


BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR	DATE	REVISION	BY	REPRESENTATIVE:
				X
				PROJECT:
				X
				X

NOTES			CHECKED BY	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.
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" - 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.			X		
		DRAWN BY	DATE		
		X			
		AZTEC BOILER MODEL 5-5-508-S15-PF-G			
SCALE	DRAWING No				
1/42	X				

A.(1) STEAM OUTLET	6" 150# FLANGE
B.(5) LWCO	1" NPT
C.(2) SAFETY VALVE	2 1/2" NPT
D.() SAFETY VALVE	
E.(1) BOILER BLOWDOWN	1 1/2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.() MANWAY	
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	18" PIPE
K.(2) FEEDWATER	1 1/4" NPT
L.(1) AUXILIARY/VENT	1 1/2" NPT
M.(1) LOW FIRE HOLD	1" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHT PORT	1" PIPE
Q.(1) CHEMICAL FEED	1" NPT
R.()	
S.()	

HORSEPOWER	100*
DESIGN PRESSURE	15 P.S.I. STEAM
GROSS OUTPUT	3348 MBH*
STEAM (FROM & AT 212°F)	3450 LB./HR.*
HEAT RELEASE: (FURNACE ONLY)	143,268 BTU/CL.FT.*
RATED INPUT	4184 MBH*
HEATING SURFACE (ASME)	511 SQ.FT.
FURNACE HEATING SURFACE	59.98 SQ.FT.
FURNACE VOLUME:	
FURNACE ONLY	29.21 CU.FT.
STEAMING VOLUME	16.13 CU.FT.
STEAM RELEASE AREA	34.40 SQ.FT.
WATER CAPACITY:	
(FULL)	1,052 @ 8,753 LBS.
(NWL)	932 @ 7,750 LBS.
SHIPPING WEIGHT:	10,000 LBS.