



#### BOILER CONNECTIONS

#### RATINGS & CAPACITIES

LTR DATE

REVISION

BY

REPRESENTATIVE:

A.(1) STEAM OUTLET	10" 150# FLANGE
B.(4) LWCO	1" NPT
C.(1) SAFETY VALVE	2 1/2" NPT
D.(1) SAFETY VALVE	3" NPT
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	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) SIGHTPORT	1" NPT
Q.( )	
R.( )	
S.( )	

HORSEPOWER	300*
DESIGN PRESSURE	15 PSIG STEAM
GROSS OUTPUT	10043 MBH*
STEAM (FROM & AT 212°F)	10350 LB/HR*
HEAT RELEASE (FURNACE ONLY)	142813 BTU/CuFt*
RATED INPUT	12553 MBH*
HEATING SURFACE (ASME)	1517
FURNACE HEATING SURFACE	112.76
FURNACE VOLUME	87.90 CuFt
TURNAROUND VOLUME	39.50 CuFt
STEAMING VOLUME	43.05 CuFt
STEAM RELEASE AREA	67.22 SqFt
WATER CAPACITY:	
(FULL)	2,446 Gal @ 20,348 Lbs
(NWL)	2,124 Gal @ 17,670 Lbs
SHIPPING WEIGHT:	21,400 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" - 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.



CHECKED BY

DATE

DRAWN BY

DATE

MOHICAN

BOILER MODEL

7-5-1500-S15

SCALE

DRAWING No

1/64

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