

Pacific Kiln New Generation Double Door Wax Burnout Furnace



This completely new furnace was built in June 2016. The afterburner is a CAT III with air injection. All components are new. Unit was completely factory tested and adjusted. *Factory guarantee of condition and operation.*

Available for delivery 3-4 weeks from order date.

Contact your R&R Regional Sales Manager for a quote today!

Model No.: PBF-352NG-DD

Load Area: 61" wide x 86" deep x 58" high (x2); two (2) load areas, side-by-side, single temperature control zone

Maximum Operating Temperature: 2200 °F

Normal Operating Temperature: 2000 °F

Electrical: 460 VAC, 3PH, 60 HZ, 60 Amps

Natural Gas Pressure Required: 1 PSI minimum, 5 PSI maximum

Afterburner: Category III with air injection. This afterburner is designed to reduce VOC and particulate emissions 99%+ with a maximum mold wax load of 45 lbs. and a maximum burn rate of 9.0 lbs. per minute. Documentation is included for air quality permit application.

Burner System:

- Main burners: six (6) Eclipse Thermjet burners (500,000 BTU/H max. each)
- Afterburners: two (2) Pacific Kiln 4" burner (1,050,000 BTU/H max. each)
- Flame safety: 100% Fireye Flame Safe with purge, auto ignition and air safety

Temperature Control:

- Yokogawa UP55A-022-11-00 programmable controller
- Dual fully modulated air/gas burner control for low and high temperature operation

Options Included On This System:

- High limit safety controllers: Yokogawa UT35A-L00-11-00
- 2" safety fuel train
- Automatic furnace pressure control damper system
- Automatic door safety latches
- Type "S" thermocouples
- 15" HMI touch screen, Allen Bradley PLC and Square D components
- Dual temperature control system for low temperature (800-1200 °F) and high temperature control (1200-2000 °F)
- Complete manuals and documentation, including assembly, installation, operation and maintenance instructions

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Issue Date: 021717

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