



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE

- A.(1) STEAM OUTLET 4" 300# FLANGE
B.(4) LWCO 1" NPT
C.(2) SAFETY VALVE 2" NPT
D.() SAFETY VALVE
E.(1) BOILER BLOWDOWN 1 1/4" NPT
F.(1) SURFACE BLOWDOWN 1" NPT
G.(1) MANWAY 12" x 16"
H.(4) HANDHOLE 3" x 4"
J.(1) CLEANOUT PORT 17" ID
K.(2) FEEDWATER 1 1/4" NPT
L.(1) AUXILIARY/VENT 2" NPT
M.(1) LOW FIRE HOLD 1" NPT
N.(1) STACK TEMP 1/2" NPT
P.(1) SIGHTPORT 1" PIPE
Q.()
R.()
S.()

- HORSEPOWER 150*
DESIGN PRESSURE 150 PSIG STEAM
GROSS OUTPUT 5021 MBH*
STEAM (FROM & AT 212°F) 5175 Lbs/Hr*
HEAT RELEASE (FURNACE ONLY) 127030 BTU/CuFt*
RATED INPUT 6277 MBH*
HEATING SURFACE (ASME) 788 SqFt
FURNACE HEATING SURFACE 90.88 SqFt
FURNACE VOLUME:
FURNACE ONLY 49.41 CuFt
STEAMING VOLUME 26.03 CuFt
STEAM RELEASE AREA 44.44 SqFt
WATER CAPACITY:
(FULL) 1,366 Gal @ 11,365 Lbs
(NWL) 1,172 Gal @ 9,745 Lbs
SHIPPING WEIGHT: 14,100 Lbs

NOTES

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

SUPERIOR
BOILER

CHECKED BY

DATE

DRAWN BY

DATE

MOHAWK

BOILER MODEL

4-5-751-S150

SCALE

DRAWING No

1/48

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