



BOILER CONNECTIONS		RATINGS & CAPACITIES		L/R	DATE	REVISION	BY	REPRESENTATIVE
A.(1) STEAM OUTLET	6" 300# FLG	HORSEPOWER	350*					X
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSI STEAM					
C.(2) SAFETY VALVE	2" NPT	GROSS OUTPUT	11800 MBH*					
D.( ) SAFETY VALVE		STEAM (FROM & AT 212°F)	12,075 Lb/Hr*					
E.(2) BOILER BLOWDOWN	1 1/2" NPT	HEAT RELEASE (FURNACE ONLY)	148,950 Btu/CuFt*					
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	14,645 MBH*					
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	1108 SqFt					
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	137.58 SqFt					
J.(1) CLEANOUT	17" ID	FURNACE VOLUME:						
K.(2) FEEDWATER	2" NPT	FURNACE ONLY	99.66 CuFt					
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	43.20 CuFt					
M.(1) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	67.27 SqFt					
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:						
P.(1) SIGHTPORT	1" NPT	(FULL)	2,179 Gal @ 18,124 Lbs					
Q.(1) CHEMICAL FEED	1" NPT	(NWL)	1,856 Gal @ 15,437 Lbs					
R.( )		SHIPPING WEIGHT:	22,000 Lbs					

NOTES		SUPERIOR BOILER		CHECKED BY	DATE
1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.		<div>PRELIMINARY NOT FOR CONSTRUCTION</div>		DRAWN BY	DATE
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.				X	
3. BOILER DESIGN CODE ASME SECTION		WICHTA BOILER MODEL			
4. BOILER INSULATED WITH 2"-5 1/2" DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.		10-X-1050-S150-PFCF-GA2			
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.		SCALE		DRAWING No	
6. HORSEPOWER & RELATED INFO BASED ON 3 SqFt FIRING.		1/62		X	

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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