



BOILER CONNECTIONS

RATINGS & CAPACITIES

A.(1) STEAM OUTLET 4" 300# FLANGE	HORSEPOWER 100*
B.(4) LWCO 1" NPT	DESIGN PRESSURE 150 PSIG STEAM
C.(2) SAFETY VALVE 1 1/2" NPT	GROSS OUTPUT 3348 MBH*
D.(1) SAFETY VALVE 1 1/2" NPT	STEAM (FROM & AT 212°F) 3450 Lbs/Hr*
E.(1) BOILER BLOWDOWN 1 1/4" NPT	HEAT RELEASE: (FURNACE ONLY) 148486 BTU/CuFt*
F.(1) SURFACE BLOWDOWN 1" NPT	RATED INPUT 4184 MBH*
G.(1) MANWAY 12" x 16"	HEATING SURFACE (ASME) 509 SqFt
H.(5) HANDHOLE 3" x 4"	FURNACE HEATING SURFACE 65.07 SqFt
J.(1) CLEANOUT 17" ID	FURNACE VOLUME 28.18 CuFt
K.(2) FEEDWATER 1 1/4" NPT	TURNAROUND VOLUME 18.44 CuFt
L.(1) AUXILIARY/VENT 1 1/2" NPT	STEAMING VOLUME 21.28 CuFt
M.(1) LOW FIRE HOLD 1" NPT	STEAM RELEASE AREA 43.28 SqFt
N.(1) STACK TEMP 1/2" NPT	WATER CAPACITY:
P.(1) SIGHT PORT 1" PIPE	(FULL) 1.277 Gal @ 10,619 Lbs
Q.()	(NWL) 1.118 Gal @ 9,296 Lbs
R.()	SHIPPING WEIGHT: 11,600 Lbs
S.()	

LTR	DATE	REVISION	BY	REPRESENTATIVE
				?
				PROJECT:
				?

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.



CHECKED BY

DATE

DRAWN BY

DATE

MOHICAN

BOILER MODEL

7-5-500-S150

SCALE

DRAWING No

1/45

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