



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR DATE		REVISION		BY		REPRESENTATIVE:	
A.(1) STEAM OUTLET	4" 300# FLANGE	HORSEPOWER	100*								?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM								
C.(2) SAFETY VALVE	2" NPT	GROSS OUTPUT	3348 MBH*								
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	3450 Lb/Hr*								
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE: (FURNACE ONLY)	148466 BTU/Hr/CuFt*								
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	4184 MBH*								
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	519 SqFt								
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	65.13 SqFt								
J.(1) CLEANOUT	18" PIPE	FURNACE VOLUME:									
K.(2) FEEDWATER	1 1/4" NPT	FURNACE ONLY	28.18 CuFt								
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	16.10 CuFt								
M.(1) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	34.33 SqFt								
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:									
P.(1) SIGHT PORT	1" PIPE	(FULL) 1,082 GAL	8,833 Lbs								
Q.()		(NWL) 942 GAL	7,831 Lbs								
R.()		SHIPPING WEIGHT:	10,700 Lbs								
S.()											

NOTES		SUPERIOR BOILER		CHECKED BY		DATE	
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		BOILER MODEL	
5-X-508-S150-M			
SCALE		DRAWING No	
1/42		?	

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