



#### BOILER CONNECTIONS

#### RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE

A.(1) STEAM OUTLET 12" 150# FLANGE  
B.(4) LWCO 1" NPT  
C.(2) SAFETY VALVE 2 1/2"  
D.(5) SAFETY VALVE 3"  
E.(2) BOILER BLOWDOWN 2" NPT  
F.(1) SURFACE BLOWDOWN 1" NPT  
G.(1) MANWAY 12" x 16"  
H.(4) 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" PIPE  
Q.( )  
R.( )  
S.( )

HORSEPOWER 1000\*  
DESIGN PRESSURE 15 PSIG STEAM  
GROSS OUTPUT 33475 MBH\*  
STEAM (FROM & AT 212°F) 34500 LB/HR\*  
HEAT RELEASE (FURNACE ONLY) 150,810 BTU/CuFt\*  
RATED INPUT 41844 MBH\*  
HEATING SURFACE (ASME) 5008 SqFt  
FURNACE HEATING SURFACE 271.00 SqFt  
FURNACE VOLUME:  
FURNACE ONLY 277.46 CuFt  
STEAMING VOLUME 169.32 CuFt  
STEAM RELEASE AREA 152.94 SqFt  
WATER CAPACITY:  
(FULL) 7,530 Gal @ 62,634 Lbs  
(NWL) 6,264 Gal @ 52,099 Lbs  
SHIPPING WEIGHT: 64,000 Lbs

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#### NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- REAR DOOR SWING:  
(1) MIN SIDE, MAX REAR  
(2) MAX SIDE, MIN REAR
- BOILER DESIGN CODE ASME SECTION IV
- BOILER 2" INSULATION IS JACKETED IS WITH 22 GA STEEL.
- ALL DIMENSIONS ±1/2 UNLESS OTHERWISE NOTED.
- \*7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

**SUPERIOR BOILER**

CHECKED BY  
?  
DRAWN BY  
?

DATE  
DATE

MOHAWK

BOILER MODEL

4-X-5000-S15-M

SCALE

DRAWING No

1/86

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