



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.(1) SAFETY VALVE
 E.(2) BOILER BLOWDOWN 1 1/2" NPT
 F.(2) SURFACE BLOWDOWN 1" NPT
 G.(1) MANWAY 12" x 18"
 H.(4) HANDHOLE 3" x 4"
 J.(1) CLEAN OUT 15" ID
 K.(2) FEEDWATER 2" NPT
 L.(1) AUXILIARY 2" NPT
 M.(2) LOW FIRE HOLD 1" NPT
 N.(2) STACK TEMP 1/2" NPT
 P.(1) SIGHT PORT 1" PIPE
 Q.(1)
 R.(1)
 S.(1)

HORSEPOWER	400
DESIGN PRESSURE	150 PSI STEAM
GROSS OUTPUT	13390 MBH
STEAM (FROM & AT 212°F)	13800 LB/HR
HEAT RELEASE: (FURNACE ONLY)	153677 BTU/CuFt
RATED INPUT	13800 MBH
HEATING SURFACE (ASME)	2059 SqFt
FURNACE HEATING SURFACE	159.03 SqFt
FURNACE VOLUME:	
FURNACE ONLY	108.91 CuFt
STEAMING VOLUME	56.15 CuFt
STEAM RELEASE AREA	76.95 SqFt
WATER CAPACITY:	
(FULL)	2.683 GAL
(NWL)	2.263 GAL
SHIPPING WEIGHT:	30,900 Lbs

- 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" 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

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APACHE BOILER MODEL
 8-5-2000-S150

SCALE
 1/64

DRAWING No
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