

Belshaw Adamatic

## BARP-3 Series Retarder-Proofer, 2-Door, Roll-in (Triple-wide rack capacity)

### Construction

- Stainless steel exterior with 300 Series s/s interior and aluminized steel top
- Foamed insulation in walls ceilings and doors
- Modular wall and ceiling panels with cam lock construction
- Rapid responding air-wash heat and humidity system
- Heavy duty welded s/s hinges
- Rapid responding air-wash heat and humidity system
- Depth up to 120", capacity up to 18 racks
- 208/240 VAC, either 1 or 3-phase, field convertible
- Includes condenser standard
- Refrigeration components compatible with R404A refrigerant

### Operation

- Dual purpose, provides both proofing and retarding
- 70°-120° F proofing range
- 34°-45° F retarding range
- 50 - 99% humidity range
- Non-submerged calrod type heaters
- Evaporators sized for high humidity levels, prevents drying
- Refrigeration system sized for rapid pull down
- Interior bumpers, lighted interior

### Controls

- Digital set Temperature, Humidity, Time
- PID type controls for rapid accurate response without overshoot
- Operates in individual modes or automatic mode
- All digital controls mounted in the door at eye-level
- Large LED display w/ Real-time clock

### Options

- Stainless steel floor
- Refrigeration condenser (requires separate connection)
- Prison package

### Model/Rack Capacity\*

Model / Depth	Side Load 28.4"Wx18.0"D	End Load 26.0"Wx20.4"D	Double 28.4"Wx36.0"D
BARP-3-30	3 Racks	4 Racks	None
BARP-3-40	6 Racks	4 Racks	3 Racks
BARP-3-50	8 Racks	7 Racks	3 Racks
BARP-3-80	13 Racks	11 Racks	6 Racks
BARP-3-110	18 Racks	16 Racks	8 Racks

\*Racks may be snug at maximum capacity. For details of rack arrangement, see the Rack Capacity Guide at <http://www.belshaw-adamatic.com/specs/belshaw-adamatic-rack-capacity-guide.pdf>



BARP-3-40 Retarder Proofer

### Short Bid Specification

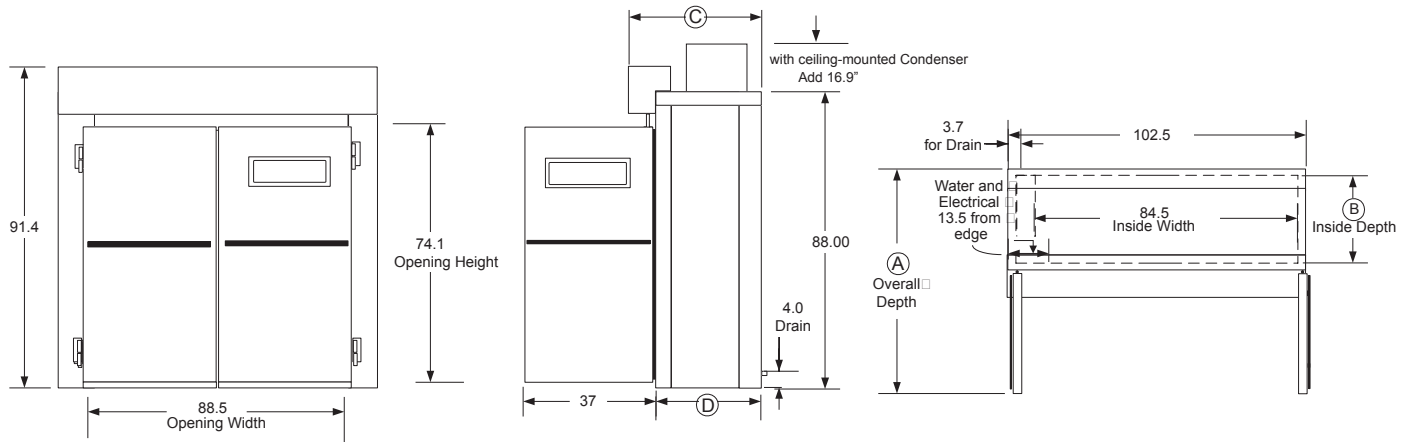
**Rack Proofer Model BARP-3-xxx** [insert 30, 40, 50, 80, or 110] shall be a 5 to 13.2 kW electrically heated, double door roll-in rack unit with: quick responding air-wash heat / humidity system; modular cam lock panel construction with foamed insulation; all stainless steel interior, with protective cart bumpers; heavy-duty doors with magnetic seal/mechanical closure system and full width protective bar handle; simple computerized controls, door mounted at eye-level, with accurate digital temperature, humidity and time readouts; plus all the features listed and options checked.

