



BakerSeries Electric, Roll-in [Single] Rack Oven

Item No. _____
 Project _____
 Quantity _____

MODEL: LRO-1E



Model LRO-1 Shown
 (Rack not included)

MODEL / RACK CAPACITY

| Maximum Capacity | |
|---------------------------------|-----|
| 18" x 26" Full-size Sheet Pans* | 20 |
| 12" x 20" x 4" Hotel Pans** | 20 |
| 1 Lb. Loaves of Bread | 100 |
| 1 1/2 Lb. Loaves of Bread | 75 |

* Based on 3" spacing

** Based on 6" Spacing

Short Bid Specification:

Rack oven shall be an **LBC Bakery Equipment Model LRO-1E** 39kW electrically heated rotating, single rack capacity unit with; oversized low at density heating elements; gravity feed waterfall type steam generation system; 5" thick compartment insulation rated at 0" combustible wall clearance; heavy-duty rack lift and rotate system with gear driven rotation system; simple solid state controls, with digital time-temperature readouts, 5 event menu programs for time, temperature, steam, vent and blower function, 60-menu program memory; an integrated hood meeting NFPA 96 and Type I & II construction standards, plus all the features listed:

STANDARD PRODUCT WARRANTY

One-Year Parts and Labor (contiguous US Including Alaska and Hawaii, Canada)

Construction Features

- Heavy duty stainless steel interior
- Oversized low watt density heater elements
- Cooking compartment insulated with 5" thick high-temp insulation
- Fully integrated hood with single point exhaust connection
- Automatic, heavy-duty "B" style lift and rotate system
- Heavy-Duty gear driven rotation system
- Cooking chamber illuminated by externally mounted florescent lamp
- Heavy-duty door with 9.75" x 57.5" viewing window
- Interior door safety release mechanism
- Accommodates one single rack

Performance Features

- 200-550 Degree F temperature range
- Low watt density elements operate at lower temperatures for extended life
- High volume gravity feed, waterfall type steam system
- Adjustable air circulation louvers
- Self adjusting slip clutch protects operator and prevent component damage
- Automatic rack stop and lower when door is opened
- Floor level loading without ramps

Integrated Hood Features and Performance

- Meets the requirements of NFPA 96 & UMC requirements for Type I & II Hoods, fire systems, when required, shall be by others.
- 20 Ga stainless steel body
- 8" round collar, velocity:1,520 FPM @ 530 CFM, 1.0"wc (roof vent not included)
- 4.5 square feet of capture area, filter velocity of 120 FPM, .03" wc @ 530 CFM

Controls Package

- Digital controls with large LED readouts for Time and temperature
- Large LCD event screen for programming and oven status
- 60- Item programmable memory, with 5-events per item
- Simple manual program for time, temp., steam and vent
- Infrared port for uploading and downloading programs
- Flash type programming for revision updates without replacing PCB



Sheet Number LRO-1E v 13 (rev 10/07)

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INSTALLATION REQUIREMENT

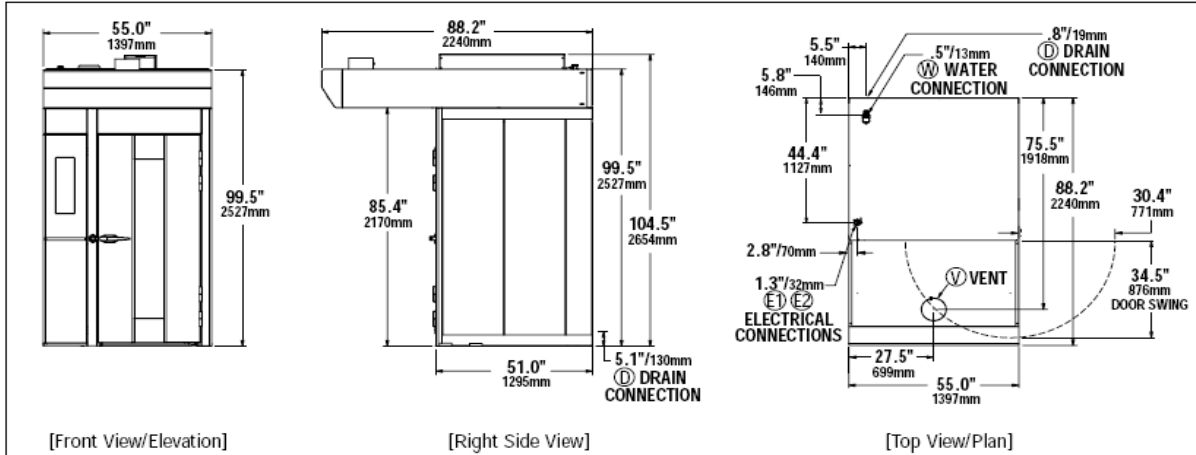
Oven ships one-piece but can be split for movement through 36" opening

1/2 " EMT Connection to E1 = 120 VAC 1-Phase for controls and lift and rotate, 1 1/4" EMT Connection to E2 208-240 VAC 3-Phase for circulation blower and heaters

- 1/2" NPT Water Connection
- 3/4" NPT Vented drain
- 8" Round vent collar (consult local codes for installation requirements) Roof vent not included

OPTIONS & ACCESSORIES

Single Oven Racks



| Model | Height x Width x Depth* | Clearance from combustible surfaces** | Weight | | Freight Class |
|--------|-------------------------|---------------------------------------|--------|----------|---------------|
| | | | Actual | Shipping | |
| LRO-1E | 104.5" x 55.0" x 88.2" | Sides 0" Back 0" | 2500 | 2900 | 70 |

* 112" ceiling clearance required for tip-up ** Noncombustible floor supported by Noncombustible structure

| Model | Electrical Requirements | | | | | Water | Drain |
|--------|-------------------------|----------------|----------|-------|-------------|------------------------------|-------------------------------|
| | Connection | Voltage | Total kW | Phase | Amps / Line | | |
| LRO-1E | E-1 | 120 VAC / 60Hz | 1.5 | 1 | 12 | 1/2" NPT (9 GPM @ 40 PSI) | 3/4" NPT (210F, 1 GPM max) |
| | E-2 | 208 VAC/60Hz | 39 | 3 | 117 | | |
| | | 240 VAC/60Hz | 39 | 3 | 101 | | |
| | | 480 VAC/60Hz | 39 | 3 | 45 | | |

IMPORTANT: Your local water conditions may damage your LBC appliance. Failure to properly treat water may result in damage and may void your warranty. Ensure that your water supply meets these minimum water quality specification.

| Parameter | Unit | Value |
|------------------------|------|-------|
| Alkalinity | ppm | 22 |
| Aluminum | ppb | 17 |
| Calcium | ppm | 3.3 |
| Free Chlorine Residual | ppm | 0.6 |

| Parameter | Unit | Value |
|----------------|------|-------|
| Magnesium | ppm | 0.65 |
| pH | s.u. | 8.5 |
| Sodium | ppm | 8.5 |
| Total Hardness | ppm | 11.9 |