

2004 Allegheny Bradford Corp. Shell & Tube Exchanger

Mfg: Allegheny Bradford Corp.

Model: HE072300

Stock No. DLEC024.7a

Serial No. 15073

2004 Allegheny Bradford Corp. Shell & Tube Exchanger. Model: HE072300. S/N: 15073. Equipment No. HE-9803C. Material of construction: shell and tube side are of 316L stainless steel. 4 pass unit, number of tubes: 4. Tube dimensions: 3/4 in. dia. x 50 in. L. Heat transfer surface area: approx. 3 sq. ft. Heat duty: 28,942 Btu/hr. Tube side velocity: 1.1 ft./sec. Capacity: 0.38 gallons. MAWP: 150 psi @ 300°F. MDMT: -20°F at 150 psi. Inlets: (1) 1 in. dia. flanged port (product), (1) 1 in. dia. flanged port (media). Outlets: (1) 1 in. dia. flanged port (product), (1) 1 in. dia. FNPT (steam). Features include: contact surfaces polished to Ra values less than 10 micro inches for ultra-pure applications, free-draining design that eliminates product hold-up and unique, double tube sheet construction to prevent cross contamination of process and utility fluids. This unit was originally installed with Eli Lilly and used to cool 500 lbs./hr. of aqueous waste from 158°F to 100°F using 2,887 lbs./hr. of chilled water at 45°F. Approximate dry weight: 173 lbs. Overall dimensions: 4 ft. 9 in. L x 8 in. W x 2 ft. 3 in. H.

