



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) WATER OUTLET	6" 150# FLANGE	HORSEPOWER	200					?
B.(1) WATER RETURN	6" 150# FLANGE	DESIGN PRESSURE	30 PSIG WATER					
C.(4) LWCO	1" NPT	DESIGN TEMPERATURE	250° F					
D.(2) SAFETY VALVE	2" NPT	GROSS OUTPUT	6695					
E.() SAFETY VALVE		HEAT RELEASE: (FURNACE ONLY)	130845 BTU/CuFt					PROJECT:
F.(1) BOILER DRAIN	2" NPT	RATED INPUT	8369 MBH					?
G.(4) WATER CIRCULATION	2" NPT	HEATING SURFACE (ASME)	1027 SqFt					
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	86.52 SqFt					
J.(1) MANWAY	12" x 16"	FURNACE VOLUME:						
K.(1) CLEANOUT	17" ID	FURNACE ONLY	63.96 CuFt					
L.(1) AIR VENT	2" NPT	TURNAROUND VOLUME	42.09 CuFt					
M.(1) LOW FIRE HOLD	1/2" NPT	WATER CAPACITY:						
N.(4) AQUASTAT	1/2" NPT	(FULL)	1,788 GALS @ 14,869 LBS					
P.(1) AQUASTAT	3/4" NPT	SHIPPING WEIGHT:	17,300 LBS					
Q.(1) 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. 2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET. 3. BOILER DESIGN CODE ASME SECTION I. 4. BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL. 5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.		MOHICAN BOILER MODEL 7-5-1000-W30		DRAWN BY	DATE
SCALE		DRAWING No			
1/48		?			

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