



BOILER CONNECTIONS		RATINGS & CAPACITIES		LN	DATE	REVISION	BY	REPRESENTATIVE
A.(1) STEAM OUTLET	3" NPT	HORSEPOWER	10 ⁰					X
B.(2) WIND	1" NPT	DESIGN PRESSURE	15 PSIG STEAM					
C.(1) SAFETY VALVE	3/4" NPT	GROSS OUTPUT	502 MBH ⁰					
D.(1) SAFETY VALVE		STEAM (FROM & AT 212 F)	217 LB/HR ⁰					
E.(4) BOTTOM BLOWDOWN	2" NPT	HEAT RELEASE (FURNACE ONLY)	171,463 BTU/HR ⁰					
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	828 MBH					X
G.(1) MANWAY		HEATING SURFACE (ASME)	79 SqFt					
H.(2) HANDHOLE	3" X 4"	FURNACE HEATING SURFACE	7.38 SqFt					
I.(1) SIGHTGLASS	1" PIPE	FURNACE VOLUME:						
J.(1) FEEDWATER	3" NPT	FURNACE ONLY	3.66 CuFt					
K.(1) AUXILIARY/VENT	1" NPT	TURN-AROUND ONLY	8.27 CuFt					
L.(1) LOW FIRE HOLD		STEAMING VOLUME	4.86 CuFt					
M.(1) STACK TEMP	1/2" NPT	STEAM RELEASE AREA	7.71 SqFt					
P.(1)		WATER CAPACITY:						
Q.(1)		(FULL) 150 Gal	• 1,231 Lbs					
R.(1)		(FULL) 112 Gal	• 835 Lbs					
S.(1)		SHOPPING WEIGHT:	2,900 Lbs					
				NOTES		SUPERIOR BOILER		
				1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.		CHECKED BY		DATE
				2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.		X		
				3. BOILER DESIGN CODE ASME SECTION IV.				
				4. BOILER INSULATED WITH 2" - 5# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.		OSAGE BOILER MODEL		THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER & 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.
				5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.		3-X-75-W30-M		
				6. HORSE POWER & RELATED INFO BASED ON 5 SqFt FIRING.		SCALE		
						1/24		
						DRAWING No		
						X		