



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR		DATE		REVISION		BY		REPRESENTATIVE	
A.(1) STEAM OUTLET	12" 150# FLANGE	HORSEPOWER	400										?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	15 PSIG STEAM										
C.(2) SAFETY VALVE	3" NPT	GROSS OUTPUT	13390 MBH										
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	13800 Lbs/Hr										
E.(2) BOILER BLOWDOWN	2" NPT	HEAT RELEASE (FURNACE ONLY)	137,948 BTU/CuFt										
F.(2) SURFACE BLOWDOWN	1" NPT	RATED INPUT	16738 MBH										
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	2024										
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	134.85 SqFt										
J.(1) CLEANOUT PORT	17" ID	FURNACE VOLUME	121.33 CuFt										
K.(2) FEEDWATER	2" NPT	TURNAROUND VOLUME	56.92 CuFt										
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	70.27 CuFt										
M.(2) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	84.61 SqFt										
N.(2) STACK TEMP	1/2" NPT	WATER CAPACITY:											
P.(1) SIGHTPORT	1" PIPE	(FULL) 3,239 Gals	26,938 Lbs										
Q.()		(NWL) 2,713 Gals	22,565 Lbs										
R.()		SHIPPING WEIGHT:	30,900 Lbs										
S.()													

NOTES

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

MOHICAN
 BOILER MODEL
7-5-2000-S15

SCALE

1/64

CHECKED BY

DRAWN BY

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DATE

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