



BOILER CONNECTIONS

A.(1) WATER OUTLET	4" NPT
B.(1) WATER RETURN	4" NPT
C.(4) LWCO	1" NPT
D.(1) SAFETY VALVE	2" NPT
E.(1) SAFETY VALVE	2" NPT
F.(1) BOILER DRAIN	1 1/2" NPT
G.(1) WATER CIRCULATION	1 1/2" NPT
H.(5) HANDHOLE	3" x 4"
J.(1) MANWAY	1" PIPE
K.(1) SIGHTPORT	1" PIPE
L.(1) AIR VENT	1 1/2" NPT
M.(1) LOW FIRE HOLD	1" NPT
N.(4) AQUASTAT	1/2" NPT
P.(1) AQUASTAT	3/4" NPT
Q.(2) STACK TEMP	1/2" NPT
R.(1) CLEANOUT	15"
S.(1)	

RATINGS & CAPACITIES

HORSEPOWER	100
DESIGN PRESSURE	30 P.S.I. WATER
DESIGN TEMPERATURE	250° F
GROSS OUTPUT	3348 MBH
HEAT RELEASE (FURNACE ONLY)	143192 BTU./CU.FT.
RATED INPUT	4184 MBH
HEATING SURFACE (ASME)	514 SQ.FT.
FURNACE HEATING SURFACE	60.04 SQ.FT.
FURNACE VOLUME:	
FURNACE ONLY	29.22 CU.FT.
WATER CAPACITY:	
(FULL)	1053 @ 8762 LBS
SHIPPING WEIGHT:	9700 LBS

LTR DATE

REVISION

BY REPRESENTATIVE:

X

PROJECT:

X

NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. REAR DOOR SWING:
 - (1) MIN SIDE, MAX REAR
 - (2) MAX SIDE, MIN REAR
4. BOILER DESIGN CODE ASME SECTION IV
5. BOILER INSULATED WITH 2"-8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
6. ALL DIMENSIONS ARE $\pm 1/2"$ UNLESS OTHERWISE NOTED.
- *7. HORSEPOWER & RELATED INFO BASED ON 5 SQ.FT FIRING.

SUPERIOR
BOILER

CHECKED BY

DRAWN BY

X

DATE

DATE

MOHAWK

BOILER MODEL

4-5-508-W30-WBCF-G

SCALE

DRAWING No

1/40

X

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