



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE

A.(1) WATER OUTLET	4" NPT	HORSEPOWER	60
B.(1) WATER RETURN	4" NPT	DESIGN PRESSURE	30 PSIG WATER
C.(2) LWCO	1" NPT	DESIGN TEMPERATURE	250 °F
D.(1) SAFETY VALVE	1 1/2" NPT	GROSS OUTPUT	2009 MBH
E.() SAFETY VALVE		HEAT RELEASE (FURNACE ONLY)	175050 BTU/CuFt
F.(1) BOILER DRAIN	1 1/2" NPT	RATED INPUT	2511 MBH
G.() HANDHOLE		HEATING SURFACE (ASME)	247 SqFt
H.(6) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	31.70 SqFt
J.(1) SIGHTPORT	1 1/4" PIPE	FURNACE VOLUME	14.34 CuFt
K.(1) AIR VENT	1" NPT	TURNAROUND VOLUME	4.44 CuFt
L.(1) AUXILIARY	3/4" NPT		
M.(1) LOW FIRE HOLD	1" NPT		
N.(2) STACK TEMP	1/2" NPT		
P.(5) AQUASTAT	1" NPT		
Q.(1) CLEANOUT	2" NPT		
R.()			
S.()			

WATER CAPACITY:
(FULL) 357 Gals @ 2,969 Lbs
SHIPPING WEIGHT: 4,100 Lbs

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 $\pm 1/2"$ UNLESS OTHERWISE NOTED.
- *6. HORSEPOWER & RELATED INFO BASED ON 4 SqFt FIRING.

SUPERIOR
BOILER WORKS, INC.
HUTCHINSON, KANSAS

CHECKED BY

DRAWN BY

?

DATE

DATE

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ARROWHEAD

BOILER MODEL

AR-4-240-W30

SCALE

DRAWING No

1/34

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