



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.() SAFETY VALVE		HEAT RELEASE: (FURNACE ONLY)	134899 BTU/CuFt					PROJECT:
F.(1) BOILER DRAIN	1 1/4" NPT	RATED INPUT	1255 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				SUPERIOR BOILER WORKS, INC. HUTCHINSON, KANSAS		CHECKED BY	DATE
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.				ARROWHEAD BOILER MODEL AR-4-120-W30-M		DRAWN BY	DATE
SCALE		DRAWING No					
1/34		?					

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