



BOILER CONNECTIONS		RATINGS & CAPACITIES		L/R DATE		REVISION		BY		REPRESENTATIVE	
A.(1) STEAM OUTLET	4" NPT	HORSEPOWER	30*								X
B.(3) LWCO	1" NPT	DESIGN PRESSURE	30 PSIG WATER								
C.(1) SAFETY VALVE	2" NPT	GROSS OUTPUT	1,005 MHP*								
D.(1) SAFETY VALVE	2" NPT	STEAM (FROM & AT 212°F)	1035 LBS/HR								
E.(4) BOILER BLOWDOWN	2" NPT	HEAT RELEASE (FURNACE ONLY)	130,451 BTU/G.F.T.*								
F.(1) SURFACE BLOWDOWN	2" NPT	RATED INPUT	1,280 MHP*								X
G.(1) MAINWAY	2" NPT	HEATING SURFACE (ASME)	155 SqFt								
H.(3) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	15.03 SqFt								
J.(1) SIGHTPORT	1 1/4" PIPE	FURNACE VOLUME:									
K.(1) FEEDWATER	4" NPT	FURNACE ONLY	9.82 G.F.T								
L.(1) AUXILIARY	1" NPT	STEAMING VOLUME	1 G.F.T								
M.(1) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	1 SqFt								
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:									
P.(1)		(FULL)	253 Gal • 2,105 Lbs								
Q.(1)		(NWL)	1 Gal • 1 Lbs								
R.(1)		SHIPPING WEIGHT:	6,700 Lbs								
S.(1)											

  

NOTES		SUPERIOR BOILER		CHECKED BY		DATE	
1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.				?			
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.				DESIGN BY		DATE	
3. BOILER DESIGN CODE ASME SECTION IV.				?			
4. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.							
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.							
*6. HORSE POWER & RELATED INFO BASED ON 5 SqFt FIRING.							

  

OSAGE		BOILER MODEL	
		3-X-150-S15	
SCALE		DRAWING No.	
1/26		?	

  

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.	
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