



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR DATE		REVISION		BY	REPRESENTATIVE:	
A.(1) STEAM OUTLET 4"-300# FLANGE		HORSEPOWER	150*							?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM							
C.(2) SAFETY VALVE	2" NPT	GROSS OUTPUT	5021 MBH*							
D.( ) SAFETY VALVE		STEAM (FROM & AT 212F)	5175 Lbs/Hr*							
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE: (FURNACE ONLY)	127,030 BTU/CuFt*							
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	6277 MBH*							
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	768 SqFt							
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	90.88 SqFt							
J.(1) CLEANOUT PORT	17" ID	FURNACE VOLUME:								
K.(2) FEEDWATER	1 1/4" NPT	FURNACE ONLY	49.41 CuFt							
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	26.03 CuFt							
M.(1) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	44.44 SqFt							
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:								
P.(1) SIGHTPORT	1" PIPE	(FULL) 1,366 Gal	11,365 Lbs							
Q.( )		(NWL) 1,172 Gal	9,745 Lbs							
R.( )		SHIPPING WEIGHT:	14,100 Lbs							
S.( )										

  

NOTES		SUPERIOR BOILER		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 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.		AZTEC		DRAWN BY	DATE	
		BOILER MODEL				
		5-X-751-S150				
		SCALE		DRAWING No		
		1/48		?		