



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE

A.(1) STEAM OUTLET	6" 300# FLANGE
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	2" NPT
D.() SAFETY VALVE	
E.(2) BOILER BLOWDOWN	1 1/2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 18"
H.(4) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(1) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHTPORT	1/2" NPT
Q.()	
R.()	
S.()	

HORSEPOWER	350 *
DESIGN PRESSURE	150 PSI STEAM
GROSS OUTPUT	11716 MBH *
STEAM (FROM & AT 212°F)	12075 LB/HR *
HEAT RELEASE: (FURNACE ONLY)	155,577 BTU/CuFt*
RATED INPUT	14845 MBH *
HEATING SURFACE (ASME)	1773 SqFt
FURNACE HEATING SURFACE	137.19 SqFt
FURNACE VOLUME:	
FURNACE ONLY	94.14 CuFt
STEAMING VOLUME	47.63 CuFt
STEAM RELEASE AREA	65.62 SqFt
WATER CAPACITY:	
(FULL)	2,293 GAL @ 19,071 Lbs
(NWL)	1,937 GAL @ 16,107 Lbs
SHIPPING WEIGHT:	28,800 Lbs

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 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 SgFt FIRING.

SUPERIOR
BOILER

CHECKED BY
?
DRAWN BY
?

DATE
DATE

APACHE

BOILER MODEL

8-X-1750-S150

SCALE

DRAWING No

1/64

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