



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	8" 300# FLANGE	HORSEPOWER	750*					?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 P.S.I.G. STEAM					
C.(3) SAFETY VALVE	2" NPT	GROSS OUTPUT	25106 MBH*					
D.( ) SAFETY VALVE		STEAM (FROM & AT 212°F)	25875 LB/HR*					
E.(2) BOILER BLOWDOWN	2" NPT	HEAT RELEASE: (FURNACE ONLY)	150,043 BTU/CU FT*					PROJECT:
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	31383 MBH*					?
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	3786 SQ FT					
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	230.61 SQ FT					
J.(1) CLEANOUT	17" ID	FURNACE VOLUME	209.16 CU FT					
K.(2) FEEDWATER	2" NPT	STEAMING VOLUME	52.86 CU FT					
L.(1) AUXILIARY/VENT	2" NPT	STEAM RELEASE AREA	91.66 SQ FT					
M.(1) LOW FIRE HOLD	1/2" NPT	WATER CAPACITY:						
N.(1) STACK TEMP	1/2" NPT	(FULL)	6,086 GAL	⊕	50,624 LBS			
P.(1) SIGHTPORT	1" PIPE	(NWL)	5,691 GAL	⊕	47,335 LBS			
Q.( )		SHIPPING WEIGHT:	52,400 LBS					
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. 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.		<b>MOHAWK</b> BOILER MODEL 4-5-3753-S150-		DRAWN BY	DATE
SCALE		DRAWING No			
1/86		?			

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