



BOILER CONNECTIONS

A.(1) STEAM OUTLET	10" 300# FLANGE
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	4" 300# FLANGE
D.() SAFETY VALVE	
E.(2) BOILER BLOWDOWN	2" NPT
F.(2) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" ID
K.(2) FEEDWATER	3" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(2) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHT PORT	1 1/4" NPT
Q.()	
R.()	
S.()	

RATINGS & CAPACITIES

HORSEPOWER	1100*
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	36823 MBH*
STEAM (FROM & AT 212°F)	37950 Lbs/Hr*
HEAT RELEASE (FURNACE ONLY)	154449 BTU/CuFt*
RATED INPUT	46028 MBH*
HEATING SURFACE (ASME)	5539 SqFt
FURNACE HEATING SURFACE	294.24 SqFt
FURNACE VOLUME	298.01 CuFt
TURNAROUND VOLUME	95.41 CuFt
STEAMING VOLUME	174.60 CuFt
STEAM RELEASE AREA	162.64 SqFt
WATER CAPACITY:	
(FULL)	8,869 Gal @ 73,766 Lbs
(NWL)	7,563 Gal @ 62,902 Lbs
SHIPPING WEIGHT:	73,700 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" - 6# 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.



CHECKED BY

DRAWN BY

DATE

DATE

MOHICAN

BOILER MODEL

7-5-5500-S150

SCALE

DRAWING No

1/86

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