



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) STEAM OUTLET	3" NPT
B.(4) LWCO	1" NPT
C.(1) SAFETY VALVE	1 1/2" 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	18" PIPE
K.(2) FEEDWATER	1 1/4" NPT
L.(1) AUXILIARY/VENT	1 1/2" NPT
M.(1) LOW FIRE HOLD	1" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHT PORT	1" NPT
Q.()	
R.()	
S.()	

HORSEPOWER	70
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	2343 MBH
STEAM (FROM & AT 212°F)	2415 Lbs/Hr
HEAT RELEASE: (FURNACE ONLY)	154762 BTU/CuFt
RATED INPUT	2929 MBH
HEATING SURFACE (ASME)	356 SqFt
FURNACE HEATING SURFACE	39.87 SqFt
FURNACE VOLUME	18.93 CuFt
TURNAROUND VOLUME	18.44 CuFt
STEAMING VOLUME	14.02 CuFt
STEAM RELEASE AREA	29.89 SqFt
WATER CAPACITY:	
(FULL)	874 Gal
(NWL)	789 Gal
SHIPPING WEIGHT:	9500 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" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
*6. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR BOILER

CHECKED BY

DRAWN BY

DATE

DATE

MOHICAN

BOILER MODEL

7-5-350-S150

SCALE

DRAWING No

1/45

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