



BOILER CONNECTIONS

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

RATINGS & CAPACITIES

HORSEPOWER	15 ²
DESIGN PRESSURE	30 PSIG WATER
DESIGN TEMPERATURE	250° F
GROSS OUTPUT	502 MBH
HEAT RELEASE (FURNACE ONLY)	171,463 BTU/GPH
RATED INPUT	620 MBH
HEATING SURFACE (ASME)	78 SqFt
FURNACE HEATING SURFACE	7.38 SqFt
FURNACE VOLUME:	
FURNACE ONLY	3.88 CuFt
TURN-AROUND ONLY	6.27 CuFt
WATER CAPACITY:	
(FULL)	150 Gal @ 1.251 Lbs
SHIPPING WEIGHT:	2,800 Lbs

LEN 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. BOILER DESIGN CODE ASME SECTION IV.
4. BOILER INSULATED WITH 2" - 3/4" DENSITY MINERAL FIBER.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
6. HORSE POWER & RELATED INFO BASED ON 5 Sg/F FIRING.

SUPERIOR
BOILER

CHECKED BY

DRAWN BY

DATE

DATE

OSAGE BOILER MODEL
3-X-75-W30-M

SCALE

1/24

DRAWING No

X

THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER & 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.