



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR DATE		REVISION: 1		BY		REPRESENTATIVE	
A.(1) STEAM OUTLET	3" NPT	HORSEPOWER	80								?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM								
C.(1) SAFETY VALVE	1 1/2" NPT	GROSS OUTPUT	2578 MBH								
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	2780 Lbs/Hr								
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE (FURNACE ONLY)	156314 BTU/GuFt								
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	3348 MBH								?
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	415 SqFt								
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	48.29 SqFt								
J.(1) CLEANOUT	17" ID	FURNACE VOLUME	21.42 CuFt								
K.(2) FEEDWATER	1 1/4" NPT	TURNAROUND VOLUME	18.44 CuFt								
L.(1) AUXILIARY/VENT	1 1/2" NPT	STEAMING VOLUME	16.30 CuFt								
M.(1) LOW FIRE HOLD	1/2" NPT	STEAM RELEASE AREA	34.76 SqFt								
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:									
P.(1) SIGHT PORT	1 1/4" NPT	(FULL)	1,030 Gal @ 8,565 Lbs								
Q.()		(NWL)	908 Gal @ 7,551 Lbs								
R.()		SHIPPING WEIGHT:	10,300 Lbs								
S.()											

NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- BOILER DESIGN CODE ASME SECTION I.
- BOILER INSULATED WITH 2" OF INSULATION WITH 22 GAUGE STEEL JACKET.
- ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.

MOHICAN

7-5-400-S150

CHECKED BY

DRAWN BY

BOILER MODEL

DRAWING No

DATE

DATE

SCALE

1/45

?

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.