



#### BOILER CONNECTIONS

#### RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE

A.(1) WATER OUTLET	4" NPT	HORSEPOWER	80
B.(1) WATER RETURN	4" NPT	DESIGN PRESSURE	30 PSIG WATER
C.(2) LWCO	1" NPT	DESIGN TEMPERATURE	250 F
D.(1) SAFETY VALVE	2" NPT	GROSS OUTPUT	2678 MBH
E.( ) SAFETY VALVE		HEAT RELEASE: (FURNACE ONLY)	196393 BTU/CuFt
F.(1) BOILER DRAIN	1 1/2" NPT	RATED INPUT	3348 MBH
G.( ) HANDHOLE		HEATING SURFACE (ASME)	334 SqFt
H.(6) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	37.28 SqFt
J.(1) SIGHTPORT	1 1/4" PIPE	FURNACE VOLUME	17.04 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	WATER CAPACITY:	
P.(5) AQUASTAT	1" NPT	(FULL) 415 Gals @	3,448 Lbs
Q.(1) CLEANOUT	2" NPT	SHIPPING WEIGHT:	5,300 Lbs
R.( )			
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  $\pm 1/2"$  UNLESS OTHERWISE NOTED.
- \*6. HORSEPOWER & RELATED INFO BASED ON 4 SqFt FIRING.



CHECKED BY

DRAWN BY

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DATE

DATE

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THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER WORKS & SHALL NOT BE REPRODUCED IN PART OR IN WHOLE, & NONE OF ITS INFORMATION SHALL BE REVEALED WITHOUT PERMISSION OR TO THE DETRIMENT OF THE OWNER. IT MUST BE RETURNED UPON REQUEST.

ARROWHEAD

BOILER MODEL

AR-4-320-W30

SCALE

1/34

DRAWING No

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