

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

**Series LRPR2S-HO-C**



LRPR2S-30HO-C (Rack not included)



**Short Bid Specification:**

Proofer Retarder shall be an **LBC Bakery Equipment Model LRPR2S-\_\_HO-C** (insert 30, 40, 50, 60, 70, 80, or 90 to indicate desired depth). Appliance shall be a double-wide roll-in rack unit, electrically heated 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
LRPR2S-30HO-C	2	3	N/A
LRPR2S-40HO-C	4	3	2
LRPR2S-50HO-C	4	3	2
LRPR2S-60HO-C	6	6	2
LRPR2S-70HO-C	6	6	2
LRPR2S-80HO-C	8	6	4
LRPR2S-90HO-C	8	9	4

**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
- 120/208VAC or 120/240VAC 1- or 3-phase power, field convertible
- Refrigeration system with epoxy-coated evaporator coils and R404A refrigerant

**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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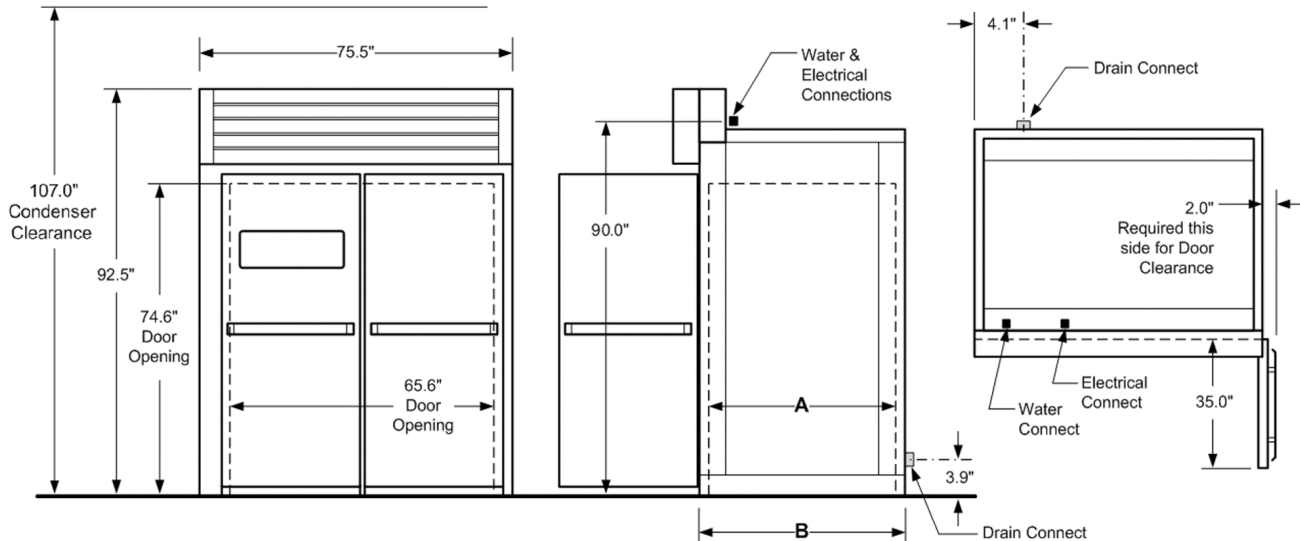
**Installation Requirements:**

- 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 *		Heating * (6.0 kW max)			Retarder kBTU @ 35 deg F
	MCA	MOP	MCA 1 ph	MCA 3 ph	MOP	
LRPR2S-30HO-C	8	15	34	20	50	5.5
LRPR2S-40HO-C	8	15	34	20	50	5.5
LRPR2S-50HO-C	9	15	34	20	50	7.0
LRPR2S-60HO-C	13	20	34	20	50	8.5
LRPR2S-70HO-C	13	20	34	20	50	8.5
LRPR2S-80HO-C	16	20	34	20	50	10.5
LRPR2S-90HO-C	16	20	N/A	35	60	11.0

\* 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
89.0	91.0

**Shipping Information:**

Weight (lbs)	Freight Class
773	1200
841	1282
899	1454
967	1536
1035	1618
1093	1790
1039	1872

**Minimum Water Quality Requirements:**

Alkalinity < 22 ppm	Magnesium < 0.65 ppm
Aluminum < 17 ppm	pH = 8.5
Calcium < 3 ppm	Sodium < 8.5 ppm
Free Chlorine Radical < 0.6 ppm	Total Hardness < 11.9 ppm

*Note: 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 specifications.*

**Water Requirements:**

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