



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR	DATE	REVISION	BY	REPRESENTATIVE:
				_____X_____
				PROJECT:
				_____X_____

NOTES



CHECKED BY
?
DRAWN BY
?

~~DATE~~

~~DATE~~

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.

AZTEC BOILER MODEL 5-5-2007-

SCALE

DRAWING No.

1/56

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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.

A.(1)	STEAM OUTLET 12"-150# FLANGE	HORSEPOWER	400
B.(4)	LWCO 1" NPT	DESIGN PRESSURE	15 P.S.I.G. STEAM
C.(1)	SAFETY VALVE 2" NPT	GROSS OUTPUT	13390 MBH
D.(2)	SAFETY VALVE 3" NPT	STEAM (FROM & AT 212°F)	13800 LB./HR
E.(2)	BOILER BLOWDOWN 2" NPT	HEAT RELEASE: (FURNACE ONLY)	140191 BTU/CU.FT.
F.(1)	SURFACE BLOWDOWN 1" NPT	RATED INPUT	16738 MBH.
G.(1)	MANWAY 12" x 16"	HEATING SURFACE (ASME)	2017 SQ.FT.
H.(4)	HANDHOLE 3" x 4"	FURNACE HEATING SURFACE	138.37 SQ.FT.
J.(1)	CLEANOUT PORT 15" ID	FURNACE VOLUME:	
K.(2)	FEEDWATER 2" NPT	FURNACE ONLY	119.39 CU.FT.
L.(1)	AUXILIARY 2" NPT	STEAMING VOLUME	60.89 CU.FT.
M.(1)	LOW FIRE HOLD 1/2" NPT	STEAM RELEASE AREA	73.32 SQ.FT.
N.(1)	STACK TEMP 1/2" NPT	WATER CAPACITY:	
P.()		(FULL)	2964 GAL. ● 24652 LBS.
Q.()		(NWL)	2508 GAL. ● 20864 LBS.
R.()		SHIPPING WEIGHT:	28600 LBS.
S.()			