



Date: 12/04/2020  
Proposal: 12103

SUBJECT: Oven Model #HD496TULE480V30KW

The oven is designed to operate at 500°F maximum temperature and includes the following special features:

- 4.5" thick insulated walls, ceiling and 3/16" plate floor
- 1-24" Circulation fan
- CRS exterior painted machine gray
- Aluminized interior
- UL listed Control Panel, **480/3/60 primary power**
- Watlow PM6 single set point digital control
- Watlow PM6 high limit
- Batch timer
- 140 cfm forced exhaust
- Normal operating 400F Uniformity +/- 10F
- Thermocouple port

**FREIGHT:**

1. All freight costs are paid by purchaser or by the end user.

**PAYMENT SCHEDULE: Provide ONLY**

50% due with Purchase Order

50% due 5 days prior to shipping

**New System Warranty - Customer Installed Equipment**

JPW products include a warranty on parts for twelve (12) months and (90) days Labor from the date of shipping. Outside US (12) months parts only

**Delivery:**

Estimated delivery is 4 weeks after receipt of accepted approval drawings, and of complete information necessary to proceed with the work. The estimated delivery will be confirmed when we receive your purchase order.



## **Batch Oven Specifications:**

Effective Work Area .....	_4_ ' _0_ " W x _6_ ' _0_ " H x _4_ ' _0_ " L
External Dimensions.....	_6_ ' _8_ " W x _9_ ' _0_ " H x _5_ ' _0_ " L
KW .....	_30_ KW
Recirculation Fans 1 @.....	_2400/Ea_ CFM; _1.5_ HP-
Electric.....	o 480/3/60, _42_ amps, recommend a 60-amp breaker

### **Oven Construction:**

#### **Outside:**

Oven to be constructed of heavy gauge carbon steel and painted a machine gray

#### **Inside:**

Oven to be constructed of Aluminized steel.

### **Circulation system:**

1-24" Dia fan will be driven direct by a 1.5 hp TEFC motor. The airflow will be horizontal from right to left side. The pressure and return walls will be louvered for adjustability. The circulation air will be monitored by a pressure differential switch in the event of the loss of circulation air the heating system will shut down.

### **Heating system:**

12- 2500W Incoloy sheathed heating elements will be housed in the plenum to heat the air to desired temperature.

### **Doors:**

The unit 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 from facing the front. The panel will house the electrical components and be NEMA 1 and UL rated



**Intake and exhaust:**

The unit will have a 4" dia natural intake and a 140 cfm forced exhaust.