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High Temp Oven Model HT464

## **High Temperature Oven Model #HT464 96 Cubic Ft.**

**This oven is designed to operate at 1000°F maximum temperature and includes the following special features:**

### **High Temp Batch Oven Specifications:**

Effective Work Area: 48" W x 48"D x 72"H

External Dimensions: 92"W x 72"D x 120"H

KW: 75 KW

Recirculation Fan: 3100 CFM; 3 HP

Electric: TBD

- 8" Thick Insulated Walls, Ceiling, and Floor
- 1" Stainless Circulation Fan
- CRS exterior painted machine gray
- Stainless Steel Interior
- UL Listed Control Panel
- Electronic single set point temperature controller
- High Limit
- Eagle signal timer

## **Oven Construction**

### **Outside:**

Oven to be constructed of heavy gauge carbon steel and structural members, painted machine grey

### **Inside:**

Oven interior to be constructed of Type 304 Stainless Steel

### **Floor:**

The oven floor will be designed to hold a maximum capacity of 1500 Lbs evenly distributed.

### **Circulation System:**

One 30 inch Dia fan and shaft, Horizontal airflow from right to left.

### **Heating System:**

30- 2500 Watt heaters will be housed in the plenum area to heat the air to the desired temperature. The heat will be controlled by an SCR located in the control panel

### **Doors:**

The oven will have two doors held closed by FM approved slam latches.

### **Control Console:**

The control panel for the oven will be on the right hand side of the chamber. The panel will house the electrical components and be NEMA 1 and UL rated.