



#### BOILER CONNECTIONS

#### RATINGS & CAPACITIES

LTR DATE

REVISION

BY

REPRESENTATIVE:

A.(1) STEAM OUTLET	3" NPT	HORSEPOWER	80
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM
C.(1) SAFETY VALVE	1 1/2" NPT	GROSS OUTPUT	2678 MBH
D.(1) SAFETY VALVE		STEAM (FROM & AT 212°F)	2760 LB/HR
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE (FURNACE ONLY)	151166 BTU/CuFt
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	3348 MBH
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	412 SqFt
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	51.04 SqFt
J.(1) CLEANOUT	17" ID	FURNACE VOLUME:	
K.(2) FEEDWATER	1 1/4" NPT	FURNACE ONLY	22.12 CuFt
L.(1) AUXILIARY/VENT	1 1/2" NPT	STEAMING VOLUME	12.64 CuFt
M.(1) LOW FIRE HOLD		STEAM RELEASE AREA	26.96 SqFt
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:	
P.(1) SIGHT PORT	1" NPT	(FULL)	834 Gal @ 6,937 Lbs
Q.(1)		(NWL)	739 Gal @ 6,151 Lbs
R.(1)		SHIPPING WEIGHT:	9,300 Lbs
S.(1)			

#### NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- REAR DOOR SWING:
  - MIN SIDE, MAX REAR
  - MAX SIDE, MIN REAR
- BOILER DESIGN CODE ASME SECTION I.
- BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
- ALL DIMENSIONS ARE  $\pm 1/2"$  UNLESS OTHERWISE NOTED.

**SUPERIOR**  
BOILER

CHECKED BY

DATE

DRAWN BY

DATE

MOHAWK

BOILER MODEL

4-X-402-S150

SCALE

DRAWING No

1/42

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