



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	6"-150# FLANGE	HORSEPOWER	80					X
B.(4) LWCO	1" NPT	DESIGN PRESSURE	15 PSIG STEAM					
C.(1) SAFETY VALVE	2 1/2" NPT	GROSS OUTPUT	2,678 MBH					
D.( ) SAFETY VALVE		STEAM (FROM & AT 212°F)	2,760 LB/HR					
E.(1) BOILER BLOWDOWN	1 1/2" NPT	HEAT RELEASE: (FURNACE ONLY)	146,700 BTU/CuFt					
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	3,348 MBH					
G.( ) MANWAY		HEATING SURFACE (ASME)	404 SqFt					
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	46.79 SqFt					
J.(1) CLEANOUT	17" ID	FURNACE VOLUME:						
K.(2) FEEDWATER	1 1/4" NPT	FURNACE ONLY	22.82 CuFt					
L.(1) AUXILIARY	1 1/2" NPT	STEAMING VOLUME	12.64 CuFt					
M.(1) LOW FIRE HOLD	1/2" NPT	STEAM RELEASE AREA	26.96 SqFt					
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:						
P.( )		(FULL)	825 Gal @ 6,861 Lbs					
Q.( )		(NWL)	730 Gal @ 6,074 Lbs					
R.( )		SHIPPING WEIGHT:	9,200 Lbs					
S.( )								

  

NOTES			
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.			

  

	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.
	DRAWN BY	DATE	
BOILER MODEL			
SCALE	DRAWING No		
1/40	X		