

JACKSON OVEN SUPPLY, INC.

JOS bench ovens are user friendly and designed to operate at temperatures up to 400F.

TYPICAL APPLICATIONS

JOS bench ovens are designed for shelf processing a wide variety of applications:

- Baking
- Drying
- Preheating
- Curing

“Pictures include optional exhaust fan and oven stand”



STANDARD FEATURES

CONTROLS

- Digital temperature controller
- Motor control push buttons

SAFETY COMPONENTS

- Excess temperature control, adjustable
- Recirculating blower air pressure switch
- Independent contactors for heating elements

CONSTRUCTION

- Steel steel interior
- Painted aluminized steel exterior
- Explosion venting latches
- 2” 8 lb/cf density insulated
- Silicone rubber door gasket
- Incoloy sheathed tubular heating elements
- Two (2) stainless steel shelves
- Stainless steel channel shelves support
- Adjustable fresh air intake and exhaust dampers

APPLICABLE CODES

NFPA86
Industrial Risk Insurers
Factory Mutual
OSHA

“Every oven fully assembled and factory test fired”

IMPORTANT

If flammable solvents or vapors are present in a Batch Oven, OSHA requires conformance with NFPA 86 which defines Batch Ovens for these applications as Class A ovens. A powered forced exhauster and other non-standard safety equipment must be added. Speak with your representative for clarification and direction.

OPTIONS AVAILABLE

- Exhaust Fan driven by a 1/8 hp motor with 3" diameter discharge
- Batch timer for setting desired cycle times, oven continues to run
- Programmable temperature controller for programming times and temperatures
- Additional shelves with 50 lb capacity
- Temperature recorder, single pen for recording temperature throughout cycle
- Oven stand to elevate oven 24" working height
- Shut down timer, shuts oven off at end of cycle



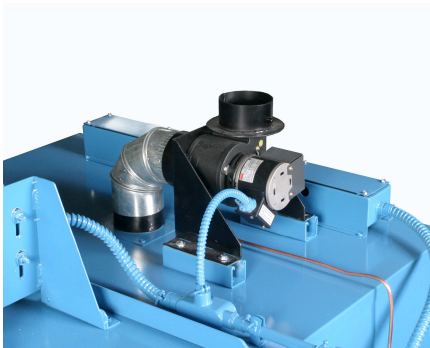
OPTIONAL PROGRAMMABLE TEMPERATURE CONTROLLER

The MIC 6000 is a 1/4 DIN, microprocessor based, single loop, profiling, process controller. It can function either as a basic process controller, utilizing manual set-point changes or it can also execute any one of eight set-point profiles; each profile can have six ramp and six soak segments.

Using the instrument's security-access mode may restrict access to configuration parameters and set-point.

OPTIONAL TEMPERATURE RECORDER

Designed with the latest innovations in recording technology, enclosures and functionality, the MRC 5000 is slim, trim and simple. The MRC 5000 is a digital circle chart recorder capable of measuring, recording and controlling (optional) up to two process variables from a variety of inputs.



OPTIONAL EXHAUST FAN

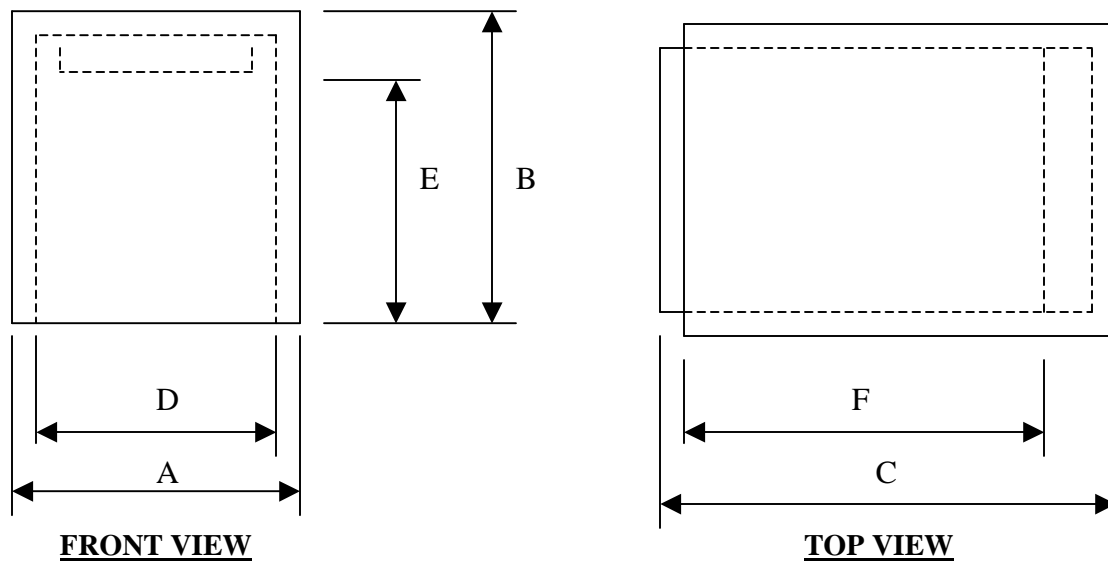
90 CFM Exhaust fan with 1/8 hp motor. 3" diameter fan discharge includes adjustable damper

JACKSON OVEN SUPPLY, INC.

Industrial Ovens · Parts · Service

3507 Wayland Dr · Jackson · MI · 49202 · Phone 517-784-9660 · Fax 517-784-9670

www.jacksonoven.com



| SPECIFICATIONS 500F | | | | | | | | | | |
|---------------------|--------------------------------------|--------|-------|--------------------------------------|--------|-------|--------|-------------------|-------|-----------------------|
| MODEL NO | NOMINAL EXTERNAL DIMENSIONS (INCHES) | | | NOMINAL INTERNAL DIMENSIONS (INCHES) | | | HEATER | RISE TIME MINUTES | | APPROX. WEIGHT POUNDS |
| | A | B | C | D | E | F | | KW | ELECT | |
| | WIDTH | HEIGHT | DEPTH | WIDTH | HEIGHT | DEPTH | | | | |
| 3303 | 40 | 40 | 44 | 36 | 36 | 36 | 10 | 30 | 2,200 | |
| 3403 | 40 | 52 | 44 | 36 | 48 | 36 | 12 | 30 | 2,500 | |

NOTES: All specifications are nominal and subject to change without notice
 All Models—Control panel overhang 12" right side.
 Blower motor overhang 19" top

JACKSON OVEN SUPPLY, INC.

Industrial Ovens · Parts · Service

3507 Wayland Dr · Jackson · MI · 49202 · Phone 517-784-9660 · Fax 517-784-9670

www.jacksonoven.com