



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR DATE		REVISION		BY		REPRESENTATIVE:	
A.(1) WATER OUTLET	10" 150# FLG	HORSEPOWER	800+							X	
B.(1) WATER RETURN	10" 150# FLG	DESIGN PRESSURE	125 PSIG								
C.(4) LWCO	1" NPT	DESIGN TEMPERATURE	250°F								
D.(2) SAFETY VALVE	2" NPT	GROSS OUTPUT	26780 MBH+								
E.(1) SAFETY VALVE	1 1/2" NPT	HEAT RELEASE: (FURNACE ONLY)	148,501 Btu/hr/CuFt.							PROJECT:	
F.(1) BOILER DRAIN	2" NPT	RATED INPUT	33475 MBH+							X	
G.(4) WATER CIRCULATION	3" NPT	HEATING SURFACE (ASME)	4022 SqFt								
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	204.07 SqFt								
J.(1) MANWAY	12" x 16"	FURNACE VOLUME:									
K.(1) CLEANOUT	17" ID	FURNACE ONLY	197.24 CuFt								
L.(1) AIR VENT	2" NPT										
M.(1) LOW FIRE HOLD	1/2" NPT										
N.(2) AQUASTAT	1/2" NPT	WATER CAPACITY:									
P.(3) AQUASTAT	3/4" NPT	(FULL) 5,111 Gal	42,512 Lbs								
Q.(1) STACK TEMP	1/2" NPT	SHIPPING WEIGHT:	59,800 Lbs								
R.(1) SIGHTPORT	1 1/4" PIPE										
S.( )											

### 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 IV.
- BOILER INSULATED WITH 2"-3" DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
- ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

**SUPERIOR**  
BOILER

CHECKED BY  
X  
DRAWN BY  
X

DATE  
DATE

THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER AND SHALL NOT BE REPRODUCED IN PART OR IN WHOLE, & NONE OF ITS INFORMATION SHALL BE REVEALED WITHOUT PERMISSION OR TO THE DETRIMENT OF THE OWNER. IT MUST BE RETURNED UPON REQUEST.

APACHE

BOILER MODEL

8-X-4000-W125-M

SCALE

1/70

DRAWING No

X