### Standard Product Warranty

One-Year Parts and Labor, USA and Canada.  
(USA includes 50 states + DC unless specified)

### Certifications





**Specifications**

Freight Class=70

Model	Retarder BTU's	Height		Width		Depth				Approx Weight (lbs)	
		Int	Ext	Int	Ext	"A"	"B"	"C"	"D"	Actual	Ship
<b>BARP-3-30</b>	7000	74.1"	91.4"	96.6"	102.5"	68"	26"	35.25"	31.13"	1372	1472
<b>BARP-3-40</b>	9000					78"	36"	45.25"	41.13"	1457	1582
<b>BARP-3-50</b>	9000					88"	46"	55.25"	51.13"	1597	1722
<b>BARP-3-80</b>	15,000					118"	76"	85.25"	81.13"	1957	1082
<b>BARP-3-110</b>	18,000					148"	106"	115.25"	119.13"	2494	2619

**Electrical Requirements**

Model	Voltage	Total kW	1-Phase	3-Phase	Condenser
<b>BARP-3-(30-40-50-80)</b>	208 VAC	5 kW	24.0 A	13.8 A	Volts: 208/240/60/1 Amps: 6A-18A. Condenser model depends on target minimum temperature chosen. Condenser specs: <a href="http://www.belshaw-adamatic.com/specs/belshaw-adamatic-retarder-proofer-BARP-3-condenserspecs.pdf">http://www.belshaw-adamatic.com/specs/belshaw-adamatic-retarder-proofer-BARP-3-condenserspecs.pdf</a>
	240 VAC	6.6 kW	27.5 A	15.8 A	
<b>BARP-3-110</b>	208 VAC	10.2 kW	48.0 A	27.6 A	Condenser specs: <a href="http://www.belshaw-adamatic.com/specs/belshaw-adamatic-retarder-proofer-BARP-3-condenserspecs.pdf">http://www.belshaw-adamatic.com/specs/belshaw-adamatic-retarder-proofer-BARP-3-condenserspecs.pdf</a>
	240 VAC	13.2 kW	55 A	31.6 A	

**Water Supply and Drainage Requirements**

Model	Water Supply	Drainage
<b>BARP-3-(30-40-50-80)</b>	1/2" NPT .07 GPM @ 60 PSI	1/2" PVC; 110°F <1 GPM Max Vented
<b>BARP-3-110</b>	1/2" NPT .14 GPM @ 60 PSI	

**Installation Requirements**

- Requires on-site installation
- KD shipment. When disassembled, can fit through 36" opening
- Refrigeration condenser requires separate connection
- Consult factory for shipment fully assembled
- 208/240 VAC, either 1 or 3-phase field convertible
- 1/2" NPT cold water connection
- 1/2" PVC vented drain connection
- Refrigeration system must be installed by a licenced refrigeration technician
- This appliance is designed to operate at normal room temperatures; if installed next to an oven or other heat source allow a minimum clearance of 4" to prevent heat transfer.
- Clearance from combustibles is 0" sides and back
- 2" clearance on both sides, required for door to open 90°
- For install on non-porous surfaces only
- Your local water conditions may damage your 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:
  - Alkalinity: 22 ppm
  - Aluminum: 17 ppm
  - Calcium: 3.3 ppm
  - Free chlorine residual: 0.6 ppm
  - Magnesium: 0.65 ppm
  - PH range: 8.5 s.u.
  - Sodium: 8.5 ppm
  - Total Hardness: 11.9 ppm