



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

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

**MODEL: LRO-1G**



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-1G** 175,000 BTU/Hr. gas heated rotating, single rack capacity unit with; vertiflow heat exchanger; 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:

**Construction Features**

- Heavy duty stainless steel interior
- 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
- Vertiflow heatexchanger uses natural draft for combustion air
- High volume gravity feed, waterfall type steam system
- Burner manifold uses in-shot burners and hot surface ignition
- 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 construction requirements of NFPA 96 & UMC requirements for Type I & II Hoods, fire systems when required, shall be by others.
- 20 Ga stainless steel body
- Single 8" round collar
- 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

**STANDARD PRODUCT WARRANTY**

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



Sheet Number LRO-1G v 9 (rev 10/06)



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**INSTALLATION REQUIREMENT**

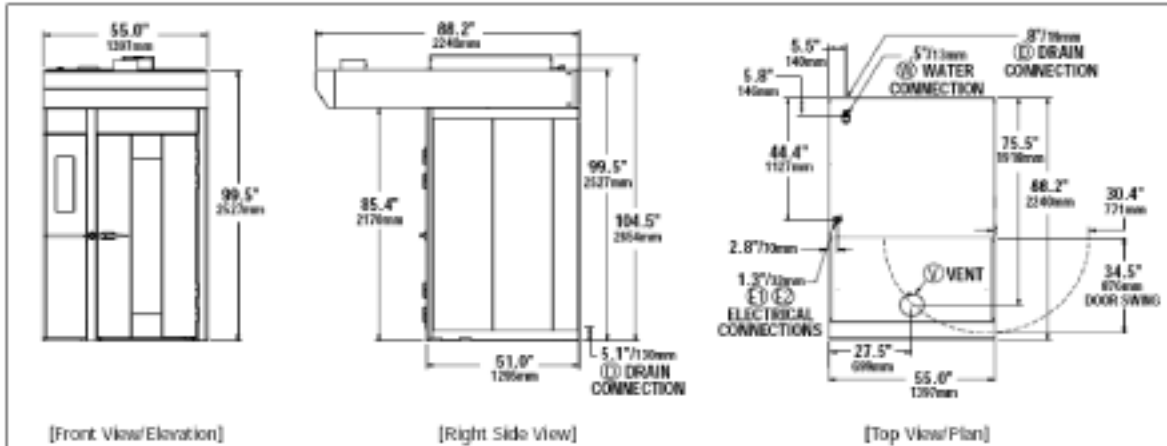
Oven ships one-piece but can be split for movement through 36" opening

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

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

**OPTIONS & ACCESSORIES**

Single Oven Racks



Model	Height x Width x Depth*	Clearance from combustible surfaces**	Weight		Freight Class
			Actual	Shipping	
LRO-1G	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	Gas
	Connection	Voltage	Total kW	Phase	Amps / Line			
LRO-1G	E-1	120 VAC / 60Hz	1.5	1	12	1/2" NPT (9 GPM @ 40 PSI)	3/4" NPT (210F, 1 GPM max)	3/4" NPT 175,000 BTU/Hr
		208 VAC/60Hz	1.2	3	6			
	E-2	240 VAC/60Hz	1.2	3	5			
		480 VAC/60Hz	1.2	3	3			

**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