



BOILER CONNECTIONS

A.(1) STEAM OUTLET	8" 300# FLG
B.(4) LWCO	1" NPT
C.(3) SAFETY VALVE	2" NPT
D.() SAFETY VALVE	
E.(2) 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	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" PIPE
Q.()	
R.()	
S.()	

RATINGS & CAPACITIES

HORSEPOWER	900*
DESIGN PRESSURE	150 PSIG
GROSS OUTPUT	30,128 MBH *
STEAM (FROM & AT 212°F)	31,050 Lbs/Hr *
HEAT RELEASE (FURNACE ONLY)	172,036 BTU/GalF *
RATED INPUT	37,659 MBH *
HEATING SURFACE (ASME)	4540 SqFt
FURNACE HEATING SURFACE	252.71 SqFt
FURNACE VOLUME:	
FURNACE ONLY	218.90 CuFt
STEAMING VOLUME	135.30 CuFt
STEAM RELEASE AREA	128.83 SqFt
WATER CAPACITY:	
(FULL)	5,599 Gal @ 46,569 Lbs
(NW)	4,587 Gal @ 39,150 lbs
SHIPPING WEIGHT:	54,300 Lbs

LTR DATE

REVISION

BY REPRESENTATIVE:

X

PROJECT:

X

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 SqFt FIRING.



CHECKED BY

DATE

DRAWN BY

DATE

APACHE
8-5-4500-S150

SCALE

DRAWING No

1/70

X

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