



Item No. \_\_\_\_\_  
 Project \_\_\_\_\_  
 Quantity \_\_\_\_\_

**BakerSeries Electric, Roll-in [Single] Rack Oven**

**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** 40.8kW electrically heated rotating, single rack capacity unit with; oversized low at density heating elements; 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:

**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
- . 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, 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 (exhaust vent not included)
- . 4.5 square feet of capture area, filter velocity of 120 FPM, .03" wc @ 530 CFM

**Controls Package**

- . **Standard Graphic Display Control**
  - . Manual or programable modes
  - . 60-programable receipe w/ 5-events per receipe
  - . Infrared port for uplaoding and downloading programs
  - . Flash type software updating
  - . Large LCD event screen for programing and oven status
  - . Auto On / Off
  - . Cool-down feature
  - . Optional PC - USB flash drive programing port (standard control only)
- . **Optional LED Display Control**
  - . 99-Programable Recipes
  - . Single Event
  - . Steam / Vent / Blower delay or pulse



NSF Standard 4

Sheet Number LRO-1E v 19 (rev 05/11)

**STANDARD PRODUCT WARRANTY**

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

## BakerSeries Electric Roll-in Rack Oven

## MODEL: LRO-1E

### INSTALLATION REQUIREMENT

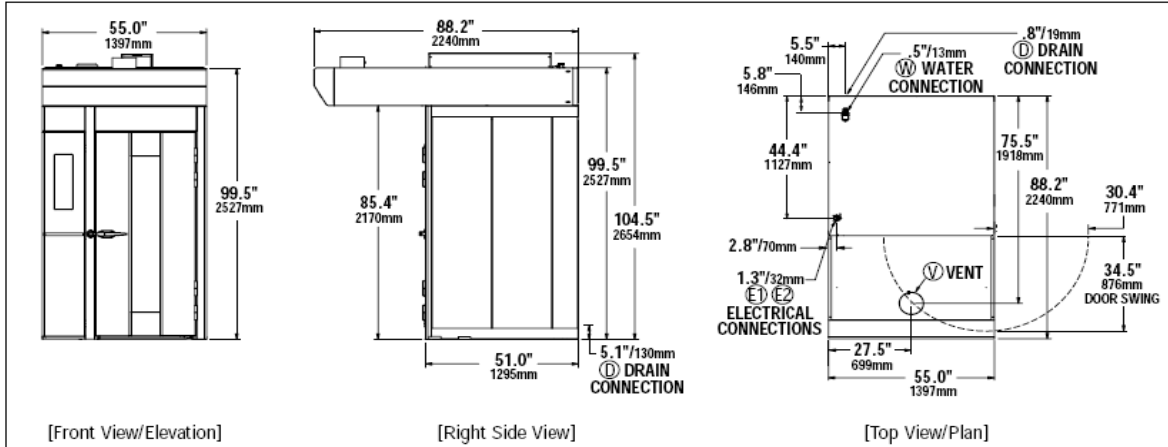
Oven ships one-piece but can be split for movement through 36" opening

1/2 " EMT Connection to E1 = 120 VAC 1-Phase for controls and lift and rotate, 1 1/4" EMT Connection to E2 208-240-480 VAC 3-Phase for heat and motor circuit

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

### OPTIONS & ACCESSORIES

Single Oven Racks      Manual Back-up      Correctional Package



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
<b>Shipping Dimensions = 113" L x 62" W x 64" H Ships In One Crate</b>					

\* 112" ceiling clearance required for tip-up \*\* Noncombustible floor supported by Noncombustible structure  
No Buried Utilities

Model	Electrical Requirements 3-Phase Ovens					Water	Drain
	Connection	Voltage	Total kW	Min Circuit Ampacity	Max Circuit Ampacity		
LRO-1E	E-1	120 VAC / 60Hz	1.5	15	20	1/2" NPT (9 GPM @ 40 PSI)	3/4" NPT (210F, 1 GPM max)
	E-2 3-Phase	208 VAC 60Hz	40.8*	145	175		
		240 VAC / 60Hz	40.8*	125	175		
		480 VAC / 60Hz	40.8*	65	175		

\* 39 kW Heat Load, 1.8kW Motor Load

**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