



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR DATE		REVISION		BY		REPRESENTATIVE	
A.(1) WATER OUTLET	4" NPT	HORSEPOWER	100								?
B.(1) WATER RETURN	4" NPT	DESIGN PRESSURE	30 PSIG WATER								
C.(4) LWCO	1" NPT	DESIGN TEMPERATURE	250° F								
D.(1) SAFETY VALVE	2" NPT	GROSS OUTPUT	3348 MBH								
E.( ) SAFETY VALVE		HEAT RELEASE (FURNACE ONLY)	179509 BTU/CuFt								
F.(1) BOILER DRAIN	1 1/2" NPT	RATED INPUT	4184 MBH								
G.( ) WATER CIRCULATION		HEATING SURFACE (ASME)	510 SqFt								
H.(5) HANDHOLE	3"x 4"	FURNACE HEATING SURFACE	47.84 SqFt								
J.( ) MANWAY		FURNACE VOLUME:									
K.(1) CLEANOUT	17" I.D.	FURNACE ONLY	23.31 CuFt								
L.(1) AIR VENT	1 1/2" NPT										
M.(1) LOW FIRE HOLD	1" NPT										
N.(4) AQUASTAT	1/2" NPT	WATER CAPACITY:									
P.(1) AQUASTAT	3/4" NPT	(FULL) 781 Gal	6,494 Lbs								
Q.(2) STACK TEMP	1/2" NPT										
R.(1) SIGHTPORT	1" PIPE	SHIPPING WEIGHT:	9,600 Lbs								
S.( )											

**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 IV
- BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL
- ALL DIMENSIONS ARE ± 1/2" UNLESS OTHERWISE NOTED.

**APACHE**

781 GAL

BOILER MODEL  
8-5-500-W30-

SCALE  
1/36

DRAWING No  
?

CHECKED BY  
?

DRAWN BY  
?

DATE  
~~XXXX~~

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