



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR		DATE		REVISION		BY		REPRESENTATIVE	
A.(1) STEAM OUTLET	8" 300# FLANGE	HORSEPOWER	600*										?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM										
C.(3) SAFETY VALVE	2" NPT	GROSS OUTPUT	20085 MBH*										
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	20700 Lb/Hr*										
E.(2) BOILER BLOWDOWN	1 1/2" NPT	HEAT RELEASE: (FURNACE ONLY)	146311 BTU/CuFt *										
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	25106 MBH*										?
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	3022 SqFt										
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	205.85 SqFt										
J.(1) CLEANOUT	18" PIPE	FURNACE VOLUME	171.59 CuFt										
K.(2) FEEDWATER	2" NPT	TURNAROUND VOLUME	63.47 CuFt										
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	109.56 CuFt										
M.(1) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	117.41 SqFt										
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:											
P.(1) SIGHT PORT	1" NPT	(FULL) 4,810 Gal	40,004 Lbs										
Q.()		(NWL) 3,990 Gal	33,188 Lbs										
R.()		SHIPPING WEIGHT:	44,000 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" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
- ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

MOHICAN
 BOILER MODEL
7-5-3000-S150
 SCALE 1/70
 DRAWING No. ?

CHECKED BY

DRAWN BY

DATE

DATE

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