

**Retarder Proofer — Two Door, Remote Refrigeration**

**Series LRPR2S-HO**



LRPR2S-30HO (Rack not included)



Meets UL 197 and NSF 4 Standards

**Short Bid Specification:**

Proofer Retarder shall be an **LBC Bakery Equipment Model LRPR2S-\_\_HO** (insert 30, 40, 50, 60, 70, 80, 90, 100, 110 or 120 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 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. **Requires remote refrigeration by others.**

**Standard Product Warranty:**

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

**Rack Capacity:**

Model	Side Load	End Load	Double
LRPR2S-30HO	2	3	N/A
LRPR2S-40HO	4	3	2
LRPR2S-50HO	4	4	2
LRPR2S-60HO	6	6	2
LRPR2S-70HO	6	6	3
LRPR2S-80HO	8	8	4
LRPR2S-90HO	8	9	4
LRPR2S-100HO	10	9	4
LRPR2S-110HO	10	12	5
LRPR2S-120HO	12	12	6

**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
- 208 or 240 VAC single or 3-phase power, field convertible (Heating)
- Refrigeration components compatible with R448A 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:**

- Rugged 300-series stainless steel floor
- 72610-48 Water Filtration System
- **Refrigeration Condenser (sold separately)**

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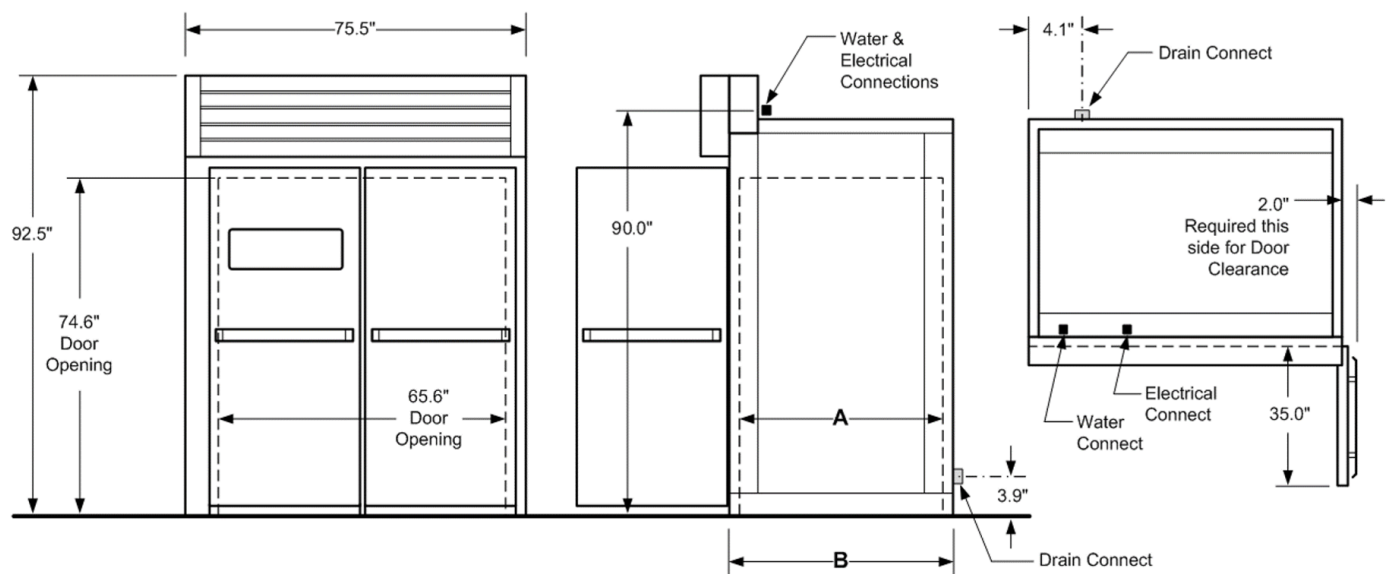
### Installation Requirements:

- 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 requires installation by a licensed refrigeration technician

### Options and Accessories:

- Stainless Steel Floor       72610-48 Water Filtration Assembly



### Utility Requirements:

Model	Heating * (6.0 kW max) 208-240VAC			Retarder BTU @ 35 deg F †
	MCA, 1 ph	MCA, 3 ph	MOP	
LRPR2S-30HO	35	20	50	5500
LRPR2S-40HO	35	20	50	5500
LRPR2S-50HO	35	20	50	6000
LRPR2S-60HO	35	20	50	8600
LRPR2S-70HO	35	20	50	8600
LRPR2S-80HO	35	20	50	11000
LRPR2S-90HO	N/A	40	60	11000
LRPR2S-100HO	N/A	40	60	15600
LRPR2S-110HO	N/A	40	60	15600
LRPR2S-120HO	N/A	40	60	21000

### 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
99.0	101.0
109.0	111.0
119.0	121.0

### Shipping Information:

Weight (lbs)		Freight Class
Actual	Shipping	
773	1200	85
841	1282	
899	1454	
967	1536	
1035	1618	
1093	1790	
1039	1872	
1107	1954	
1165	2126	
1233	2208	

† The thermal rating is to be used for sizing a condenser (by others) and is therefore not a direct utility requirement for this appliance.  
\* 2 separate electrical supplies required.

### 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