



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) STEAM OUTLET	2" NPT	HORSEPOWER	50*
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM
C.(1) SAFETY VALVE	1 1/2" NPT	GROSS OUTPUT	1674 MBH*
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	1725 LB/HR*
E.(1) BOILER BLOWDOWN	1" NPT	HEAT RELEASE: (FURNACE ONLY)	144653 BTU/CuFt*
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	2,092 MBH*
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	259 SqFt
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	35.80 SqFt
J.(1) SIGHTPORT	1" PIPE	FURNACE VOLUME:	
K.(2) FEEDWATER	1" NPT	FURNACE ONLY	14.46 CuFt
L.(1) AUXILIARY/VENT	1 1/2" NPT	STEAMING VOLUME	8.75 CuFt
M.() LOW FIRE HOLD		STEAM RELEASE AREA	21.25 SqFt
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:	
P.()		(FULL)	581 Gal @ 4,831 Lbs
Q.()		(NWL)	515 Gal @ 4,287 Lbs
R.()		SHIPPING WEIGHT:	6,600 Lbs
S.()			

NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- REAR DOOR SWING:
 - MIN SIDE, MAX REAR
 - MAX SIDE, MIN REAR
- BOILER DESIGN CODE ASME SECTION I.
- BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
- ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- *7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR BOILER

CHECKED BY

DATE

DRAWN BY

DATE

MOHAWK

BOILER MODEL

4-5-253-S150

SCALE

DRAWING No

1/38

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