



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR DATE		REVISION		BY		REPRESENTATIVE:	
A.(1) STEAM OUTLET	6" 150# FLANGE	HORSEPOWER	80								?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	15 PSIG STEAM								
C.(1) SAFETY VALVE	2" NPT	GROSS OUTPUT	2678 MBH								
D.( ) SAFETY VALVE		STEAM (FROM & AT 212°F)	2760 Lbs/Hr								
E.(1) BOILER BLOWDOWN	1 1/2" NPT	HEAT RELEASE (FURNACE ONLY)	145137 BTU/CuFt								
F.(2) SURFACE BLOWDOWN	1" NPT	RATED INPUT	3348 MBH								
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	414 SqFt								
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	47.30 SqFt								
J.(1) CLEANOUT	1 1/2" ID	FURNACE VOLUME	23.06 CuFt								
K.(2) FEEDWATER	1 1/4" NPT	TURNAROUND VOLUME	18.64 CuFt								
L.(1) AUXILIARY/VENT	1 1/2" NPT	STEAMING VOLUME	17.43 CuFt								
M.(2) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	35.49 SqFt								
N.(2) STACK TEMP	1/2" NPT	WATER CAPACITY:									
P.(1) SIGHT PORT	1" NPT	(FULL) 1,025 Gal	8,523 Lbs								
Q.( )		(NWL) 894 Gal	7,436 Lbs								
R.( )		SHIPPING WEIGHT:	9,500 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" - 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**

CHECKED BY

DRAWN BY

DATE

SCALE

1/45

BOILER MODEL

7-5-400-S15

DRAWING No

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