


BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR DATE		REVISION		BY		REPRESENTATIVE	
A.(1) STEAM OUTLET	4" NPT	HORSEPOWER	50								X
B.(4) LWCO	1" NPT	DESIGN PRESSURE	15 PSIG STEAM								X
C.(1) SAFETY VALVE	2" NPT	GROSS OUTPUT	1674 MBH								
D.( ) SAFETY VALVE		STEAM (FROM & AT 212°F)	1725 Lbs/Hr								
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE (FURNACE ONLY)	160923 BTU/CuFt							PROJECT:	X
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	2092 MBH								
G.(1) HANDHOLE	4" x 6"	HEATING SURFACE (ASME)	208 SqFt								
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	28.3 SqFt								
J.(1) SIGHTPORT	1 1/4" PIPE	FURNACE VOLUME	13.0 CuFt								
K.(2) FEEDWATER	1" NPT	TURNAROUND VOLUME	4.44 CuFt								
L.(1) AUXILIARY	2" NPT	STEAMING VOLUME	10.83 CuFt								
M.( ) LOW FIRE HOLD		STEAM RELEASE AREA	14.12 SqFt								
N.(2) STACK TEMP	1/2" NPT	WATER CAPACITY:									
P.(1) PRESSURE/RETROL	3/4" NPT	(FULL)	322 Gals @ 2,679 Lbs								
Q.(1) CLEANOUT	2" NPT	(NWL)	241 Gals @ 2,005 Lbs								
R.( )		SHIPPING WEIGHT:	4,770 Lbs								
S.( )											

**NOTES**

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION IV.
4. BOILER INSULATED WITH 1" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- \*6. HORSEPOWER & RELATED INFO BASED ON 4 SqFt FIRING.



**Superior**  
BOILER WORKS, INC.  
HETTINGER, KANSAS

CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_ DATE \_\_\_\_\_

X

**ARROWHEAD**

AR-4-200-S15-WBCF-G

BOILER MODEL

SCALE 1/34

DRAWING No. X

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