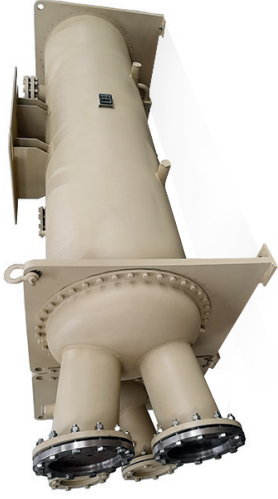


Falling Film Evaporator



Product Advantages

- Featured with thin film flow heat exchange, falling film heat exchanger has 20% higher performance than flooded type, and the liquid level fluctuation caused by the change of working conditions has less impact on the performance, and the influence of the liquid level on the evaporation pressure is greatly reduced;
- Adopting a two-layer drip type two-phase distributor, the refrigerant is evenly distributed; The refrigerant charging amount is much less than flooded type, which reduces the unit cost and minimize the negative impact of freon on the environment;
- Reduce the compressor liquid strike risk, improve system oil return efficiency, and enhance system reliability.

Product Configuration

- Capacity range: 30-3000ton;
- Minimum heat exchange temperature approach: 0.5°C;
- Heat exchange tube material: copper, copper-nickel, stainless steel, titanium, etc;
- Suitable for R22, R134a, R515B, R245fa, R1234zee, R1233zde and other refrigerants.

Application Scenarios

- Commercial Air Conditioning, High Temperature Heat Pumps, Railway Transportation, Data Centers, ORC, industrial applications, etc.

Dry Evaporator



Product Advantages

- Patent distributor design improves the even two-phase refrigerant distribution;
- Based on client's requirements, pure counterflow or U-shaped tube design can be adopted to realize the optimal design solution;
- Hydrogen detection is used to reduce leakage rate and improve reliability.

Product Configuration

- Capacity range: 30-3000kW;
- Minimum heat exchange temperature approach: 2.5°C;
- Heat exchange tube material: copper, copper-nickel, stainless steel, titanium, etc;
- Suitable for R134a, R410A, R245fa, R1233zde and other refrigerants.

Application Scenarios

- Mainly used in air-cooled heat pumps, refrigeration & air conditioning, ships, industries, etc.