



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) STEAM OUTLET	3" NPT	HORSEPOWER	70
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM
C.(1) SAFETY VALVE	1 1/2" NPT	GROSS OUTPUT	2343 MBH
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	2415 LB/HR
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE: (FURNACE ONLY)	155407 BTU/CuFt
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	2929 MBH
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	356 SqFt
H.(4) HANDHOLE	3" x 4" NPT	FURNACE HEATING SURFACE	43.33 SqFt
J.(1) CLEANOUT	15" ID	FURNACE VOLUME:	
K.(2) FEEDWATER	1 1/4" NPT	FURNACE ONLY	18.85 CuFt
L.(1) AUXILIARY	1 1/2" NPT	STEAMING VOLUME	11.00 CuFt
M.() LOW FIRE HOLD		STEAM RELEASE AREA	23.46 SqFt
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:	
P.()		(FULL)	726 Gal @ 6,036 Lbs
Q.()		(NWL)	643 Gal @ 5,351 Lbs
R.()		SHIPPING WEIGHT:	8,800 Lbs
S.()			

NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- REAR DOOR SWING:
 - MIN SIDE, MAX REAR
 - MAX SIDE, MIN REAR
- BOILER DESIGN CODE ASME SECTION I.
- BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
- ALL DIMENSIONS $\pm 1/2$ UNLESS OTHERWISE NOTED.

SUPERIOR
BOILER

CHECKED BY

DRAWN BY

?

DATE

DATE

?

AZTEC

BOILER MODEL

5-5-353-S150

SCALE

1/32

DRAWING No

?

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.