



**Low Profile**

Model: HEC12L

### (12) Drum High-Performance Oven, Electric

LEWCO High-Performance Drum & Tote Ovens provide 25% faster heat-up times and, by design, are safer than traditional Hot Boxes. These models employ a high-velocity fan, which pulls air from the oven workspace, circulates it over the heating elements, and then delivers it at a highly convective rate back to the oven workspace. The Low Profile design allows for convenient loading with a pallet jack or drum dolly. As standard, High-Performance Ovens are designed and manufactured to meet the requirements of NFPA 86, Class B ovens. This model is not suitable for applications involving the off-gassing of flammable volatiles, or for installation in electrically hazardous locations. Consult factory for non-standard features required for compliance with NFPA 86, Class A ovens.

#### Capacity

- (12) 55-gallon drums palletized
- 2,700 lbs. per pallet

#### Operating Temperature

- 125°F - 300°F
- Optional: 450°F
- Consult factory for applications below 125°F

#### Construction/ Features

- Welded, 1/8" steel shell
- Optional: Stainless steel
- 12 ga. Plate steel floor
- Insulation: 4" x 6# mineral wool
- Heavy duty doors with strap hinges, 2-point latch system, and high-temperature silicone rubber gaskets create a tight seal for efficient heating.
- Interior door release for safety

#### Finish

- Blue or gray alkyd enamel
- Optional: Premium finish for corrosive environments.

#### Heat Source & Capacity

- Electric, low watt density Incoloy® heaters provide years of trouble-free service.
- 54 kW

#### Circulating Fan

- 2,500 CFM, 2 HP. TEFC motor

#### Controls

- Single set-point temperature controller and redundant high-limit controller.
- NEMA 12 enclosure with full voltage lockable disconnect switch.
- Circulation fan(s) include air proving circuits that are electrically interlocked with the heating circuit.
- Controls are wired to NFPA 70 and 79 electrical standards, and meet the requirements of NFPA 86, Class B ovens.
- Optional:
  - Batch Timer
  - Data Logger
  - Door Switch
  - Ramp/ Soak Controller

#### Electrical Requirements

- Voltage: 480/3/60
- Disconnect: 100 amps
- Other voltages available

#### Shipping & Installation

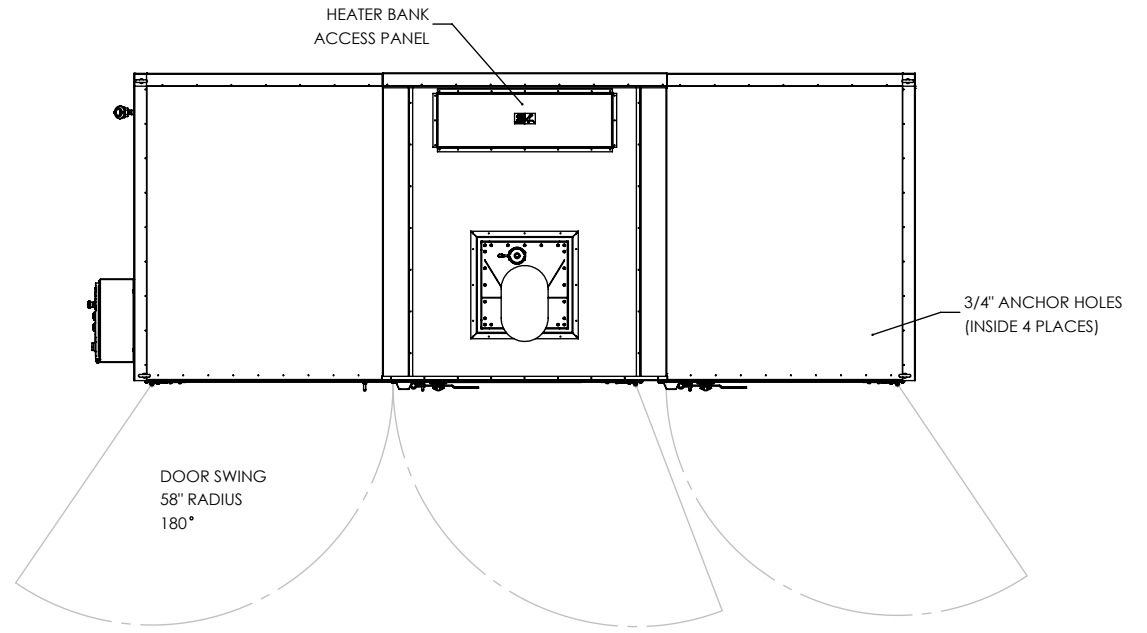
- Ships completely assembled.
- Shipping weight: 6,000 lbs.
- Suitable for indoor use only.

