



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	1 1/2" 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	700*
DESIGN PRESSURE	150 PSIG
GROSS OUTPUT	20,085 MBH*
STEAM (FROM & AT 212°F)	20,700 Lbs/Hr*
HEAT RELEASE: (FURNACE ONLY)	148,968 BTU/CuFt*
RATED INPUT	25,108 MBH*
HEATING SURFACE (ASME)	3,058 SqFt
FURNACE HEATING SURFACE	202.42 SqFt
FURNACE VOLUME:	
FURNACE ONLY	168.53 CuFt
STEAMING VOLUME	92.81 CuFt
STEAM RELEASE AREA	99.25 SqFt
WATER CAPACITY:	
(FULL)	4,075 Gal
(NWL)	3,382 Gal
SHIPPING WEIGHT:	41,900 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"-84 MINERAL FIBER INSULATION AND JACKETED WITH 22 GAUGE STEEL.
- ALL DIMENSIONS ARE $\pm 1/2"$ UNLESS OTHERWISE NOTED.
- HORSEPOWER AND RELATED INFO BASED ON 5 SqFt. FIRING

SUPERIOR
BOILER

CHECKED BY

DATE

DRAWN BY

DATE

APACHE

BOILER MODEL

8-5-3500-S150

SCALE

DRAWING No

1/75

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