



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) WATER OUTLET	10" 150# FLG	HORSEPOWER	400					HUGHES MACHINERY
B.(1) WATER RETURN	10" 150# FLG	DESIGN PRESSURE	30 PSIG					
C.(4) LWCO	1" NPT	DESIGN TEMPERATURE	250F					
D.(2) SAFETY VALVE	2" NPT	GROSS OUTPUT	13,390 MBH					
E.(2) SAFETY VALVE	1 1/2" NPT	HEAT RELEASE: (FURNACE ONLY)	140,191 Btu/hr/CuFt					PROJECT:
F.(1) BOILER DRAIN	2" NPT	RATED INPUT	16,738 MBH					KANSAS CITY STAR
G.(4) WATER CIRCULATION	2 1/2" NPT	HEATING SURFACE (ASME)	2,015 SqFt					
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	138.37 SqFt					
J.(1) MANWAY	12" x 16"	FURNACE VOLUME:						
K.(1) CLEANOUT	17" ID	FURNACE ONLY	119.19 CuFt					
L.(1) AIR VENT/AUXILIARY	2" NPT							
M.(1) LOW FIRE HOLD	1 1/2" NPT	WATER CAPACITY:						
N.(4) AQUASTAT	1 1/2" NPT	(FULL)	2964 Gal @ 24,652 Lbs					
P.(1) AQUASTAT	3/4" NPT	SHIPPING WEIGHT:	33,200 Lbs					
Q.(1) STACK TEMP	1/2" NPT							
R.(1) SIGHT PORT	1 1/4" NPT							
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NOTES				SUPERIOR BOILER WORKS, INC. HUTCHINSON, KANSAS		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.				BOILER MODEL		DRAWN BY	DATE	
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.				MOHAWK		R. WITHROW	11-18-03	
3. REAR DOOR SWING: (1) MIN SIDE, MAX REAR (2) MAX SIDE, MIN REAR				4-5-2007-W30-GP-G				
4. BOILER DESIGN CODE ASME SECTION IV				SCALE	DRAWING No			
5. BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.				1/62	4B90428 #1			
6. ALL DIMENSIONS ARE ± 1/2" UNLESS OTHERWISE NOTED.								