



Specification (规格): 8HP×1
 Shell material (外壳): carbon steel (碳钢)
 Tube material (管): copper (铜)
 Water connection (水接头): pipe thread (螺纹式)
 Refrigerant (制冷剂): R407C / R22
 Evaporator temp (蒸发温度): 2'c
 Condenser temp (冷凝温度): 40'c
 Sub cool (过冷): 5 k
 Super heat (过热): 5 k
 Water inlet (进水温度): 30'c
 Water outlet (出水温度): 35'c
 Fouling factor (污垢系数): 0.000044 m²k/w

Technical Characteristics

Item	Shell Side	Tube Side
Operating Pressure (MPa)	2.2	0.6
Design Pressure (MPa)	2.4	0.6
Test Pressure (MPa)	2.76	0.75
Working Temperature (°C)	60	40
Design Temperature (°C)	80	60
Working Medium	R407C / R22	H ₂ O
Heat Transfer Area (m ²)	1.3	
Heat Transfer Area (m ²)	20,Q345R,T2	
Corrosion allowance (mm)	1	
Pressure Vessel Class	/	
Design Life (Years)	20	

Symbol	Nominal Diameter	Connections	Usage
a	φ22	Brazing	Refrigerant Inlet
b	φ19	Brazing	Refrigerant Outlet
c	Rc1-1/4	Screw	Water Inlet
d	Rc1-1/4	Screw	Water Outlet
e	NPT3/8	Screw	Safety valve seat
f	Rc1/4	Screw	Gas Outlet
g	Rc1/8	Screw	Gas Outlet

Shell & Tube Condenser



JDC28A6