



#### BOILER CONNECTIONS

#### RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) WATER OUTLET	4" NPT	HORSEPOWER	80*
B.(1) WATER RETURN	4" NPT	DESIGN PRESSURE	30 PSIG WATER
C.(4) LWCO	1" NPT	DESIGN TEMPERATURE	250° F
D.(1) SAFETY VALVE	2" NPT	GROSS OUTPUT	2678 MBH*
E.(1) SAFETY VALVE		HEAT RELEASE: (FURNACE ONLY)	143607 BTU/CuFt*
F.(1) BOILER DRAIN	1 1/2" NPT	RATED INPUT	3348 MBH*
G.(1) WATER CIRCULATION		HEATING SURFACE (ASME)	407 SqFt
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	47.81 SqFt
J.(1) MANWAY		FURNACE VOLUME:	
K.(1) SIGHTPORT	1" PIPE	FURNACE ONLY	23.31 CuFt
L.(1) AIR VENT	1 1/2" NPT		
M.(1) LOW FIRE HOLD	1" NPT		
N.(4) AQUASTAT	1/2" NPT	WATER CAPACITY:	
P.(1) AQUASTAT	3/4" NPT	(FULL)	825 Gal @ 6,861 Lbs
Q.(2) STACK TEMP	1/2" NPT		
R.(1)		SHIPPING WEIGHT:	9,100 Lbs
S.(1)			

#### NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. REAR DOOR SWING:
  - (1) MIN SIDE, MAX REAR
  - (2) MAX SIDE, MIN REAR
4. BOILER DESIGN CODE ASME SECTION IV
5. BOILER INSULATED WITH 2"-8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
6. ALL DIMENSIONS ARE  $\pm 1/2"$  UNLESS OTHERWISE NOTED.
7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

**SUPERIOR**  
BOILER

CHECKED BY

DATE

DRAWN BY

DATE

MOHAWK

BOILER MODEL

4-5-402-W30-X

SCALE

DRAWING No

1/40

?

THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER WORKS & SHALL NOT BE REPRODUCED IN PART OR IN WHOLE, & NONE OF ITS INFORMATION SHALL BE REVEALED WITHOUT PERMISSION OR TO THE DETRIMENT OF THE OWNER. IT MUST BE RETURNED UPON REQUEST.