

**Retarder Proofer — Two Door, Condenser Included**

**Series LRPR2N-HO-C**



LRPR2N-30HO-C (Rack not included)



**Short Bid Specification:**

Proofer Retarder shall be an **LBC Bakery Equipment Model LRPR2N-\_\_HO-C** (insert 30, 40, 50, 60, 70, or 80 to indicate desired depth). Appliance shall be a double-wide roll-in rack unit, electrically heated (5 to 6.6 kW) with double doors, a quick response air-wash heat and humidity system, high output refrigeration system that includes the solenoid valve(s), expansion valve(s), line dryer(s) and epoxy coated evaporator coils, and modular foam-insulated panel construction. Interior shall be 300 series stainless steel with perimeter bumpers to protect door and walls. Doors shall have a magnetic seal, automatic closers and a full-width protective bar handles. Computerized control shall be door mounted at eye-level with accurate LED displays for Time, Temperature and Humidity. Complete appliance shall have all features listed and, if selected, optional 300-series stainless steel floor and/or 72610-48 water filtration system. **Pre-charged refrigeration shall be optional.**

**Standard Product Warranty:**

One Year Parts and Labor (Contiguous US, Alaska, Hawaii & Canada)

**Rack Capacity:**

Model	Side Load	End Load	Double
LRPR2N-30HO-C	1	1	N/A
LRPR2N-40HO-C	3	2	1
LRPR2N-50HO-C	3	3	1
LRPR2N-60HO-C	4	4	2
LRPR2N-70HO-C	5	5	2
LRPR2N-80HO-C	6	6	2

**Construction Features:**

- Heavy-duty stainless steel exterior with 300 series stainless steel interior and aluminized steel top
- Foam-insulated walls, ceiling and door
- Modular wall and ceiling panels with cam interlocks
- Tubular heaters; non-submerged to extend life
- Lighted interior
- Inner bumpers to protect interior walls and doors
- 208VAC or 240VAC 1- or 3-phase power, field convertible (Heating)
- Refrigeration components compatible with R448A refrigerant
- 208VAC 1-phase power (Cooling)

**Performance Features:**

- Dual purpose, provides both proofing and retarding
- Rapid responding air-wash heat and humidity system
- Proofing Temperature Range: 70-120 deg F
- Retarding Temperature Range: 34-45 deg F
- Humidity Range: 50-99%
- Evaporators sized for high humidity levels to prevent drying of product
- Refrigeration system sized for rapid pull-down
- PID-type controller design to ensure rapid and accurate response without overshoot

**Control Features:**

- Control is mounted in the door at eye-level
- Large LED displays for Time, Temperature, and Humidity

**Options and Accessories:**

- **Pre-charged refrigeration system**
- Rugged 300-series stainless steel floor
- 72610-48 Water Filtration System

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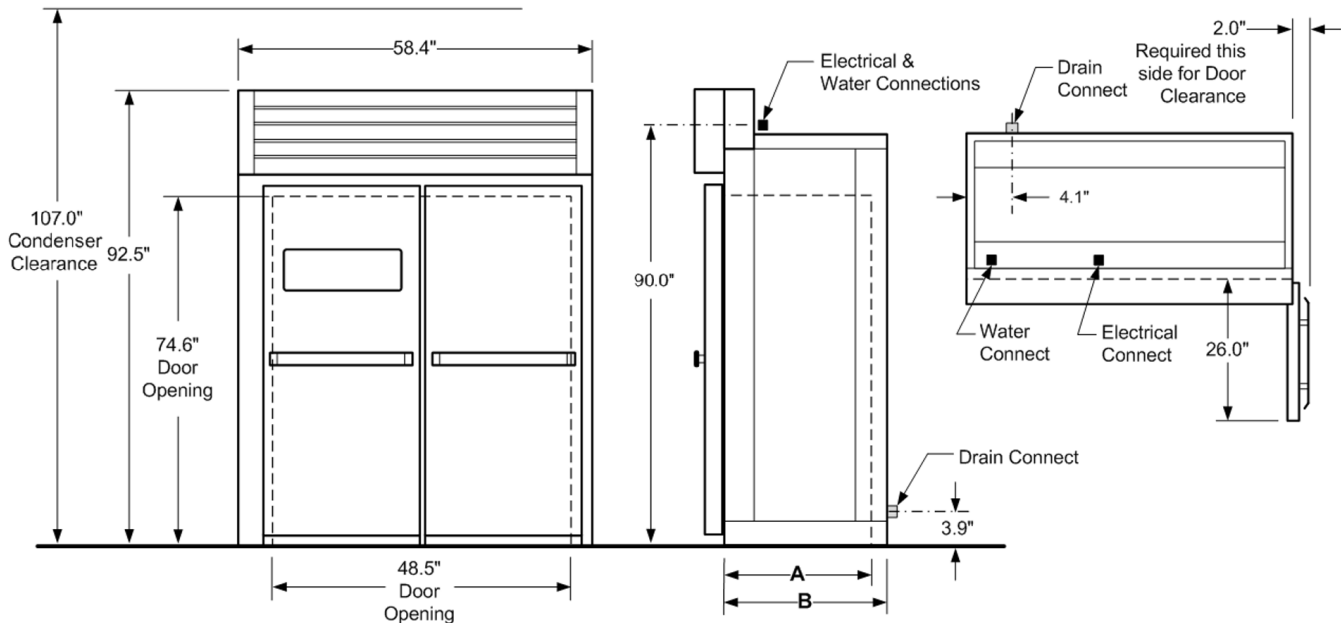
**Installation Requirements:**

- Factory authorized start-up required
- Ships knocked down. Requires on-site assembly
- Appliance is designed to operate at normal room temperatures
- Should not be installed within 4" of oven or other heat source to prevent heat transfer
- Clearance to combustibles is 0" sides and back
- Floor must be level to within 1/8" per foot. Difference for entire floor must not exceed 3/4"
- For installation on non-porous surfaces only

*Note: Refrigeration system may require installation by a licensed refrigeration technician*

**Options and Accessories:**

- Stainless Steel Floor     
  72610-48 Water Filtration Assembly     
  Pre-Charged Refrigeration System



**Utility Requirements:**

Model	Cooling * 208VAC, 1 ph		Heating * (6.0 kW max) 208-240VAC			Retarder BTU @ 35 deg F
	MCA	MOP	MCA 1 ph	MCA 3 ph	MOP	
LRPR2N-30HO-C	7.4	15	35	20	50	4300
LRPR2N-40HO-C	7.4	15	35	20	50	4300
LRPR2N-50HO-C	7.4	15	35	20	50	5500
LRPR2N-60HO-C	7.4	15	35	20	50	5500
LRPR2N-70HO-C	9.7	20	35	20	50	6000
LRPR2N-80HO-C	9.7	20	35	20	50	6000

\* 2 separate electrical supplies required

**Dimensions:**

Dim A (in)	Dim B (in)
29.0	31.0
39.0	41.0
49.0	51.0
59.0	61.0
69.9	71.0
79.0	81.0

**Shipping Information:**

Weight (lbs)		Freight Class
Actual	Shipping	
1100	1200	85
1157	1282	
1329	1454	
1411	1536	
1493	1518	
1665	1790	

**Water Quality Requirements:**

pH: 7.0-8.5
Total Hardness < 50 ppm
Chlorides < 50 ppm
Total Chlorine < 0.5 ppm
Iron < 0.3 ppm

Water	Drain
1/2" NPT, cold, filtered 0.07 gpm @ 60 psi	3/4" copper, Route to air gap drain