



## BOILER CONNECTIONS

## RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) STEAM OUTLET	6" 150# FLANGE
B.(4) LWCO	1" NPT
C.(1) SAFETY VALVE	2" NPT
D.(1) SAFETY VALVE	
E.(1) BOILER BLOWDOWN	1 1/2" 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	1 1/4" NPT
L.(1) AUXILIARY/VENT	1 1/2" NPT
M.(1) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHT PORT	1" NPT
Q.( )	
R.( )	
S.( )	

HORSEPOWER	70*
DESIGN PRESSURE	15 PSIG STEAM
GROSS OUTPUT	2343 MBH*
STEAM (FROM & AT 212°F)	2415 Lbs/Hr*
HEAT RELEASE (FURNACE ONLY)	155,078 BTU/CuFt*
RATED INPUT	2929 MBH*
HEATING SURFACE (ASME)	356 SqFt
FURNACE HEATING SURFACE	38.88 SqFt
FURNACE VOLUME	18.89 CuFt
TURNAROUND VOLUME	18.64 CuFt
STEAMING VOLUME	14.05 CuFt
STEAM RELEASE AREA	29.97 SqFt
WATER CAPACITY:	
(FULL)	871 Gal
(NWL)	786 Gal
SHIPPING WEIGHT:	8,500 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 IV.
4. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE  $\pm 1/2"$  UNLESS OTHERWISE NOTED.
- \*6. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

**SUPERIOR**  
BOILER

CHECKED BY

DATE

DRAWN BY

?

DATE

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MOHICAN

BOILER MODEL

7-5-350-S15

SCALE

1/45

DRAWING No

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