



# BOILER CONNECTIONS

# RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE

A.(1) STEAM OUTLET	3" NPT	HORSEPOWER	70 *
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM
C.(1) SAFETY VALVE	1 1/2" NPT	GROSS OUTPUT	2343 MBH *
D.( ) SAFETY VALVE		STEAM (FROM & AT 212°F)	2415 Lb./HR *
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE: (FURNACE ONLY)	155407 BTU/CuFt *
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	2929 MBH *
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	356 SqFt
H.(4) HANDHOLE	3" x 4" NPT	FURNACE HEATING SURFACE	43.33 SqFt
J.(1) CLEANOUT	17" ID	FURNACE VOLUME:	
K.(2) FEEDWATER	1 1/4" NPT	FURNACE ONLY	18.85 CuFt
L.(1) AUXILIARY	1 1/2" NPT	STEAMING VOLUME	11.00 CuFt
M.( ) LOW FIRE HOLD		STEAM RELEASE AREA	23.46 SqFt
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:	
P.( )		(FULL)	726 Gal @ 6036 Lbs
Q.( )		(NWL)	643 Gal @ 5351 Lbs
R.( )		SHIPPING WEIGHT:	8800 Lbs
S.( )			

# NOTES

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.

**SUPERIOR**  
BOILER

CHECKED BY

DRAWN BY

DATE

DATE

MOHAWK

BOILER MODEL

4-5-353-S150-

SCALE

1/40

DRAWING No

X

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