

## 1996 Refrigeration Valves and Systems Corp. Shell and Tube Heat Exchanger

Mfg: Refrigeration Valves and Systems Corp.

Model: Precision

Stock No. HDCS244.9

Serial No. 96407 and 96408

1996 Refrigeration Valves and Systems Corp. Shell and Tube Heat Exchanger. Model: Precision. S/N's: 96407 and 96408. Nat'l Bd: 9028 and 9029. Capacity: 960,000 btu/hr = 80 tons of refrigeration. Tube material: SA214-ERW. Number of passes: 4. Number of tubes: 180. Tube dimensions: 3/4 in. dia. x 15 ft. L. Heat transfer surface area: approx. 530 sq. ft. Tube volume: 60 gal. Shell side MAWP: 250 psi @ 200 °F. Shell side MDMT: 250 psi @ -20 °F. Tube side MAWP: 100 psi @ 200 °F. Tube side MDMT: 250 psi @ -20 °F. Surge Tank- 85 Gallon, inside straight-wall dimensions: 1 ft. 2 in. dia. x 11 ft. L. Inlets: (2) 1-1/4 in. dia. liquid refrigerant feed ports, (1) 4 in. dia. flanged liquid port. Outlets: (1) 3/4 in. dia. liquid drain port, (1) 3 in. dia. refrigerant suction port, (1) 4 in. dia. flanged liquid port. Overall dimensions: 16 ft. 4 in. L x 5 ft. W x 8 ft. 4 in. H.



