



#### BOILER CONNECTIONS

A.(1) STEAM OUTLET	8" 300# FLANGE
B.(4) LWCO	1" NPT
C.(4) SAFETY VALVE	2" NPT
D.( ) SAFETY VALVE	
E.(2) BOILER BLOWDOWN	2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	18" PIPE
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" NPT
Q.( )	
R.( )	
S.( )	

#### RATINGS & CAPACITIES

HORSEPOWER	1000*
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	33475 MBH*
STEAM (FROM & AT 212°F)	34500 Lbs/Hr*
HEAT RELEASE (FURNACE ONLY)	155304 BTU/CuFt*
RATED INPUT	41844 MBH*
HEATING SURFACE (ASME)	5051 SqFt
FURNACE HEATING SURFACE	276.05 SqFt
FURNACE VOLUME	269.43 CuFt
TURNAROUND VOLUME	82.98 CuFt
STEAMING VOLUME	169.32 CuFt
STEAM RELEASE AREA	152.94 SqFt
WATER CAPACITY:	
(FULL)	6,953 Gal @ 57,830 Lbs
(NWL)	5,686 Gal @ 47,295 Lbs
SHIPPING WEIGHT:	66,600 Lbs

LTR DATE

REVISION

BY REPRESENTATIVE:

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PROJECT:

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#### NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION I.
4. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- \*6. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

**SUPERIOR BOILER**

CHECKED BY

DRAWN BY

DATE

DATE

MOHICAN

BOILER MODEL

7-5-5000-S150

SCALE

1/70

DRAWING No

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