



BOILER CONNECTIONS

A.(1) STEAM OUTLET	6" 300# FLANGE
B.(4) LWC	1" NPT
C.(2) SAFETY VALVE	2" NPT
D.(1) SAFETY VALVE	2" NPT
E.(2) BOILER BLOWDOWN	1 1/4" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MAINWAY	12" x 16"
H.(6) HANDHOLE	3" x 4"
J.(1) CLEANOUT	12" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY	2" NPT
M.(1) LOW FIRE HOLD	1" NPT
N.(2) STACK TEMP	1/2" NPT
P.(1) SIGHTPORT	1" PIPE
R.(1)	
S.(1)	

RATINGS & CAPACITIES

HORSEPOWER	200*
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	6665 MBH*
STEAM (FROM & AT 212°F)	6600 Lbs/Hr*
HEAT RELEASE (FURNACE ONLY)	157662 BTU/Gal°F
RATED INPUT	8369 MBH*
HEATING SURFACE (ASME)	1029 SqFt
FURNACE HEATING SURFACE	80.83 SqFt
FURNACE VOLUME	53.11 CuFt
TURNOVER VOLUME	47.99 CuFt
STEAMING VOLUME	31.38 CuFt
STEAM RELEASE AREA	53.81 SqFt
WATER CAPACITY:	
(FULL)	1.632 Gal
(MIN.)	1.597 Gal
SHIPPING WEIGHT:	20,300 Lbs

LEN DATE

REVISION

BY REPRESENTATIVE

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PROJECT

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NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- BOILER DESIGN CODE ASME SECTION I.
- BOILER INSULATED WITH 2" - 84 DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
- ALL DIMENSIONS ARE $\pm 1/2"$ UNLESS OTHERWISE NOTED.
- HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.



CHECKED BY

DATE

DRAWN BY

DATE

SEMINOLE

BOILER MODEL

6-5-1000-S150

SCALE

DRAWING No

1/64

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