



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) WATER OUTLET 10" 150# FLG	HORSEPOWER 400
B.(1) WATER RETURN 10" 150# FLG	DESIGN PRESSURE 30 PSIG
C.(4) LWCO 1" NPT	DESIGN TEMPERATURE 250°F
D.(2) SAFETY VALVE 2" NPT	GROSS OUTPUT 13,390 MBH
E.(2) SAFETY VALVE 1 1/2" NPT	HEAT RELEASE: (FURNACE ONLY) 140,191 Btu/hr/CuFt
F.(1) BOILER DRAIN 2" NPT	RATED INPUT 16,738 MBH
G.(4) WATER CIRCULATION 2 1/2" NPT	HEATING SURFACE (ASME) 2,015 SqFt
H.(4) HANDHOLE 3" x 4"	FURNACE HEATING SURFACE 138.37 SqFt
J.(1) MANWAY 12" x 16"	FURNACE VOLUME:
K.(1) CLEANOUT 17" ID	FURNACE ONLY 119.19 CuFt
L.(1) AIR VENT/AUXILIARY 2" NPT	
M.(1) LOW FIRE HOLD 1/2" NPT	
N.(4) AQUASTAT 1/2" NPT	
P.(1) AQUASTAT 3/4" NPT	
Q.(1) STACK TEMP 1/2" NPT	
R.(1) SIGHT PORT 1 1/4" NPT	
S.()	

WATER CAPACITY:
(FULL) 2964 Gal @ 24,652 Lbs

SHIPPING WEIGHT: 33,200 Lbs

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 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

R. WITHROW

11-18-03

MOHAWK

BOILER MODEL

5-5-2007-W30-

SCALE

DRAWING No

1/62

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