



BOILER CONNECTIONS

A.(1) STEAM OUTLET	8" 300# FLG
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	2" NPT
D.() SAFETY VALVE	
E.(2) BOILER BLOWDOWN	1 1/2" NPT
F.(2) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(4) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY/ VENT	2" NPT
M.(2) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHTPORT	1" NPT
Q.()	
R.()	
S.()	

RATINGS & CAPACITIES

HORSEPOWER	600+
DESIGN PRESSURE	150 PSIG
GROSS OUTPUT	20,085 MBH+
STEAM (FROM & AT 212°F)	20,700 Lbs/Hr+
HEAT RELEASE: (FURNACE ONLY)	147,438 BTU/CuFt+
RATED INPUT	25,106 MBH+
HEATING SURFACE (ASME)	3,068 SqFt
FURNACE HEATING SURFACE	204.38 SqFt
FURNACE VOLUME:	
FURNACE ONLY	170.28 CuFt
STEAMING VOLUME	92.61 CuFt
STEAM RELEASE AREA	99.25 SqFt
WATER CAPACITY:	
(FULL)	4,075 Gal
(NWL)	3,382 Gal
SHIPPING WEIGHT:	

LTR DATE

REVISION

BY REPRESENTATIVE

X

PROJECT:

X

NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- REAR DOOR SWING:
(1) MIN SIDE, MAX REAR
(2) MAX SIDE, MIN REAR
- BOILER DESIGN CODE ASME SECTION I
- BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
- ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- *7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR
BOILER

CHECKED BY

X

DATE

8-20-08

DRAWN BY

JACOB YATES

BOILER MODEL

AZTEC

5-X-3004-S150-PFCF-GA2

SCALE

1/66

DRAWING No

X

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