

D #1023 Water Vapor

Application: WATER VAPOR

The customer requires a heat exchanger to condense water vapor. The maximum power used to generate steam will be 500 watts using an immersion heater. The steam will be generated under a vacuum at 45C and pressure at approximately 1.39 psia (absolute pressure). Tap water will be used for cooling at 15C with a pressure up to 100 psig (gauge pressure).

Solution

- Shell & Tube Heat Exchanger, 10 series
- All components 316L Stainless Steel

Features & Benefits

- Compact design
- Shell Diameter: .5"
- Tube Length: 12"
- Heat Transfer Area 24.37 in²