#### Additional Options

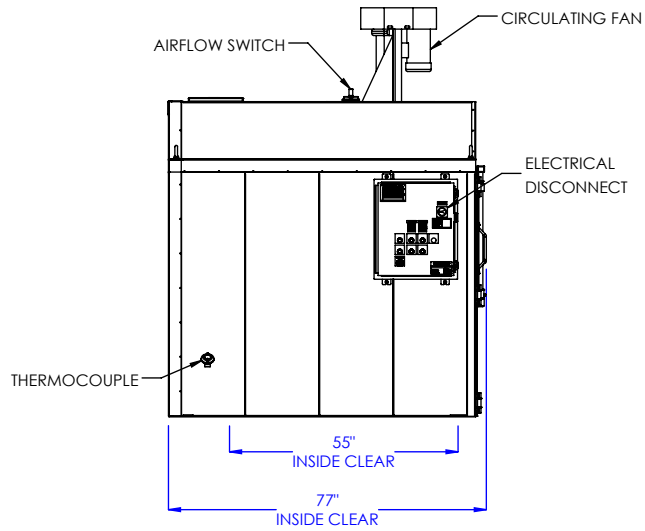
- Exhaust Fan: 250 CFM, ¼ HP. TEFC motor
- NFPA 86 Class A rating
- UL or CSA Certification
- Custom sizes and features available. Please consult a LEWCO Applications Engineer for more information.

#### Quality Assurance

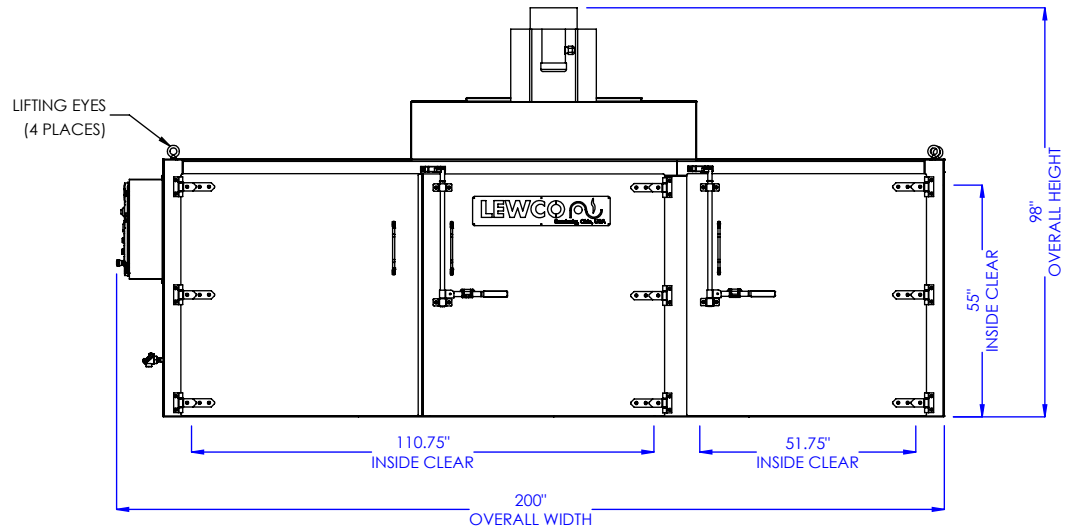
- Each unit comes complete with a (3) year warranty and is fully assembled, wired, and tested prior to shipment.



PLAN VIEW



LEFT SIDE ELEVATION



FRONT ELEVATION

MODEL: HEC12L

DESCRIPTION: HIGH-PERFORMANCE ELECTRIC OVEN,  
12 DRUM, LOW PROFILE

**WARNING:** OVENS PROCESSING FLAMMABLE VOLATILES OR COMBUSTIBLE MATERIALS REQUIRE SPECIAL NON-STANDARD SAFETY FEATURES TO COMPLY WITH NFPA 86, "CLASS A" OVENS. KNOW THE PROPERTIES OF THE MATERIALS BEING HEATED. EXPLOSION OR FIRE MAY RESULT FROM MISAPPLICATION.

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**LEWCO**

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