan with high heat dissipation material lower resistance lower vibration lower noise



8.Water pump

Stable and durable



9. Four way valve

Rapid defrosting



10.Water flow switch

Intelligent for heat pump protection



#### 11.Expansion tank

The expansion tank plays the role of buffering pressure fluctuations and part of the water supply in the water system



#### 12.Pressure relief valve

Control the pressure of the water system not to exceed the specified design value, which plays an important role in protecting personal safety and equipment operation

#### **Xeight Solar Energy Solutions GmbH**

