



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) STEAM OUTLET 8" 300# FLANGE	HORSEPOWER 200
B.(4) LWCO 1" NPT	DESIGN PRESSURE 15 PSI STEAM
C.(2) SAFETY VALVE 2 1/2" NPT	GROSS OUTPUT 6895 MBH
D.() SAFETY VALVE 2" NPT	STEAM (FROM & AT 212°F) 6900 Lbs/Hr
E.(2) BOILER BLOWDOWN 2" NPT	HEAT RELEASE (FURNACE ONLY) 168116 BTU/CuFt
F.(1) SURFACE BLOWDOWN 1" NPT	RATED INPUT 8389 MBH
G.(1) MANWAY 12" x 18"	HEATING SURFACE (ASME) 1007 SqFt
H.(4) HANDHOLE 3" x 4"	FURNACE HEATING SURFACE 91.67 SqFt
J.(1) CLEANOUT PORT 17" ID	FURNACE VOLUME:
K.(2) FEEDWATER 2" NPT	FURNACE ONLY 49.78 CuFt
L.(1) AUXILIARY/VENT 2" NPT	STEAMING VOLUME 28.82 CuFt
M.(1) LOW FIRE HOLD 1/2" NPT	STEAM RELEASE AREA 45.44 SqFt
N.(1) STACK TEMP 1/2" NPT	WATER CAPACITY:
P.(1) SIGHT PORT 1" PIPE	(FULL) 1,299 GAL @ 10,804 Lbs
Q.()	(NWL) 1,100 GAL @ 9,147 Lbs
R.()	SHIPPING WEIGHT: 16,000 Lbs
S.()	

NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. REAR DOOR SWING:
 - (1) MIN SIDE, MAX REAR
 - (2) MAX SIDE, MIN REAR
4. BOILER DESIGN CODE ASME SECTION IV.
5. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 28 GAUGE STEEL JACKET.
6. 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
8-5-1000-S15

SCALE

DRAWING No

1/56

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