



BOILER CONNECTIONS		RATINGS & CAPACITIES		LN	DATE	REVISION	BY	REPRESENTATIVE
A.(1) STEAM OUTLET	8" 180# FLANGE	HORSEPOWER	185*					X
B.(4) LWC	1" NPT	DESIGN PRESSURE	15 P.S.I.G. STEAM					X
C.(2) SAFETY VALVE	2 1/2" NPT	GROSS OUTPUT	5,924 MBH*					
D.(1) SAFETY VALVE	1" NPT	STEAM (FROM & AT 212°F)	5,693 LB/HR*					
E.(4) BOILER BLOWDOWN	2 1/2" NPT	HEAT RELEASE (FURNACE ONLY)	104,345 BTU/LB CU FT					
F.(1) SURFACE BLOWDOWN		RATED INPUT	5,804 MBH*					X
G.(1) MANWAY		HEATING SURFACE (ASME)	867 SQ. FT.					
H.(5) HANDHOLE	3" x 5"	FURNACE HEATING SURFACE	1,621 SQ. FT.					
J.(1) CLEANOUT PORT	17" D	FURNACE VOLUME:						
K.(1) FEEDWATER	8" 180# FLANGE	FURNACE ONLY	66.17 CU. FT.					
L.(1) AUXILIARY	1 1/2" NPT	STEAMING VOLUME	32.14 CU. FT.					
M.(1) LOW FIRE HOLD		STEAM RELEASE AREA	10.99 SQ. FT.					
N.(1) STACK TEMP	1/2" NPT							
P.(1) SIGHTPORT	1" PIPE	WATER CAPACITY:						
Q.(1)		(FULL)	1,283 GAL. @ 10.674 LBS					
R.(1)		(FULL)	1,008 GAL. @ 8.384 LBS					
S.(1)		SHIPPING WEIGHT:	22,000 LBS					

**NOTES**

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRECEDENCE OVER R & D SHEET.
- BOILER DESIGN CODE ASME SECTION IV.
- BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
- ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- \*6. HORSEPOWER & RELATED INFO BASED ON 5 SFT FRING.

CHECKED BY: X

DATE:

**OSAGE**

3-X-897-S15-

1/42

BOILER MODEL

DRAWING No. X

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