



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION		BY	REPRESENTATIVE:	
A.(1) WATER OUTLET	6" 150# FLANGE	HORSEPOWER	200*						X	
B.(1) WATER RETURN	6" 150# FLANGE	DESIGN PRESSURE	30 PSI WATER							
C.(4) LWCO	1" NPT	DESIGN TEMPERATURE	250°F							
D.(2) SAFETY VALVE	2" NPT	GROSS OUTPUT	6,695 MBH*						PROJECT:	
E.( ) SAFETY VALVE		HEAT RELEASE (FURNACE ONLY)	145,613 Btu/CuFt*						X	
F.(1) BOILER DRAIN	2" NPT	RATED INPUT	8,369 MBH*						X	
G.(4) WATER CIRCULATION	2" NPT	HEATING SURFACE (ASME)	1,035 SqFt						X	
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	88.17 SqFt							
J.(1) MANWAY	12" x 16"	FURNACE VOLUME:								
K.(1) CLEANOUT	17" ID	FURNACE ONLY	57.47 CuFt							
L.(1) AIR VENT	2" NPT									
M.(1) LOW FIRE HOLD	1" NPT									
N.(4) AQUASTAT	1/2" NPT	WATER CAPACITY:								
P.(1) AQUASTAT	3/4" NPT	(FULL) 1,485 Gal @	12,350 Lbs							
Q.(1) STACK TEMP	1/2" NPT	SHIPPING WEIGHT:	16,700 Lbs							
R.(1) SIGHT PORT	1" PIPE									
S.( )										

  

NOTES		SUPERIOR BOILER		CHECKED BY	DATE	THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER & 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.		AZTEC		X DRAWN BY X			
SCALE		BOILER MODEL		5-X-1024-W30-M			
1/50				DRAWING No		X	