



BOILER JUNCTION BOX

# BOILER CONNECTIONS

# RATINGS & CAPACITIES

LTR

DATE

REVISION

BY

REPRESENTATIVE

?

PROJECT:

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# NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. REAR DOOR SWING:
  - (1) MIN SIDE, MAX REAR
  - (2) MAX SIDE, MIN REAR
4. BOILER DESIGN CODE ASME SECTION I
5. BOILER INSULATED WITH 2" OF INSULATION WITH 22 GAUGE STEEL JACKET.
6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.

**SUPERIOR**  
**BOILER**

CHECKED BY

DATE

DRAWN BY

DATE

MOHICAN

BOILER MODEL

7-5-1250-S150

SCALE

1/50

DRAWING No

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THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER WORKS & SHALL NOT BE REPRODUCED IN PART OR IN WHOLE, & NONE OF ITS INFORMATION SHALL BE REVEALED WITHOUT PERMISSION OR TO THE DETRIMENT OF THE OWNER. IT MUST BE RETURNED UPON REQUEST.

A.(1) STEAM OUTLET	6" 300# FLANGE
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	2" NPT
D.( ) SAFETY VALVE	
E.(2) BOILER BLOWDOWN	1 1/4" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MAINWAY	12" x 16"
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT PORT	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	250
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	8369 MBH
STEAM (FROM & AT 212°F)	8625 Lbs/HR
HEAT RELEASE: (FURNACE ONLY)	136109 BTU/CuFt
RATED INPUT	10461 MBH
HEATING SURFACE (ASME)	1267 SqFt
FURNACE HEATING SURFACE	117.43 SqFt
FURNACE VOLUME	76.86 CuFt
TURNAROUND VOLUME	42.09 CuFt
STEAMING VOLUME	37.70 CuFt
STEAM RELEASE AREA	64.68 SqFt
WATER CAPACITY:	
(FULL)	2,200 Gal
(NWL)	1,918 Gal
SHIPPING WEIGHT:	23,500 Lbs