



#### BOILER CONNECTIONS

#### RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE

A.(1) STEAM OUTLET 8" 300# FLANGE	HORSEPOWER	700 HP*
B.(4) LWCO 1" NPT	DESIGN PRESSURE	150 PSIG STEAM
C.(3) SAFETY VALVE 2" NPT	GROSS OUTPUT	23433 MBH*
D.(1) SAFETY VALVE 2" NPT	STEAM (FROM & AT 212°F)	24150 LB/Hr*
E.(2) BOILER BLOWDOWN 2" NPT	HEAT RELEASE: (FURNACE ONLY)	155024 BTU/CuFt*
F.(2) SURFACE BLOWDOWN 1" NPT	RATED INPUT	29291 MBH*
G.(1) MANWAY 12" x 16"	HEATING SURFACE (ASME)	3542 SqFt
H.(5) HANDHOLE 3" x 4"	FURNACE HEATING SURFACE	208.02 SqFt
J.(1) CLEANOUT 17" ID	FURNACE VOLUME	188.94 CuFt
K.(2) FEEDWATER 2" NPT	TURNAROUND VOLUME	69.57 CuFt
L.(1) AUXILIARY/VENT 2" NPT	STEAMING VOLUME	125.86 CuFt
M.(2) LOW FIRE HOLD 1" NPT	STEAM RELEASE AREA	119.85 SqFt
N.(2) STACK TEMP 1/2" NPT	WATER CAPACITY:	
P.(1) SIGHT PORT 1" NPT	(FULL) 5.081 Gal	42,258 Lbs
Q.(1)	(NWL) 4.139 Gal	34,427 Lbs
R.(1)	SHIPPING WEIGHT:	47,300 Lbs
S.(1)		

#### NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION I.
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.

**SUPERIOR**  
BOILER

MOHICAN

BOILER MODEL

7-5-3500-S150

SCALE

1/70

CHECKED BY

DRAWN BY

?

DATE

DATE

DRAWING No

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