

Kinema Inc. Shell and Tube Heat Exchanger- 10 x 96

Mfg: Kinema

Model: BEM

Stock No. SNCC151.5a

Serial No. 37

Kinema Inc. Shell and Tube Heat Exchanger- 10 x 96. Model: BEM. S/N: 37. Heat transfer surface area: 113 sq. ft. Heat exchanged: 404,436/275,309 Btuh. (72) 3/4 in. dia. x 96 in. L tubes. Shell and tube construction: 304 stainless steel. Shell side fluid circulated: steam, CO2, air. Shell side total fluid entering: 590/591 pph. Shell side fluid entering (steam): 390.5/293 pph. Shell side fluid entering (non-condensables): 199.5/298 pph. Shell side entering temperature: 250 °F. Shell side leaving temperature: 110 °F. MAWP shell side: 150 psi at 300 °F. Tube side circulated: water. Tube side flowrate: 80 gpm. Tube side entering temperature: 95 °F. Tube side leaving temperature: 105/102 °F. Tube side operating pressure: 35 psig. Number of passes: 4. Tube side MAWP: 75 psi at 150 °F. Inlets: (1) 2 in. dia. port, (1) 3 in. dia. media port. Outlets: (1) 1 in. dia. drain, (1) 1-1/2 in. media discharge, (1) 2 in. dia. port. Overall dimensions: 10 ft. 1 in. L x 16 in. W x 25 in. H.



