



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

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

**MODEL: LRO-1G4**



Model LRO-1G4 Shown  
 (Rack not included)

**MODEL / RACK CAPACITY**

Maximum Capacity	
18" x 26" Full-size Sheet Pans*	20
12" x 20" x 4" Hotel Pans**	13
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-1G4** 175,000 BTU/Hr. gas heated rotating, single rack capacity unit with; vertiflow heat exchanger; 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
- 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 16" x 57.5" viewing window
- Interior door safety release mechanism
- Accommodates two single or one double rack

**Performance Features**

- 100-550 Degree F temperature range
- Vertiflow heat exchanger used natural draft effect for combustion air
- Burner manifold uses in shot burners and hot surface ignition
- High volume, waterfall type steam system
- Three-point air circulation system with adjustable shutters
- Self adjusting slip clutch protects operator and prevent component damage
- Automatic rack stop and lower when door is opened
- Floor level rack loading

**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. welded stainless steel body
- 8" round collar, 1,525 FPM @ 530 SCFM, 1.0"wc (roof vent not included)
- Hood Open Area: 12 Ft Sq., Perimeter:10.0 Ft
- Filter Area:3.06 Ft Sq. Filter Velocity @ 530 SCFM: 175 FPM

**Controls Package**

**Standard Graphic Display Control**

- Manual or programmable modes
- 60-programable recipes w/ 5 events per recipe
- Large LCD event screen for programing and oven status
- Selectable Auto On and Auto Off
- Cool down mode
- Optional PC-USB flash drive programing port

**Optional LED Display Control**

- 99-Programable recipes
- 6-Quick set recipes
- Single Event
- Steam / Vent / Blower delay and pulse
- Selectable Automatic Temperature Set-back



NSF Standard 4

Sheet Number LRO-1G4 (rev 1/13)

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**INSTALLATION REQUIREMENT**

Oven ships one-piece for movement through 60" opening

1/2" EMT electrical connections E2 208-240/120 VAC  
3-Phase W/ Neutral

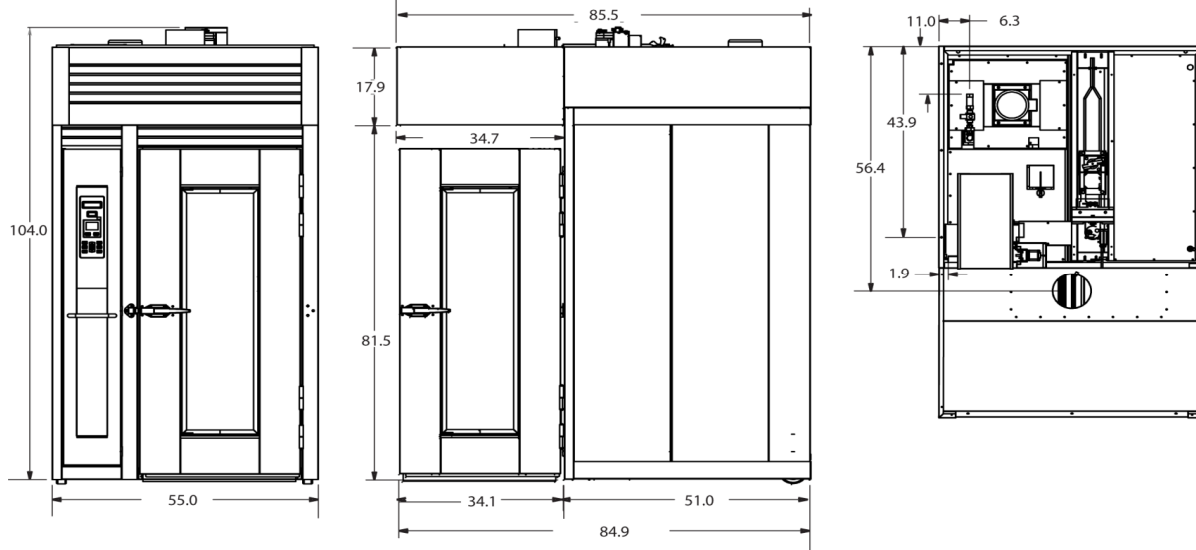
- 1" NPT gas connection 5" - 14" W.C.
- 1/2" NPT Water Connection
- 3/4" NPT Vented drain
- 8" Round vent collar (consult local codes for installation requirements) Extraction ventilator not included

**OPTIONS & ACCESSORIES**

Single and Double Oven Racks  
Correctional Package

Natural or LP Gas  
Manual Back-up Control

1-PH Blower Motor  
Split Oven



Model	Height x Width x Depth*	Clearance from combustible surfaces**	Weight		Freight Class
			Act'l	Shipping	
LRO-1G4	104" x 55" x 51"	Sides 0" Back 0"	2500	2900	85

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

**Ships In Two Crates 113" L x 62" W x 64" H (each)**

Model	Electrical Requirements						Water	Drain	Gas
	Connection	Voltage	Total kW	Ph	Minimum Circuit Size	Maximum Breaker Size			
LRO-1G4	E	208/120 VAC/60Hz	1.8	3	15 Amp	20 Amp	1/2" NPT (9 GPM @ 40 PSI)	3/4" NPT (210F, 1 GPM max)	1" NPT 175,000 BTU/Hr 5" -14" W.C
		240/120 VAC/60Hz	1.8	3	15 Amp	20 Amp			
	E1	480 VAC/60Hz	1.8	3	15 Amp	20 Amp			
	E2	120 VAC (for 480V)	1.5	1	15 Amp	20 Amp			

**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