



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR DATE		REVISION		BY		REPRESENTATIVE	
A.(1) WATER OUTLET	3" NPT	HORSEPOWER	20								?
B.(1) WATER RETURN	3" NPT	DESIGN PRESSURE	30 PSIG WATER								?
C.(1) LWCO	1" NPT	DESIGN TEMPERATURE	250 deg. F								
D.(1) SAFETY VALVE	1" NPT	GROSS OUTPUT	670 MBH								
E.() SAFETY VALVE		HEAT RELEASE (FURNACE ONLY)	90,000 BTU/CuFt								
F.(1) BOILER DRAIN	1 1/4" NPT	RATED INPUT	838 MBH								
G.() 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.() 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										
R.()		SHIPPING WEIGHT:	4,000								
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"-64 DENSITY CERAMIC FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
6. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR
BOILER WORKS, INC.
HITCHCOCK, KANSAS

ARROWHEAD

SCALE 1/34

BOILER MODEL
AR-5-100-W30-M

DRAWING No. ?

CHECKED BY _____ DATE _____

DRAWN BY _____ DATE _____

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