

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

Mfg: Kinema Inc.

Model: BEM

Stock No. SNCC151B.

Serial No. 36

Kinema Inc. Shell and Tube Heat Exchanger- 10 x 96. Model: BEM. S/N: 36. Heat transfer surface area: 113 sq. ft. Heat exchanged: 575,652/578,606 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: 714.5/840 pph. Shell side fluid entering (steam): 515/542 pph. Shell side fluid entering (non-condensables): 199.5/298 pph. Shell side entering temperature: 250 °F. Shell side leaving temperature: 125 °F. Shell side operating pressure: atmosphere. MAWP shell side 150 psi at 300 °F. Tube side circulated: water. Tube side flowrate: 80 gpm. Tube side entering temperature: 105/102 °F. Tube side leaving temperature: 120/116.6 °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 30 in. W x 37-1/2 in. H.



