



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.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	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" NPT
Q.()	
R.()	
S.()	

HORSEPOWER	150
DESIGN PRESSURE	150 PSI STEAM
GROSS OUTPUT	5021 MBH
STEAM (FROM & AT 212°F)	5175 LBS/HR
HEAT RELEASE: (FURNACE ONLY)	136195 BTU/CuFt
RATED INPUT	8277 MBH
HEATING SURFACE (ASME)	760 SqFt
FURNACE HEATING SURFACE	84.71 SqFt
FURNACE VOLUME	46.09 CuFt
TURNAROUND VOLUME	24.09 CuFt
STEAMING VOLUME	26.03 CuFt
STEAM RELEASE AREA	49.45 SqFt
WATER CAPACITY:	
(FULL)	1,535 GAL @ 12,766 LBS
(NWL)	1,340 GAL @ 11,147 LBS
SHIPPING WEIGHT:	14,900 LBS

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 WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSION ARE ±1/2" UNLESS OTHERWISE NOTED.

SUPERIOR
BOILER

CHECKED BY

DRAWN BY

DATE

DATE

MOHICAN

BOILER MODEL

7-5-750-S150

SCALE

DRAWING No

1/48

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