



BOILER JUNCTION BOX

BOILER CONNECTIONS		RATINGS & CAPACITIES	LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	8" 150# FLANGE	HORSEPOWER	250				?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	15 PSIG STEAM				
C.(1) SAFETY VALVE	2 1/2" NPT	GROSS OUTPUT	8369 MBH				
D.(1) SAFETY VALVE	3" NPT	STEAM (FROM & AT 212°F)	8625 Lbs./HR				
E.(2) BOILER BLOWDOWN	2" NPT	HEAT RELEASE: (FURNACE ONLY)	127,414 BTU/CuFt				
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	10461 MBH				
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	813 SqFt				
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	111.32 SqFt				
J.(1) CLEANOUT PORT	17" ID	FURNACE VOLUME	82.10 CuFt				
K.(2) FEEDWATER	2" NPT	TURNAROUND VOLUME	42.46 CuFt				
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	38.18 CuFt				
M.(1) LOW FIRE HOLD	1/2" NPT	STEAM RELEASE AREA	65.50 SqFt				
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:					
P.(1) SIGHT PORT	1 1/4" NPT	(FULL)	1388 Gal				
Q.()		(NWL)	1103 Gal				
R.()			9172 Lbs				
S.()		SHIPPING WEIGHT:	18,500 Lbs				

NOTES		SUPERIOR BOILER		CHECKED BY	DATE	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.
1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET. 2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET. 3. REAR DOOR SWING: (1) MIN SIDE, MAX REAR (2) MAX SIDE, MIN REAR 4. BOILER DESIGN CODE ASME SECTION IV 5. BOILER INSULATED WITH 2" OF INSULATION WITH 22 GAUGE STEEL JACKET. 6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.		MOHICAN		DRAWN BY	DATE	
		BOILER MODEL		?		
		7-5-1250-S15				
		SCALE	DRAWING No			
		1/54	?			