



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE

A.(1) WATER OUTLET	10" 150# FLANGE
B.(1) WATER RETURN	10" 150# FLANGE
C.(4) LWCO	1" NPT
D.(3) SAFETY VALVE	2" NPT
E.(1) SAFETY VALVE	1 1/2" NPT
F.(1) BOILER DRAIN	2" NPT
G.(4) WATER CIRCULATION	2 1/2" NPT
H.(5) HANDHOLE	3" x 4"
J.(1) MANWAY	12" x 16"
K.(1) CLEANOUT	17" ID
L.(1) AIR VENT	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) SIGHTPORT	1" PIPE
S.()	

HORSEPOWER	400*
DESIGN PRESSURE	30 PSIG WATER
DESIGN TEMPERATURE	250°F
GROSS OUTPUT	133,333 Btu/Hr
HEAT RELEASE: (FURNACE ONLY)	136,358 Btu/GalFt*
RATED INPUT	167,333 Btu/Hr
HEATING SURFACE (ASME)	2025 SqFt*
FURNACE HEATING SURFACE	135.64 SqFt
FURNACE VOLUME:	
FURNACE ONLY	122.75 CuFt
TURNAROUND VOLUME	56.92 CuFt
WATER CAPACITY:	
(FULL)	3.239 GALS @ 26,938 LBS
SHIPPING WEIGHT:	30,200 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" OF 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

MOHICAN

BOILER MODEL

7-5-2000-W30

SCALE

1/60

CHECKED BY
?
DRAWN BY
?

DATE
DATE

DRAWING No

?

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.