



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) WATER OUTLET	4" NPT	HORSEPOWER	50*					?
B.(1) WATER RETURN	4" NPT	DESIGN PRESSURE	30 PSIG WATER					
C.(4) LWCO	1" NPT	DESIGN TEMPERATURE	250° F					
D.(1) SAFETY VALVE	1 1/4" NPT	GROSS OUTPUT	1674 MBH*					
E.() SAFETY VALVE		HEAT RELEASE: (FURNACE ONLY)	144653 BTU/CuFt*					
F.(1) BOILER DRAIN	1 1/4" NPT	RATED INPUT	2092 MBH*					
G.() WATER CIRCULATION		HEATING SURFACE (ASME)	256 SqFt					
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	35.80 SqFt					
J.() MANWAY		FURNACE VOLUME:						
K.(1) SIGHTPORT	1" PIPE	FURNACE ONLY	14.46 CuFt					
L.(1) AIR VENT	1 1/2" NPT							
M.(1) LOW FIRE HOLD	1" NPT	WATER CAPACITY:						
N.(4) AQUASTAT	1/2" NPT	(FULL)	581 Gal @ 4,831 Lbs					
P.(1) AQUASTAT	3/4" NPT	SHIPPING WEIGHT:	6,500 Lbs					
Q.(2) STACK TEMP	1/2" NPT							
R.()								
S.()								

NOTES				SUPERIOR BOILER WORKS, INC. HUTCHINSON, KANSAS		CHECKED BY	DATE
1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.				MOHAWK		DRAWN BY ?	DATE
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.							
3. REAR DOOR SWING: (1) MIN SIDE, MAX REAR (2) MAX SIDE, MIN REAR				BOILER MODEL		4-5-253-W30	
4. BOILER DESIGN CODE ASME SECTION IV.				SCALE		DRAWING No	
5. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.				1/38		?	
6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.				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.			
*7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.							