



#### BOILER CONNECTIONS

#### RATINGS & CAPACITIES

A.(1) STEAM OUTLET	6" 300# FLANGE
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	2" NPT
D.( ) SAFETY VALVE	
E.(2) BOILER BLOWDOWN	1 1/4" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MAINWAY	12" x 16"
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT PORT	17" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(1) LOW FIRE HOLD	1" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHT PORT	1" PIPE
Q.( )	
R.( )	
S.( )	

HORSEPOWER	200*
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	6695 MBH*
STEAM (FROM & AT 212°F)	6900 Lbs./HR*
HEAT RELEASE (FURNACE ONLY)	135342 BTU/CuFt*
RATED INPUT	8369 MBH*
HEATING SURFACE (ASME)	1035 SqFt
FURNACE HEATING SURFACE	94.09 SqFt
FURNACE VOLUME	61.83 CuFt
TURNAROUND VOLUME	42.09 CuFt
STEAMING VOLUME	31.36 CuFt
STEAM RELEASE AREA	53.81 SqFt
WATER CAPACITY:	
(FULL)	1,810 Gal
(NWL)	1,575 Gal
SHIPPING WEIGHT:	18,900 Lbs

LTR	DATE	REVISION

#### 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" OF INSULATION WITH 22 GAUGE STEEL JACKET.
- ALL DIMENSIONS ARE  $\pm 1/2"$  UNLESS OTHERWISE NOTED.
- HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

**SUPERIOR**  
BOILER

CHECKED BY

DRAWN BY

DATE

DATE

MOHICAN

BOILER MODEL

7-5-1000-S150

SCALE

DRAWING No

1/54

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