



# BOILER CONNECTIONS

# RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) STEAM OUTLET	12" 150# FLANGE
B.(4) LWCO	1" NPT
C.(4) SAFETY VALVE	3" NPT
D.(1) SAFETY VALVE	2 1/2" NPT
E.(2) BOILER BLOWDOWN	2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 18"
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(1) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHT PORT	1 1/4" NPT
Q.( )	
R.( )	
S.( )	

HORSEPOWER	750 HP
DESIGN PRESSURE	15 PSIG STEAM
GROSS OUTPUT	25106 MBH
STEAM (FROM & AT 212°F)	25875 LB/Hr
HEAT RELEASE (FURNACE ONLY)	148,427 BTU/CuFt
RATED INPUT	31383 MBH
HEATING SURFACE (ASME)	3754 SqFt
FURNACE HEATING SURFACE	208.32 SqFt
FURNACE VOLUME	211.44 CuFt
TURNAROUND VOLUME	69.57 CuFt
STEAMING VOLUME	133.82 CuFt
STEAM RELEASE AREA	127.42 SqFt
WATER CAPACITY:	
(FULL)	5,344 GAL @ 44,448 Lbs
(NWL)	4,343 GAL @ 36,122 Lbs
SHIPPING WEIGHT:	47,800 Lbs

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# NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- REAR DOOR SWING:
  - MIN SIDE, MAX REAR
  - MAX SIDE, MIN REAR
- BOILER DESIGN CODE ASME SECTION IV
- BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
- ALL DIMENSIONS ±1/2 UNLESS OTHERWISE NOTED.

**SUPERIOR**  
BOILER

CHECKED BY

DRAWN BY

?

DATE

DATE

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MOHICAN

BOILER MODEL

7-5-3750-S15

SCALE

1/70

DRAWING NO

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