



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) STEAM OUTLET	8" 300# FLG	HORSEPOWER	600*
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG
C.(2) SAFETY VALVE	2" NPT	GROSS OUTPUT	20,085 MBH*
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	20,700 Lbs/Hr*
E.(2) BOILER BLOWDOWN	1 1/2" NPT	HEAT RELEASE (FURNACE ONLY)	147,438 BTU/CuFt*
F.(2) SURFACE BLOWDOWN	1" NPT	RATED INPUT	25,106 MBH*
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	3,088 SqFt
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	204.38 SqFt
J.(1) CLEANOUT	17" ID	FURNACE VOLUME:	
K.(2) FEEDWATER	2" NPT	FURNACE ONLY	170.28 CuFt
L.(1) AUXILIARY/ VENT	2" NPT	STEAMING VOLUME	92.61 CuFt
M.(2) LOW FIRE HOLD	1/2" NPT	STEAM RELEASE AREA	99.25 SqFt
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:	
P.(1) SIGHTPORT	1" NPT	(FULL)	4,075 Gal @ 33,890 Lbs
Q.()		(NWL)	3,382 Gal @ 28,128 Lbs
R.()		SHIPPING WEIGHT:	
S.()			

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 I.
5. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- *7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR
BOILER

CHECKED BY

X

DRAWN BY

JACOB YATES

DATE

8-20-08

BOILER MODEL
AZTEC
5-X-3004-S150-PFCF-GA2

SCALE

1/66

DRAWING No

X

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