



# BOILER CONNECTIONS

# RATINGS & CAPACITIES

LWR DATE

REVISION

BY

REPRESENTED

A(1) STEAM OUTLET	4" NPT
B(3) LWCO	1" NPT
C(1) SAFETY VALVE	2" NPT
D(1) SAFETY VALVE	2" NPT
E(4) BOILER BLOWDOWN	2" NPT
F(1) SURFACE BLOWDOWN	2" NPT
G(1) MAINWAY	3" x 4"
H(3) HANDHOLE	1 1/4" PIPE
J(1) SIGHTPORT	1 1/4" PIPE
K(1) FEEDWATER	4" NPT
L(1) AUXILIARY	2" NPT
M(1) LOW FIRE HOLD	2" NPT
N(1) STACK TEMP	1/2" NPT
P(1)	
Q(1)	
R(1)	
S(1)	

HORSEPOWER	
DESIGN PRESSURE	15 P.S.I.G. STEAM
GROSS OUTPUT	2440 MMBTU
STEAM (FROM & AT 212°F)	2515 LBS./HR.
HEAT RELEASE (FURNACE ONLY)	106,748 BTU/H. CU.FT.
RATED INPUT	3050 MMBTU
HEATING SURFACE (ASME)	384 SQ.FT.
FURNACE HEATING SURFACE	34.32 SQ.FT.
FURNACE VOLUME:	
FURNACE ONLY	28.82 CU.FT.
STEAMING VOLUME	10.09 CU.FT.
STEAM RELEASE AREA	20.44 SQ.FT.
WATER CAPACITY:	
(FULL)	513 GAL. • 4271 LBS.
(MIN.)	439 GAL. • 3643 LBS.
SHIPPING WEIGHT:	7,400 LBS.

# NOTES

1. ALL CONTROLS & MOUNTED PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION I.
4. BOILER INSULATED WITH 2" - 8# 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 SQ.FT. FRING.

**SUPERIOR BOILER**

DESIGNED BY

DATE

OSAGE

BOILER MODEL

3-5-364-S15

SCALE

DRAWING NO.

1/34

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