



BOILER CONNECTIONS

RATINGS & CAPACITIES

A.(1)	STEAM OUTLET	12" 150# FLANGE	HORSEPOWER	500
B.(4)	LWCO	1" NPT	DESIGN PRESSURE	15 PSIG STEAM
C.(3)	SAFETY VALVE	3" NPT	GROSS OUTPUT	16738 MBH
D.()	SAFETY VALVE		STEAM (FROM & AT 212°F)	17250 Lbs/Hr
E.(2)	BOILER BLOWDOWN	2" NPT	HEAT RELEASE: (FURNACE ONLY)	134,287 BTU/CuFt
F.(1)	SURFACE BLOWDOWN	1" NPT	RATED INPUT	20922 MBH
G.(1)	MANWAY	12" x 16"	HEATING SURFACE (ASME)	2518
H.(5)	HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	173.32 SqFt
J.(1)	CLEANOUT PORT	17" ID	FURNACE VOLUME	155.79 CuFt
K.(2)	FEEDWATER	2" NPT	TURNAROUND VOLUME	52.96 CuFt
L.(1)	AUXILIARY/VENT	2" NPT	STEAMING VOLUME	85.52 CuFt
M.(1)	LOW FIRE HOLD	1/2" NPT	STEAM RELEASE AREA	102.97 SqFt
N.(1)	STACK TEMP	1/2" NPT	WATER CAPACITY:	
P.(1)	SIGHTPORT	1 1/4" PIPE	(FULL)	3,975 Gals @ 33,068 Lbs
Q.()			(NWL)	3,336 Gals @ 27,746 Lbs
R.()			SHIPPING WEIGHT:	36,300 Lbs
S.()				

LIR	DATE	REVISION	I	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 IV.
4. BOILER INSULATED WITH 2" OF INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE $\pm 1/2"$ UNLESS OTHERWISE NOTED.



CHECKED BY

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NAME

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MOHICAN

BOILER MODEL

7-5-2500-S15

SCALE

DRAWING No.

1/64

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