

## Precision Heat Exchanger Co. Shell and Tube Chiller with Surge Drum

Mfg: Precision Heat Exchanger Co.

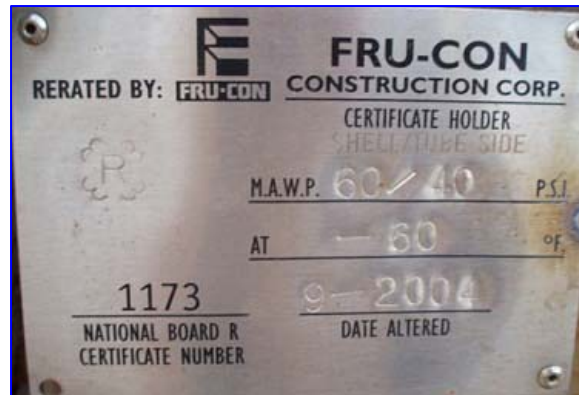
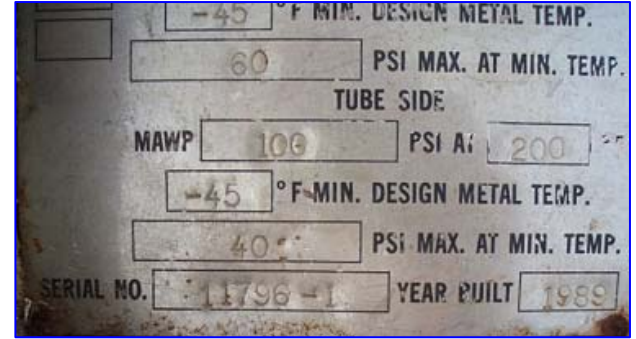
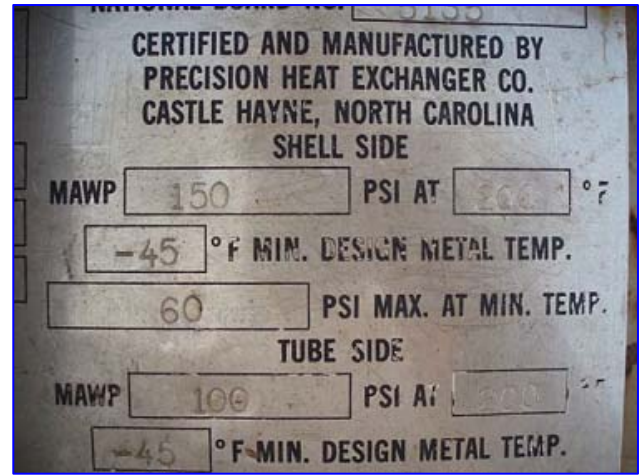
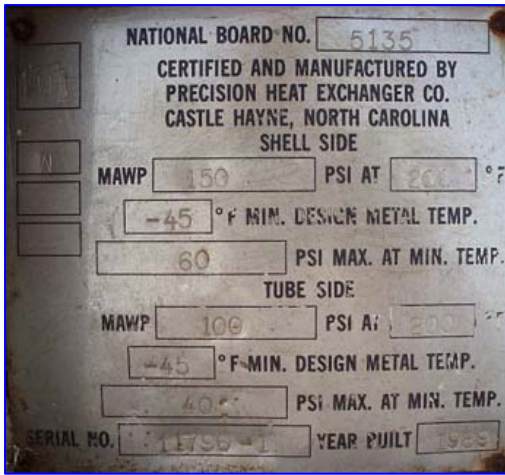
Model:

Stock No.: DTTC2059.

Serial No.: 11796-1

Precision Heat Exchanger Co. Shell and Tube Chiller with Surge Drum. S/N: 11796-1. Nat'l Bd: 5135. Tube material: SA214. Number of tubes: 636. Tube dimensions: 1-1/4 in. dia. x 20 ft. L. Heat transfer surface area: approx. 4,162 sq. ft. Tube volume: 518 gal. MAWP shell side: 150 psi @ 200 °F. MDMT shell side: -45 °F @ 60 psi. MAWP tube side: 100 psi @ 200 °F. MDMT tube side: -45°F @ 40 psi. Re-rated by Fru-Con Construction Corp., Nat'l Bd: 1173, Date altered: 9/2004, MAWP shell side: 60/40 psi @ -60°F. Surge Drum. Inlets: (1) 8 in. dia. flanged fitting, (2) 8 in. dia. ports, (1) 1-1/2 in. dia. port. Outlets: (1) 8 in. dia. flanged fitting, (2) 1-1/2 in. dia. ports. Overall dimensions: 23 ft. 11-1/2 in. L x 4 ft. 7 in. W x 8 ft. H.





Note: the following pictures show the exact unit prior to removal.







PERMANENT WORKING COPY, 701 700-00 SEP 27 100 151

PRIMAVER MANUFACTURING DATA SHEET FOR REPAIR LOGSHEET  
 As Required by Regulation of the United States Coast Guard, Chapter 1

1. MANUFACTURER'S PART NUMBER: 122121031200 UNITS, CASTLE HAYNE, NC 27527  
 2. OPERATIONAL DATA: 150 PSI AT 200 °F  
 3. DESIGN DATA: SHELL SIDE 150 PSI AT 200 °F, TUBE SIDE 150 PSI AT 200 °F  
 4. MATERIALS: SHELL SIDE 150 PSI AT 200 °F, TUBE SIDE 150 PSI AT 200 °F  
 5. YEAR BUILT: 1966

6. MANUFACTURER'S PART NUMBER: 122121031200 UNITS, CASTLE HAYNE, NC 27527  
 7. OPERATIONAL DATA: 150 PSI AT 200 °F  
 8. DESIGN DATA: SHELL SIDE 150 PSI AT 200 °F, TUBE SIDE 150 PSI AT 200 °F  
 9. MATERIALS: SHELL SIDE 150 PSI AT 200 °F, TUBE SIDE 150 PSI AT 200 °F  
 10. YEAR BUILT: 1966

11. MANUFACTURER'S PART NUMBER: 122121031200 UNITS, CASTLE HAYNE, NC 27527  
 12. OPERATIONAL DATA: 150 PSI AT 200 °F  
 13. DESIGN DATA: SHELL SIDE 150 PSI AT 200 °F, TUBE SIDE 150 PSI AT 200 °F  
 14. MATERIALS: SHELL SIDE 150 PSI AT 200 °F, TUBE SIDE 150 PSI AT 200 °F  
 15. YEAR BUILT: 1966

16. MANUFACTURER'S PART NUMBER: 122121031200 UNITS, CASTLE HAYNE, NC 27527  
 17. OPERATIONAL DATA: 150 PSI AT 200 °F  
 18. DESIGN DATA: SHELL SIDE 150 PSI AT 200 °F, TUBE SIDE 150 PSI AT 200 °F  
 19. MATERIALS: SHELL SIDE 150 PSI AT 200 °F, TUBE SIDE 150 PSI AT 200 °F  
 20. YEAR BUILT: 1966

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