



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

PROJECT:

NOTES

SUPERIOR BOILER

CHECKED BY ?
DRAWN BY ?

DATE
DATE

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.

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- REAR DOOR SWING:
 - MIN SIDE, MAX REAR
 - MAX SIDE, MIN REAR
- BOILER DESIGN CODE ASME SECTION IV.
- BOILER INSULATED WITH 2" OF INSULATION WITH 22 GAUGE STEEL JACKET.

AZTEC

BOILER MODEL

5-5-304-W30-

SCALE

DRAWING No

1/36

?

HORSEPOWER 60
DESIGN PRESSURE 30 P.S.I.G. WATER
DESIGN TEMPERATURE 250° F
GROSS OUTPUT 2009 MBH
HEAT RELEASE: (FURNACE ONLY) 144372 BTU./CU.FT.
RATED INPUT 2511 MBH
HEATING SURFACE (ASME) 308 SQ.FT.
FURNACE HEATING SURFACE 43.10 SQ.FT.
FURNACE VOLUME:
FURNACE ONLY 17.39 CU.FT.
WATER CAPACITY:
(FULL) 708 GAL. @ 5887 LBS.
SHIPPING WEIGHT: 7200 LBS.

- 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 1/4" NPT
F.(1) BOILER DRAIN 1 1/4" NPT
G.(1) WATER CIRCULATION 3" x 4"
H.(5) HANDHOLE 3" x 4"
J.(1) MANWAY
K.(1) SIGHTPORT 1 1/4" PIPE
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)
S.(1)