



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	2 1/2" NPT	HORSEPOWER	20					?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	15 PSIG STEAM					?
C.(1) SAFETY VALVE	2" NPT	GROSS OUTPUT	670 MBH					
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	690 Lbs/Hr					
E.(1) BOILER BLOWDOWN	1" NPT	HEAT RELEASE: (FURNACE ONLY)	81418 BTU/CuFt					PROJECT:
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	836 MBH					?
G.() HANDHOLE		HEATING SURFACE (ASME)	63 SqFt					
H.(6) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	14.11 SqFt					
J.(1) SIGHTPORT	1 1/4" PIPE	FURNACE VOLUME	5.14 CuFt					
K.(2) FEEDWATER	1" NPT	TURNAROUND VOLUME	3.36 CuFt					
L.(1) AUXILIARY	1" NPT	STEAMING VOLUME	6.45 CuFt					
M.() LOW FIRE HOLD		STEAM RELEASE AREA	11.08 SqFt					
N.(2) STACK TEMP	1/2" NPT	WATER CAPACITY:						
P.(1) PRESSURETROL	3/4" NPT	(FULL)	242 Gals @ 2,009 Lbs					
Q.(1) CLEANOUT	2" NPT	(NWL)	193 Gals @ 1,606 Lbs					
R.()		SHIPPING WEIGHT:	3,200					
S.()								

NOTES		SUPERIOR BOILER WORKS, INC. HUTCHINSON, KANSAS		CHECKED BY	DATE
1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.		ARROWHEAD		DRAWN BY ?	DATE
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.					
3. BOILER DESIGN CODE ASME SECTION IV.		BOILER MODEL		AR-4-80-S15-WP-G	
4. BOILER INSULATED WITH 1"-6# DENSITY CERAMIC FIBER INSULATION WITH 22 GAUGE STEEL JACKET.		SCALE	DRAWING No		
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.		1/30	?		
*6. HORSEPOWER & RELATED INFO BASED ON 4 SqFt FIRING.					

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