



#### BOILER CONNECTIONS

A.(1) STEAM OUTLET	4" 300# FLANGE
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	2" NPT
D.( ) SAFETY VALVE	
E.(1) BOILER BLOWDOWN	1 1/4" NPT
F.(2) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(4) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" ID
K.(2) FEEDWATER	1 1/4" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(2) LOW FIRE HOLD	1" NPT
N.(2) STACK TEMP	1/2" NPT
P.(1) SIGHT PORT	1" PIPE
Q.( )	
R.( )	
S.( )	

#### RATINGS & CAPACITIES

HORSEPOWER	125*
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	4184 MBH*
STEAM (FROM & AT 212F)	4312 Lbs./HR*
HEAT RELEASE: (FURNACE ONLY)	185583 BTU/CuFt*
RATED INPUT	8230 MBH*
HEATING SURFACE (ASME)	638 SqFt
FURNACE HEATING SURFACE	85.13 SqFt
FURNACE VOLUME:	
FURNACE ONLY	28.18 CuFt
STEAMING VOLUME	16.10 CuFt
STEAM RELEASE AREA	34.33 SqFt
WATER CAPACITY:	
(FULL)	1.011 Gal
(NWL)	891 Gal
SHIPPING WEIGHT:	11,400 Lbs

LTR DATE


REVISION


BY REPRESENTATIVE:


#### NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- REAR DOOR SWING:
  - (1) MIN SIDE, MAX REAR
  - (2) MAX SIDE, MIN REAR
- BOILER DESIGN CODE ASME SECTION I
- BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 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-S150-

SCALE

DRAWING No

1/42

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