



## BOILER CONNECTIONS

## RATINGS & CAPACITIES

LTR	DATE	REVISION	BY	REPRESENTATIVE:
				X
				X
				PROJECT:
				X
				X

A.(1)	STEAM OUTLET	6" 150# FLANGE
B.(4)	LWCO	1" NPT
C.(1)	SAFETY VALVE	2" NPT
D.( )	SAFETY VALVE	
E.(1)	BOILER BLOWDOWN	1 1/4" NPT
F.(1)	SURFACE BLOWDOWN	1" NPT
G.( )	MANWAY	
H.(5)	HANDHOLE	3" x 4"
J.(1)	CLEANOUT	17" ID
K.(2)	FEEDWATER	1 1/2" NPT
L.(1)	AUXILIARY/VENT	1 1/2" NPT
M.( )	LOW FIRE HOLD	
N.(1)	STACK TEMP	1/2" NPT
P.(1)	SIGHTPORT	1" NPT
Q.( )		
R.( )		
S.( )		

HORSEPOWER	80	
DESIGN PRESSURE	150 PSIG STEAM	
GROSS OUTPUT	2,678 MBH	
STEAM (FROM & AT 212F)	2,760 LB/HR	
HEAT RELEASE: (FURNACE ONLY)	171,759 BTU/CuFt	
RATED INPUT	3,347 MBH	
HEATING SURFACE (ASME)	409 SqFt	
FURNACE HEATING SURFACE	44.26 SqFt	
FURNACE VOLUME:		
FURNACE ONLY	19.49 CuFt	
STEAMING VOLUME	11.03 CuFt	
STEAM RELEASE AREA	23.53 SqFt	
WATER CAPACITY:		
(FULL)	707 Gal	● 5,880 Lbs
(NWL)	624 Gal	● 5,193 Lbs
SHIPPING WEIGHT:	8,900 Lbs	

## 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 22 GAUGE STEEL JACKET.
6. ALL DIMENSIONS  $\pm 1/2$  UNLESS OTHERWISE NOTED.
- \*7. HORSEPOWER & RELATED INFO BASED ON 5 GFT FIRING.



APACHE	BOILER MODEL
8-X-400-S15-M	

**CHECKED BY**

DATE \_\_\_\_\_

**DRAWN BY**

DAYE

**DRAWING No**

**SCALE**

x

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