



Machinery for the Woodworking, Stone,  
Glass, Plastic, and Metalworking Industries



**Date :** 04/17/2024 - 11:22 AM \*  
**EXF # :** FO-300005  
**Category :** FINISHING-OVENS & CURING  
**Brand / Model :** WEB MECHANICAL "HYDRONIC OVEN"  
**Machine Type :** OVEN (HOT WATER)  
**Year of Mfg. :** 2024  
**Condition :** Brand New w/Warranty  
**Elect / Voltage :** 575 V, 60 Cy, 3 Ph.  
**Special Note :**

**FOB / Region :** EASTERN CDN  
**Appr. Repl. Cost. :** \$ 99,500  
**Price :** \$ 0 \*  
**Comment :** Designed by top rated  
Finishing Equip. Engineer!  
**Leasing :** Call for Quote

\* Pricing is valid at the time of printing and subject to change at any time.

**Description :**

- **WEB MECHANICAL HYDRONIC OVEN - Low Velocity Flash Off - STAGE # 1 and High Velocity Bake Oven - STAGE # 2**

**STAGE # 1, Low Velocity Flash Off Oven.**

- The oven consist of one (1) only hot water oven, 14' wide x 9' high x 30' long with Air flow requirement of 30 FPM/ 9,000 CFM.

**Supply side complete with the following:**

- 400 000 BTUH heat exchanger
- Motor/blower, 2 HP 575 V / 3 Ph / 60 Hz



Please ask me

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- Thermometer to show outlet temperature
- Thermostat to set and control temperature to design temperature
- RTD's (1) for accurate oven dispersion temperature
- Eighteen gage galvanized steel panels
- Perforated metal side walls for even air distribution
- Design temperature of 30 -40°C
- Adjustable inlet mixing damper with intake filter (70% recycle)
- Exhaust fan for combustible gases

**Exhaust will be complete with the following:**

- Size 14 direct drive aluminum fan wheelset to exhaust 30% of the contaminated airflow (2,500 CFM)
- Direct drive with the motor out of air stream
- External grease fittings
- Fan module c/w aluminum extrusions and galvanized panels, and will be complete with HEPA style filter,
- DWDI fan, space for hot water heat exchanger

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## **STAGE 2 HIGH-VELOCITY OVEN BAKE**

**The oven consist of one (1) only hot water oven, 14' wide x 9' high x 20' long with Air flow requirement of 50 FPM/ 9,000 CFM**

**Supply side will be complete with the following:**

- 1,500,000 BTUH heat exchanger
- 10,000 CFM
- Motor/ blower 5 HP 575v / 3 Ph / 60 Hz
- Thermometer to show outlet temperature
- Thermostat to set and control temperature to design temperature
- Eighteen gage galvanized steel panels c/w 3" insulation
- Perforated metal side walls for even air distribution
- Design temperature of 40 - 60C 104 - 140 F
- Adjustable inlet mixing damper with intake filter (85% recycle)
- Exhaust fan for combustible gases

**Exhaust will be complete with the following:**

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- Size 12 direct drive aluminum fan wheelset to exhaust 15% of the contaminated airflow (1,500) CFM)
- Direct drive with motor out of air stream
- External grease fittings

There will be two (2) air knives one at start of the oven and one at the exit to control heat and fume exhaust

Air knives will be complete with Multivue filters for inlet air

Fan module c/w aluminum extrusions and galvanized panels will be complete with HEPA style filters, DWDI fan, space for hot water heat exchanger.

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