



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) STEAM OUTLET 6"-300# FLANGE	HORSEPOWER 350
B.(4) LWCO 1" NPT	DESIGN PRESSURE 150 PSI STEAM
C.(2) SAFETY VALVE 2" NPT	GROSS OUTPUT 11,716 MBH
D.() SAFETY VALVE	STEAM (FROM & AT 212°F) 12,075 LB/HR
E.(2) BOILER BLOWDOWN 1 1/2" NPT	HEAT RELEASE: (FURNACE ONLY) 134,468 BTU/CuFt
F.(1) SURFACE BLOWDOWN 1" NPT	RATED INPUT 14,845 MBH
G.(1) MANWAY 12" x 16"	HEATING SURFACE (ASME) 1,783 SqFt
H.(4) HANDHOLE 3" x 4"	FURNACE HEATING SURFACE 159.03 SqFt
J.(1) CLEANOUT 17" ID	FURNACE VOLUME:
K.(2) FEEDWATER 2" NPT	FURNACE ONLY 108.91 CuFt
L.(1) AUXILIARY 2" NPT	STEAMING VOLUME 56.15 CuFt
M.(1) LOW FIRE HOLD 1/2" NPT	STEAM RELEASE AREA 78.95 SqFt
N.(1) STACK TEMP 1/2" NPT	WATER CAPACITY:
P.()	(FULL) 2,802 GAL @ 23,303 Lbs
Q.()	(NW) 2,382 GAL @ 19,810 Lbs
R.()	SHIPPING WEIGHT: 29,000 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 $\pm 1/2"$ UNLESS OTHERWISE NOTED.
- *7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR
BOILER

CHECKED BY

DATE

DRAWN BY

DATE

MOHAWK

BOILER MODEL

4-5-1758-S150-

SCALE

DRAWING No

1/64

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