



#### BOILER CONNECTIONS

A.(1) WATER OUTLET	4" NPT
B.(1) WATER RETURN	4" NPT
C.(4) LWCO	1" NPT
D.(1) SAFETY VALVE	2" NPT
E.(1) SAFETY VALVE	
F.(1) BOILER DRAIN	1 1/2" NPT
G.(1) WATER CIRCULATION	
H.(5) HANDHOLE	3" X 4"
J.(1) MANWAY	
K.(1) SIGHTPORT	15" ID
L.(1) AIR VENT	1 1/2" NPT
M.(1) LOW FIRE HOLD	1/2" NPT
N.(4) AQUASTAT	1/2" NPT
P.(1) AQUASTAT	3/4" NPT
Q.(1) STACK TEMP	1/2" NPT
R.(1)	
S.(1)	

#### RATINGS & CAPACITIES

HORSEPOWER	100
DESIGN PRESSURE	30 P.S.I. WATER
DESIGN TEMPERATURE	250° F
GROSS OUTPUT	3348 MBH
HEAT RELEASE: (FURNACE ONLY)	143192 BTU./CU.FT.
RATED INPUT	4184 MBH
HEATING SURFACE (ASME)	512 SQ.FT
FURNACE HEATING SURFACE	60.04 SQ.FT
FURNACE VOLUME:	
FURNACE ONLY	29.22 CU.FT
WATER CAPACITY:	
(FULL)	1053 @ 8762 LBS
SHIPPING WEIGHT:	9700 LBS

LTR DATE

REVISION

BY REPRESENTATIVE:

PROJECT:

#### NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. REAR DOOR SWING:
  - (1) MIN SIDE, MAX REAR
  - (2) MAX SIDE, MIN REAR
4. BOILER DESIGN CODE ASME SECTION IV.
5. BOILER INSULATED WITH 2" OF INSULATION WITH 22 GAUGE STEEL JACKET.
6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.

**SUPERIOR BOILER**

CHECKED BY  
?  
DRAWN BY  
?

DATE  
DATE

AZTEC

BOILER MODEL

5-5-508-W30

SCALE

1/40

DRAWING No

?

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