



#### BOILER CONNECTIONS

A.(1) STEAM OUTLET	2" NPT
B.(4) LWCO	1" NPT
C.(1) SAFETY VALVE	1 1/2" NPT
D.(1) SAFETY VALVE	1" NPT
E.(1) BOILER BLOWDOWN	1" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	
H.(5) HANDHOLE	3" x 4"
J.(1) SIGHTPORT	1 1/4" PIPE
K.(2) FEEDWATER	1" NPT
L.(1) AUXILIARY	1 1/2" NPT
M.(1) LOW FIRE HOLD	
N.(1) STACK TEMP	1/2" NPT
P.(1)	
Q.(1)	
R.(1)	
S.(1)	

#### RATINGS & CAPACITIES

HORSEPOWER	40
DESIGN PRESSURE	150 P.S.I.G. STEAM
GROSS OUTPUT	1339 MBH
STEAM (FROM & AT 212°F)	1380 Lbs/Hr
HEAT RELEASE (FURNACE ONLY)	155,314 BTU/Ft <sup>2</sup>
RATED INPUT	1674 MBH
HEATING SURFACE (ASME)	207 Ft <sup>2</sup>
FURNACE HEATING SURFACE	33.46 Ft <sup>2</sup>
FURNACE VOLUME:	
FURNACE ONLY	10.78 Ft <sup>3</sup>
STEAMING VOLUME	5.21 Ft <sup>3</sup>
STEAM RELEASE AREA	17.65 Ft <sup>2</sup>
WATER CAPACITY:	
(FULL)	510 GAL
(NWL)	471 GAL
SHIPPING WEIGHT:	6,000 Lbs

LTR DATE

REVISION

BY REPRESENTATIVE:

X

PROJECT:

X

#### 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" B-4 DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
- ALL DIMENSIONS ARE ± 1/2" UNLESS OTHERWISE NOTED.
- HORSEPOWER & RELATED INFO BASED ON 5 Sg/Ft FIRING.

**SUPERIOR BOILER**

CHECKED BY  
?  
DRAWN BY  
?

DATE  
DATE

MOHAWK

BOILER MODEL

4-5-205-S150-

SCALE

DRAWING No

1/32

?

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