



BOILER CONNECTIONS

A.(1) STEAM OUTLET	6" 150# FLANGE
B.(4) LWCO	1" NPT
C.(1) SAFETY VALVE	3" NPT
D.() SAFETY VALVE	
E.(1) 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	17" ID
K.(2) FEEDWATER	1 1/4" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(1) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHTPORT	1 1/4" NPT
Q.()	
R.()	
S.()	

RATINGS & CAPACITIES

HORSEPOWER	150*
DESIGN PRESSURE	15 PSI STEAM
GROSS OUTPUT	5021 MBH*
STEAM (FROM & AT 212°F)	5175 LBS/HR*
HEAT RELEASE (FURNACE ONLY)	129,255 BTU/CuFt*
RATED INPUT	6277 MBH*
HEATING SURFACE (ASME)	756 SqFt
FURNACE HEATING SURFACE	79.29 SqFt
FURNACE VOLUME	48.56 CuFt
TURNAROUND VOLUME	24.35 CuFt
STEAMING VOLUME	26.07 CuFt
STEAM RELEASE AREA	49.53 SqFt
WATER CAPACITY:	
(FULL)	1520 GAL
(NWL)	1325 GAL
SHIPPING WEIGHT:	13,500 LBS

LTN	DATE	REVISION

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

SUPERIOR
BOILER

CHECKED BY

DRAWN BY

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DATE

DATE

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MOHICAN

BOILER MODEL

7-5-750-S15

SCALE

1/48

DRAWING No

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