



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY

REPRESENTATIVE:

A.(1) STEAM OUTLET 10" 300# FLANGE
B.(4) LWCO 1" NPT
C.(2) SAFETY VALVE 4" 300# FLANGE
D.() SAFETY VALVE
E.(2) BOILER BLOWDOWN 2" NPT
F.(1) SURFACE BLOWDOWN 1" NPT
G.(1) MANWAY 12" x 16"
H.(5) HANDHOLE 3" x 4"
J.(1) CLEANOUT 17" ID
K.(2) FEEDWATER 3" NPT
L.(1) AUXILIARY/VENT 2" NPT
M.(1) LOW FIRE HOLD 1/2" NPT
N.(1) STACK TEMP 1/2" NPT
P.(1) SIGHT PORT 1 1/4" NPT
Q.()
R.()
S.()

HORSEPOWER 1200
DESIGN PRESSURE 150 PSIG STEAM
GROSS OUTPUT 40170 MBH
STEAM (FROM & AT 212°F) 41400 Lbs/Hr
HEAT RELEASE (FURNACE ONLY) 153188 BTU/CuFt
RATED INPUT 50213 MBH
HEATING SURFACE (ASME) 6038 SqFt
FURNACE HEATING SURFACE 323.86 SqFt
FURNACE VOLUME 327.78 CuFt
TURNAROUND VOLUME 95.41 CuFt
STEAMING VOLUME 189.96 CuFt
STEAM RELEASE AREA 176.95 SqFt
WATER CAPACITY:
(FULL) 9,678 Gal @ 80,501 Lbs
(NWL) 8,257 Gal @ 68,677 Lbs
SHIPPING WEIGHT: 81,300 Lbs

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REPRESENTATIVE:

PROJECT:

NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION I.
4. BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.

SUPERIOR
BOILER

MOHICAN

BOILER MODEL

7-5-6000-S150

SCALE

1/86

CHECKED BY

DRAWN BY

?

DATE

DATE

DRAWING No

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