

Retarder Proofer — One Door, Condenser Included

Series LRPR1-HO-C



LRPR1-40HO-C



Meets UL 197 and NSF 2 Standards

Short Bid Specification:

Proofer Retarder shall be an **LBC Bakery Equipment Model LRPR1-__HO-C** (insert 40, 50, 60, 70, 80, 90, 100, or 110 to indicate desired depth). Appliance shall be a single-wide roll-in rack unit, electrically heated (5 to 6.6 kW) with a single door, 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. Door shall have a magnetic seal, an automatic closer and a full-width protective bar handle. 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
LRPR1-40HO-C	1	1	N/A
LRPR1-50HO-C	2	1	1
LRPR1-60HO-C	2	2	1
LRPR1-70HO-C	3	2	1
LRPR1-80HO-C	3	3	1
LRPR1-90HO-C	4	3	2
LRPR1-100HO-C	4	4	2
LRPR1-110HO-C	5	4	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 door
- Door can be hinged to open from left or right
- 208/240VAC 1- or 3-phase power, field convertible
- Refrigeration system with epoxy-coated evaporator coils

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 with R448A refrigerant**
- Rugged 300-series stainless steel floor
- 72610-48 Water Filtration System

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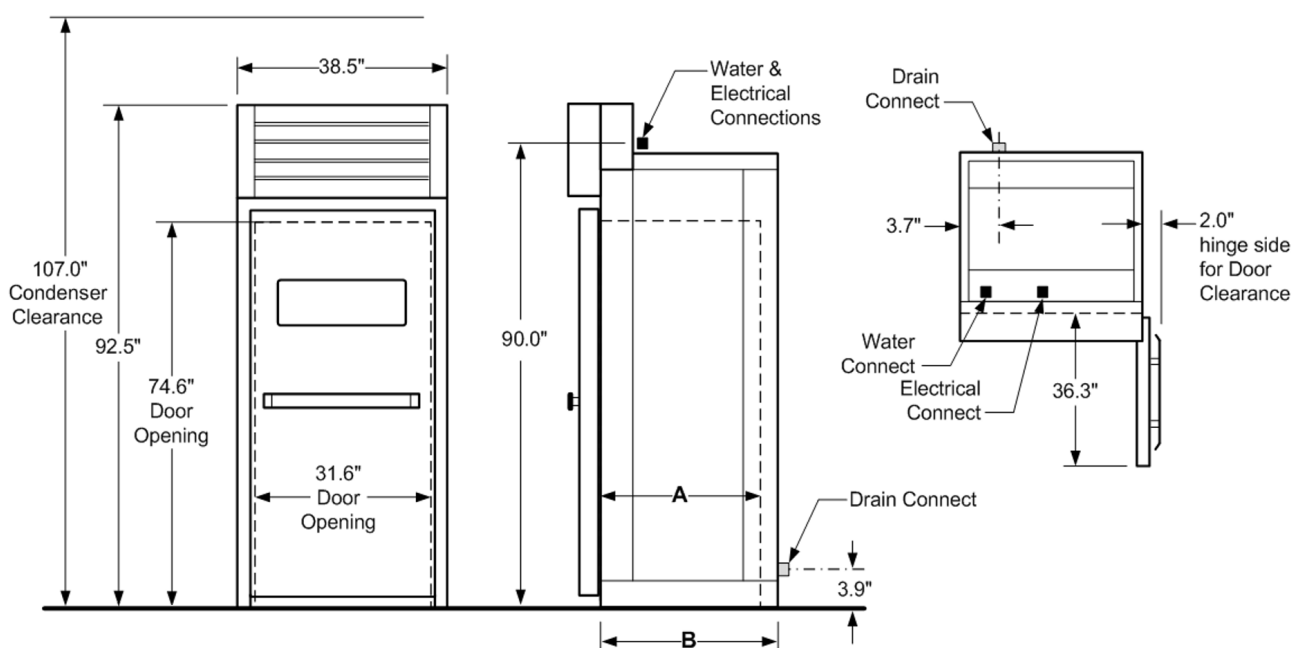
Installation Requirements:

- 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 *		Heating * (6.0 kW max)			Retarder kBTU @ 35 deg F
	MCA	MOP	MCA 1 ph	MCA 3 ph	MOP	
LRPR1-40HO-C	6	15	34	20	50	3.5
LRPR1-50HO-C	6	15	34	20	50	3.5
LRPR1-60HO-C	7	15	34	20	50	4.5
LRPR1-70HO-C	7	15	34	20	50	4.5
LRPR1-80HO-C	8	15	34	20	50	5.5
LRPR1-90HO-C	8	15	34	20	50	5.5
LRPR1-100HO-C	9	15	34	20	50	7.0
LRPR1-110HO-C	9	15	34	20	50	7.0

* 2 separate electrical supplies required

Dimensions:

Dim A (in)	Dim B (in)
32.1	41.0
42.1	51.0
52.1	61.0
62.1	71.0
72.1	81.0
82.1	91.0
92.1	101.0
102.1	111.0

Shipping Information:

Weight (lbs)		Freight Class
Actual	Shipping	
900	1000	85
991	1116	
1094	1219	
1197	1322	
1321	1446	
1424	1549	
1527	1652	
1651	1776	

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