

Specification (规格): 7HP

Shell material (外壳): carbon steel (碳钢)

Tube material (管): copper (铜)

Water connection (水接头): Screw (螺纹)

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): 12'c

Water outlet (出水温度): 7'c

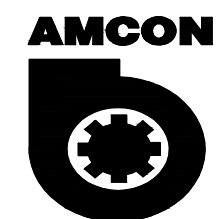
Fouling factor (污垢系数): 0.000044 m2k/w

Technical Characteristics

Item	Shell Side	Tube Side
Operating Pressure (MPa)	1.0	1.4
Design Pressure (MPa)	1.0	1.4
Test Pressure (MPa)	1.25	1.61
Working Temperature (°C)	38	38
Design Temperature (°C)	38	38
Working Medium	H ₂ O	R407C / R22
Heat Transfer Area (m ²)	1.82	
Heat Transfer Area (m ²)	Q235-B, T2	
Corrosion allowance (mm)	1	
Pressure Vessel Class	/	
Design Life (Years)	20	

Symbol	Nominal Diameter	Connections	Usage
a	φ22	Brazing	Refrigerant Inlet
b	φ28	Brazing	Refrigerant Outlet
c	G1-1/4"	Screw	Water Inlet
d	G1-1/4"	Screw	Water Outlet
e	Rc1/2	Screw	Gas Outlet
f	Rc3/8	Screw	Gas Outlet
n	Rc3/8(φ14×2)	Screw	Temperature test

Shell & Tube Dry Type Evaporator



JDEV21A6