



### BOILER CONNECTIONS

### RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) STEAM OUTLET 10" 300# FLANGE  
B.(4) LWCO 1" NPT  
C.(5) SAFETY VALVE 2" NPT  
D.( ) SAFETY VALVE  
E.(2) BOILER BLOWDOWN 2" NPT  
F.(1) SURFACE BLOWDOWN 1" NPT  
G.(1) MANWAY 12" x 16"  
H.(5) HANDHOLE 3" x 4"  
J.(1) CLEANOUT 17" ID  
K.(2) FEEDWATER 3" NPT  
L.(1) AUXILIARY/VENT 2" NPT  
M.(1) LOW FIRE HOLD 1" NPT  
N.(1) STACK TEMP 1/2" NPT  
P.(1) SIGHT PORT 1" NPT  
Q.( )  
R.( )  
S.( )

HORSEPOWER 1500\*  
DESIGN PRESSURE 150 PSIG STEAM  
GROSS OUTPUT 50213 MBH\*  
STEAM (FROM & AT 212°F) 51749 Lbs/Hr\*  
HEAT RELEASE: (FURNACE ONLY) 145790 BTU/CuFt\*  
RATED INPUT 62766 MBH\*  
HEATING SURFACE (ASME) 7533 SqFt  
FURNACE HEATING SURFACE 372.64 SqFt  
FURNACE VOLUME 430.52 CuFt  
TURNAROUND VOLUME 127.76 CuFt  
STEAMING VOLUME 381.47 CuFt  
STEAM RELEASE AREA 228.00 CuFt  
WATER CAPACITY:  
(FULL) 12,018 Gal @ 99,965 Lbs  
(NWL) 9,165 Gal @ 76,230 Lbs  
SHIPPING WEIGHT: 100,200 Lbs

### NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION I.
4. BOILER INSULATED WITH 2" - 6# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE  $\pm 1/2"$  UNLESS OTHERWISE NOTED.
- \*6. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

**SUPERIOR**  
BOILER

CHECKED BY

DRAWN BY

DATE

DATE

MOHICAN

BOILER MODEL

7-5-7500-S150

SCALE

1/86

DRAWING No

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