



BOILER CONNECTIONS

A.(1) STEAM OUTLET	6" 150# FLANGE
B.(4) LWCO	1" NPT
C.(1) SAFETY VALVE	2 1/2" NPT
D.() SAFETY VALVE	
E.(1) BOILER BLOWDOWN	1 1/2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.() MANWAY	
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" ID
K.(2) FEEDWATER	1 1/4" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(1) LOW FIRE HOLD	1" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHT PORT	1" PIPE
Q.()	
R.()	
S.()	

RATINGS & CAPACITIES

HORSEPOWER	125*
DESIGN PRESSURE	15 PSIG STEAM
GROSS OUTPUT	4184 MBH*
STEAM (FROM & AT 212°F)	4312 Lbs/HR*
HEAT RELEASE (FURNACE ONLY)	176121 BTU/CuF*
RATED INPUT	8230 MBH*
HEATING SURFACE (ASME)	833 SqFt
FURNACE HEATING SURFACE	81.00 SqFt
FURNACE VOLUME:	
FURNACE ONLY	29.70 CuFt
STEAMING VOLUME	16.13 CuFt
STEAM RELEASE AREA	34.40 SqFt
WATER CAPACITY:	
(FULL)	1,001 Gal @ 8,328 Lbs
(NWL)	881 Gal @ 7,325 Lbs
SHIPPING WEIGHT:	11,000 Lbs

LTR

DATE

REVISION

BY REPRESENTATIVE

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PROJECT:

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NOTES

- 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" - 8# DENSITY MINERAL FIBER INSULATION WITH 28 GAUGE STEEL JACKET.
- ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- *7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR
BOILER

CHECKED BY

DATE

DRAWN BY

DATE

APACHE

BOILER MODEL

8-5-625-S15-

SCALE

DRAWING No

1/42

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