



BOILER CONNECTIONS

A.(1) STEAM OUTLET	6" 150# FLANGE
B.(4) LWCO	1" NPT
C.(1) SAFETY VALVE	3" NPT
D.(1) SAFETY VALVE	3" NPT
E.(1) BOILER BLOWDOWN	2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(4) HANDHOLE	3" x 4"
J.(1) CLEANOUT PORT	15" I.D.
K.(2) FEEDWATER	1 1/4" NPT
L.(1) AUXILIARY	2" NPT
M.(1) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.()	
Q.()	
R.()	
S.()	

RATINGS & CAPACITIES

HORSEPOWER	150
DESIGN PRESSURE	15 P.S.I.G. STEAM
GROSS OUTPUT	5,021 MBH.
STEAM (FROM & AT 212°F)	5,175 LB/HR
HEAT RELEASE (FURNACE ONLY)	148,250 BTU/CU.FT.
RATED INPUT	6,277 MBH.
HEATING SURFACE (ASME)	750 SQ.FT.
FURNACE HEATING SURFACE	69.08 SQ.FT.
FURNACE VOLUME:	
FURNACE ONLY	42.34 CU.FT.
STEAMING VOLUME	21.58 CU.FT.
STEAM RELEASE AREA	36.84 SQ.FT.
WATER CAPACITY:	
(FULL)	1064 GAL. • 8,852 LBS.
(NWL)	903 GAL. • 7509 LBS.
SHIPPING WEIGHT:	14,100 LBS.

LTR DATE

REVISION

BY REPRESENTATIVE:

PROJECT:

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" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
- ALL DIMENSIONS ARE $\pm 1/2"$ UNLESS OTHERWISE NOTED.

SUPERIOR
BOILER

CHECKED BY
?
DRAWN BY
?

DATE
DATE

APACHE BOILER MODEL
8-5-750-S15-

SCALE

1/36

DRAWING No

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