



BOILER JUNCTION BOX

BOILER CONNECTIONS

RATINGS & CAPACITIES

CONNECTIONS	RATINGS & CAPACITIES	LOG DATE	REVISION	BY	REPRESENTATIVE
A.(1) STEAM OUTLET 6" 300# FLANGE	HORSEPOWER 250				?
B.(4) LWCO 1" NPT	DESIGN PRESSURE 150 PSIG STEAM				
C.(2) SAFETY VALVE 2" NPT	GROSS OUTPUT 8369 MBH				
D.() SAFETY VALVE	STEAM (FROM & AT 212°F) 8625 Lbs/HR				
E.(2) BOILER BLOWDOWN 1 1/4" NPT	HEAT RELEASE (FURNACE ONLY) 136109 BTU/CuFt				
F.(1) SURFACE BLOWDOWN 1" NPT	RATED INPUT 10481 MBH				
G.(1) MANWAY 12" x 16"	HEATING SURFACE (ASME) 1267 SqFt				
H.(5) HANDHOLE 3" x 4"	FURNACE HEATING SURFACE 117.43 SqFt				
J.(1) CLEANOUT PORT 17" ID	FURNACE VOLUME 76.86 CuFt				
K.(2) FEEDWATER 2" NPT	TURNAROUND VOLUME 42.09 CuFt				
L.(1) AUXILIARY/VENT 2" NPT	STEAMING VOLUME 37.70 CuFt				
M.(1) LOW FIRE HOLD 1/2" NPT	STEAM RELEASE AREA 64.68 SqFt				
N.(1) STACK TEMP 1 1/2" NPT	WATER CAPACITY:				
P.(1) SIGHT PORT 1 1/4" NPT	(FULL) 2,200 Gal @ 18,300 Lbs				
Q.()	(NML) 1,818 Gal @ 15,954 Lbs				
R.()	SHIPPING WEIGHT: 23,500 Lbs				
S.()					

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 I
- BOILER INSULATED WITH 2" OF INSULATION WITH 22 GAUGE STEEL JACKET.
- ALL DIMENSIONS ARE $\pm 1/2"$ UNLESS OTHERWISE NOTED.

SUPERIOR
BOILER

CHECKED BY

DATE

BY

DATE

MOHICAN

BOILER MODEL

7-5-1250-S150

SCALE

DRAWING No

1/50

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