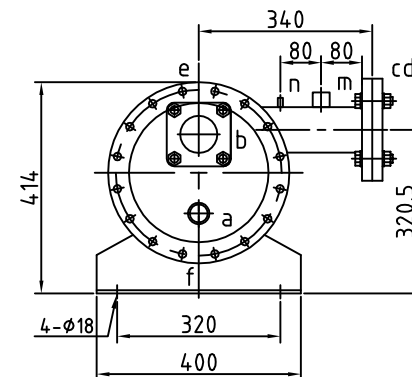
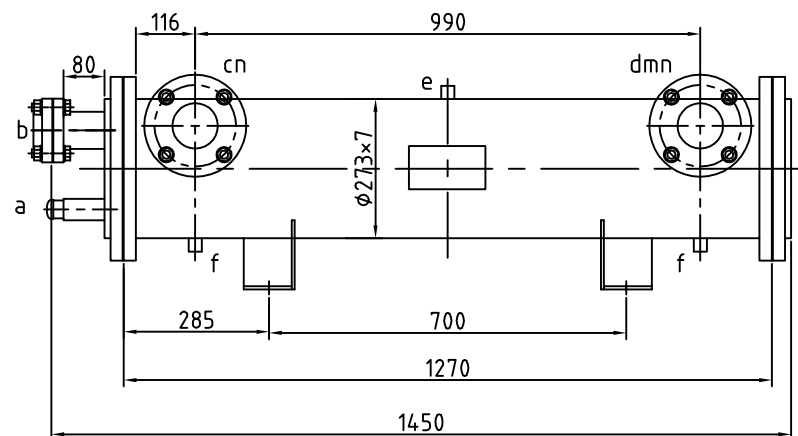




Specification (规格): 40RT

Shell material (外壳): carbon steel (碳钢)

Tube material (管): copper (铜)

Water connection (水接头): flanged (法兰式)

Refrigerant (制冷剂): R22

Evaporator temp (蒸发温度): 2 c

Condenser temp (冷凝温度): 40c

Sub cool (过冷): 5 k

Super heat (过热): 5 k

Water inlet (进水温度): 12

Water outlet (出水温度): 7

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	2.4
Test Pressure (MPa)	1.25	2.76
Working Temperature (℃)	38	38
Design Temperature (℃)	38	38
Working Medium	H ₂ O	R22/R410a
Heat Transfer Area (m2)	10.8	
Heat Transfer Area (m2)	Q235-B, T2	
Corrosion allowance (mm)	1	
Pressure Vessel Class	/	
Design Life (Years)	20	

Symbol	Nominal Diameter	Connections	Usage
a	φ35	Brazing	Refrigerant Inlet
b	φ54	RF	Refrigerant Outlet
c	DN65	RF	Water Inlet
d	DN65	RF	Water Outlet
e	Rc1/2	Screw	Gas Outlet
f	Rc3/8	Screw	Gas Outlet
m	Rc1	Screw	Water Flow Meter Seat
n	Rc3/8(φ14×2)	Screw	Temperature test

						Plans			Dry Type Evaporator
标记	处数	分区	更改文件号	签名	年月日				
设计			标准化			阶段标记	重量	比例	
校核									
审核									
工艺			批准			共 张 第 张			JDEV14 1A10(40RT)