

Shell & Tube Heat Exchanger with

Distributor



Product Advantages

- By using a distributor for liquid separation, the refrigerant distribution in the tube side is ensured to be uniform, improving the design of the tube side and maximizing the use of heat exchange area, resulting in good heat transfer performance;
- In terms of process, the expansion joint has been changed to welding, which has high compressive strength and greatly improves the reliability of the product. The tube sheet and tube box are eliminated, and the distributor, collector and heat exchange tube are welded together, so that the multiple systems are completely independent and there is no risk of refrigerant leakage;
- Dirt-resistant, plugging-resistant, frost-resistant, short tail overhang, good vibration resistance, overcoming the problem of vibration and fracture of heat exchange tubes.

Product Configuration

- 3-15hp, 65-300kW;
- Standard heat pump type & Enhanced heating type;
- Suitable for R410A, R32 and other refrigerants.



Category	Specification	Application
I	12kW~45kW	Dual supply (Southern heating household water machine)
II	65kW, 130kW	Room temperature modular machine (heat pump type)
III	65-300kW	Low temperature module machine (heat pump type or enhanced heating type)

Application Scenarios

- Space heating, household air conditioning, commercial air conditioning, Hot water etc.

