


BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR DATE		REVISION		BY		REPRESENTATIVE	
A.(1) WATER OUTLET	3" NPT	HORSEPOWER	30								?
B.(1) WATER RETURN	3" NPT	DESIGN PRESSURE	30 PSIG WATER								?
C.(1) LWCO	1" NPT	GROSS OUTPUT	1004 MBH								
D.(1) SAFETY VALVE	1" NPT	STEAM (FROM & AT 212°F)	1037 Lbs/Hr								
E.(1) SAFETY VALVE		HEAT RELEASE (FURNACE ONLY)	134899 BTU/CuFt								PROJECT:
F.(1) BOILER DRAIN	1 1/4" NPT	RATED INPUT	1255 MBH								?
G.(1) HANDHOLE		HEATING SURFACE (ASME)	124 SqFt								
H.(6) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	25.04 SqFt								
J.(1) SIGHTPORT	1 1/4" PIPE	FURNACE VOLUME	9.31 CuFt								
K.(1) AIR VENT	1" NPT	TURNAROUND VOLUME	2.7 CuFt								
L.(1) AUXILIARY	3/4" NPT										
M.(1) LOW FIRE HOLD											
N.(2) STACK TEMP	1/2" NPT	WATER CAPACITY:									
P.(5) AQUASTAT	1" NPT	(FULL) 230 Gals @	1,915 Lbs								
Q.(1) CLEANOUT	2" NPT	SHIPPING WEIGHT:	4,000								
R.(1)											
S.(1)											

**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"-6# DENSITY CERAMIC FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- \*6. HORSEPOWER & RELATED INFO BASED ON 4 SqFt FIRING.



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

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

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

**ARROWHEAD**

SCALE 1/34

BOILER MODEL: AR-4-120-W30-M

DRAWING No. ?

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