



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY

REPRESENTATIVE

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PROJECT:

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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 1/2" 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

DATE

DRAWN BY

DATE

MOHICAN

BOILER MODEL
7-5-350-W30

SCALE

DRAWING No

1/44

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THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER WORKS & SHALL NOT BE REPRODUCED IN PART OR IN WHOLE, & NONE OF ITS INFORMATION SHALL BE REVEALED WITHOUT PERMISSION OR TO THE DETRIMENT OF THE OWNER. IT MUST BE RETURNED UPON REQUEST.

- A.(1) WATER OUTLET 4" NPT
B.(1) WATER RETURN 4" NPT
C.(4) LWCO 1" NPT
D.(1) SAFETY VALVE 1 1/2" NPT
E.(1) SAFETY VALVE 1 1/2" NPT
F.(1) BOILER DRAIN 1 1/2" NPT
G.(1) WATER CIRCULATION
H.(5) HANDHOLE 3" x 4"
J.(1) MANWAY 12" x 16"
K.(1) CLEANOUT 17" ID
L.(1) AIR VENT 1 1/2" NPT
M.(1) LOW FIRE HOLD 1/2" NPT
N.(4) AQUASTAT 1/2" NPT
P.(1) AQUASTAT 3/4" NPT
Q.(1) STACK TEMP 1/2" NPT
R.(1) SIGHT PORT 1" NPT
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HORSEPOWER 70
DESIGN PRESSURE 30 PSIG WATER
DESIGN TEMPERATURE 250°F
GROSS OUTPUT 2343 MBH
HEAT RELEASE: (FURNACE ONLY) 147,024 BTU/CuFt
RATED INPUT 2929 MBH
HEATING SURFACE (ASME) 362 SqFt
FURNACE HEATING SURFACE 37.46 SqFt
FURNACE VOLUME:
FURNACE ONLY 19.92 CuFt
TURNAROUND VOLUME 24.09 CuFt
WATER CAPACITY:
(FULL) 748 Gal @ 6,219 Lbs
SHIPPING WEIGHT: 8,400 Lbs