



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR DATE		REVISION		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	2678 MBH							
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	2760 Lbs/Hr							
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE (FURNACE ONLY)	156314 BTU/CuFt							
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	3348 MBH							
G.(1) MANWAY	12" x 18"	HEATING SURFACE (ASME)	415 SqFt							
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	49.29 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.()		(NIM) 908 Gal	7,551 Lbs							
R.()		SHIPPING WEIGHT:	10,300 Lbs							
S.()										

NOTES		SUPERIOR BOILER		CHECKED BY	DATE
1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.					
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.					
3. BOILER DESIGN CODE ASME SECTION 1.					
4. BOILER INSULATED WITH 2" OF INSULATION WITH 22 GAUGE STEEL JACKET.					
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.					

MOHICAN		BOILER MODEL	
7-5-400-S150			
SCALE	DRAWING No		
1/45	?		

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