



BOILER JUNCTION BOX

BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) STEAM OUTLET	12" 150# FLANGE
B.(4) LWCO	1" NPT
C.(3) SAFETY VALVE	3" NPT
D.(1) SAFETY VALVE	2 1/2" 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	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHT PORT	1 1/4" NPT
Q.()	
R.()	
S.()	

HORSEPOWER	600
DESIGN PRESSURE	15 PSIG STEAM
GROSS OUTPUT	20085 MBH
STEAM (FROM & AT 212°F)	20700 Lb/Hr
HEAT RELEASE (FURNACE ONLY)	128,647 BTU/CuFt
RATED INPUT	25106 MBH
HEATING SURFACE (ASME)	3016 SqFt
FURNACE HEATING SURFACE	198.67 SqFt
FURNACE VOLUME	195.16 CuFt
TURNAROUND VOLUME	64.03 CuFt
STEAMING VOLUME	109.68 CuFt
STEAM RELEASE AREA	117.54 SqFt
WATER CAPACITY:	
(FULL)	4,630 Gal
(NWL)	3,810 Gal
SHIPPING WEIGHT:	41,600 Lbs

LTR	DATE	REVISION	BY	REPRESENTATIVE:

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 AND JACKETED WITH 22 GAUGE STEEL.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.



CHECKED BY

DATE

DRAWN BY

DATE

MOHICAN

BOILER MODEL

7-5-3000-S15

SCALE

DRAWING No

1/70

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