

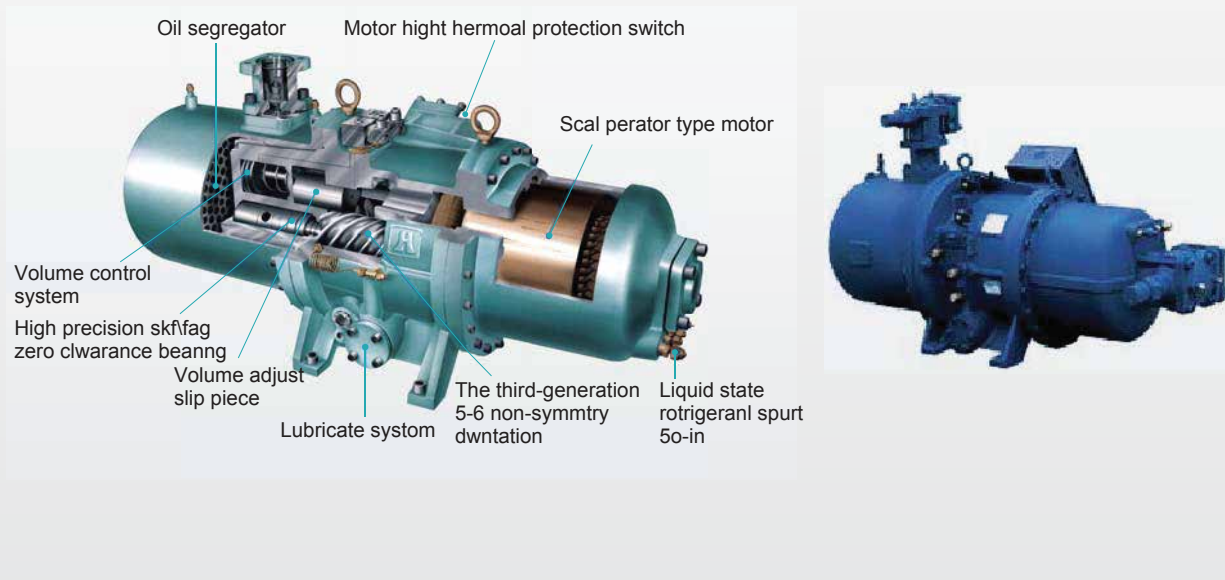
Features

High Efficiency Compressor

Twin-Screw Compressor

- High Efficiency Twin-Screw Compressor

- High efficiency: The compressor adopt 5:6 non-symmetry bear design, large volume, high efficiency.
- The units adopt multi-stage adjustment, each unit can realize 25%-50%-75%-100% volume control, suit for various condition, high part load EER value.
- Motor adopts Y- Δ start method, low start current, low impact to the power network.
- High precise manufacturing process, avoid any leakage, increase the compressor efficiency.
- The inner refrigerant suction system is cooled by the refrigerant, avoid any capacity loss.
- The suction side adopt temp. insulation material, avoid any condensing and energy loss.



W-shape Condenser

Condenser adopts the copper tube & hydrophilic aluminum fin coil type structure, the appearance is W type, this design increases the heat exchange area, reduces the temp. differences, thus increases the heat exchange efficiency by 20%.



EEV Design

R134a Air Cooled Screw Chiller takes 3810 steps EEV to control the refrigerant flow

The refrigerant flow is precise according to the need, increase the EER also keep the products more stable.

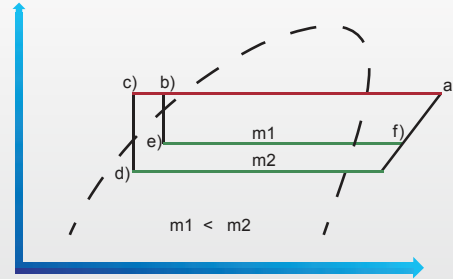
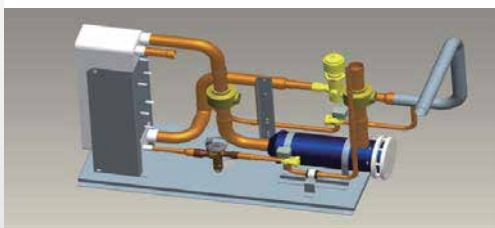


High Efficiency

R134a Water-cooled Screw Chiller

Economizer Sub-Cooling Design

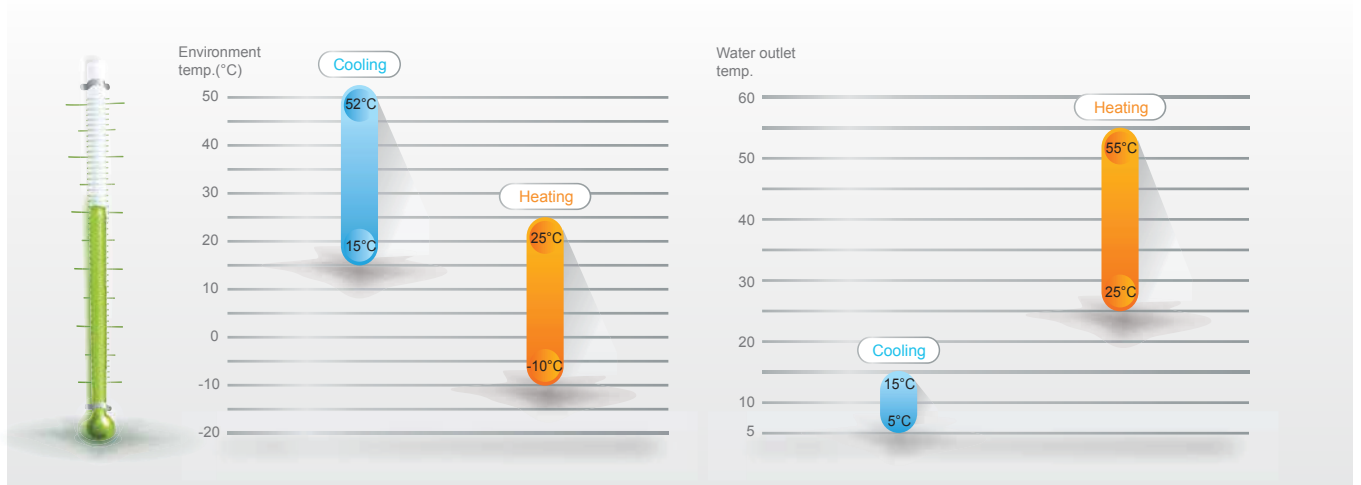
R134a Air Cooled Screw Chiller uses a high efficiency plate heat exchanger as economizer, while subcooling the refrigerant for another 18°C on the high pressure side, increasing the capacity, so the EER increase 3-5%.



Reliability

Wide Running Application

Products can run under 52 high degree in cooling , even in the hot summer , in the roof, products can still run stably.



Convenience

Password Design

The controller can set password , so only the administrator can operate the chiller.



Functional Touch Screen

7 inch colorful touch screen.

Status: Water temperature,
pressure/current/pump/running curve/history curve

Timer: Weekly timer

Error : Error history check

User: Local control/BMS control

