



#### BOILER CONNECTIONS

#### RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) STEAM OUTLET	12" 150# FLANGE
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	3" NPT
D.( ) SAFETY VALVE	2" NPT
E.(2) BOILER BLOWDOWN	1" NPT
F.(2) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	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.(2) LOW FIRE HOLD	1" NPT
N.(2) STACK TEMP	1/2" NPT
P.(1) SIGHTPORT	1" PIPE
Q.( )	
R.( )	
S.( )	

HORSEPOWER	400
DESIGN PRESSURE	15 PSIG STEAM
GROSS OUTPUT	13390 MBH
STEAM (FROM & AT 212°F)	13800 Lbs/Hr
HEAT RELEASE: (FURNACE ONLY)	137,948 BTU/CuFt
RATED INPUT	16738 MBH
HEATING SURFACE (ASME)	2024
FURNACE HEATING SURFACE	134.85 SqFt
FURNACE VOLUME	121.33 CuFt
TURNAROUND VOLUME	56.92 CuFt
STEAMING VOLUME	70.27 CuFt
STEAM RELEASE AREA	84.61 SqFt
WATER CAPACITY:	
(FULL)	3,239 Gals @ 26,938 Lbs
(NWL)	2,713 Gals @ 22,565 Lbs
SHIPPING WEIGHT:	30,900 Lbs

#### NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION IV.
4. BOILER INSULATED WITH 2" OF INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE  $\pm 1/2"$  UNLESS OTHERWISE NOTED.

**SUPERIOR**  
BOILER

CHECKED BY

DATE

DRAWN BY

DATE

MOHICAN

BOILER MODEL

7-5-2000-S15

SCALE

DRAWING No

1/64

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