

Belshaw Adamatic

BARP-2 Series Retarder-Proofer, 2-Door, Roll-in

Construction

- Stainless steel exterior with 300 Series s/s interior and aluminized steel top
- Foamed insulation in walls ceilings and doors
- Modular wall+ceiling panels with cam lock construction
- Rapid responding air-wash heat and humidity system
- Heavy duty welded s/s hinges
- Depth up to 120", capacity up to 14 racks
- 208/240 VAC, either 1 or 3-phase field convertible
- Refrigeration components compatible with R404A refrigerant
- Includes condenser standard

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 protect interior walls from damage
- 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, 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-2-30	2 Racks	3 Racks	None
BARP-2-40	4 Racks	3 Racks	2 Racks
BARP-2-50	5 Racks	5 Racks	2 Racks
BARP-2-60	6 Racks	6 Racks	3 Racks
BARP-2-70	7 Racks	7 Racks	3 Racks
BARP-2-80	9 Racks	8 Racks	4 Racks
BARP-2-90	10 Racks	10 Racks	5 Racks
BARP-2-100	11 Racks	10 Racks	5 Racks
BARP-2-110	12 Racks	13 Racks	5 Racks
BARP-2-120	14 Racks	13 Racks	7 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-2-40 Retarder Proofer

Short Bid Specification

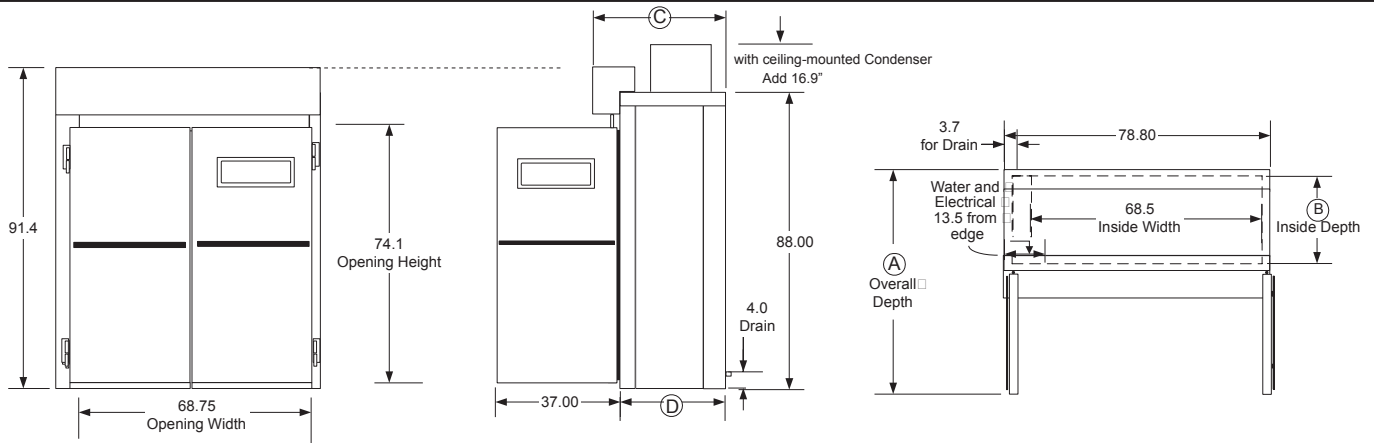
Rack Proofer Model BARP-2-xxx [insert 30 thru 120] shall be a 5 to 13.2 kW electrically heated, double door roll-in rack unit with: quick responding air-wash heat / humidity system; modular cam lock panel construction with foamed insulation; all stainless steel interior, with protective cart bumpers; 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
BARP-2-30	5500	74.1"	91.4"	68.1"	78.8"	68"	26"	39.5"	31.1"	1100	1200
BARP-2-40	5500					78"	36"	49.5"	41.1"	1157	1282
BARP-2-50	7000					88"	46"	59.5"	51.1"	1329	1454
BARP-2-60	9000					98"	56"	69.5"	61.1"	1411	1536
BARP-2-70	9000					108"	66"	79.5"	71.1"	1493	1618
BARP-2-80	11,000					118"	76"	89.5"	81.1"	1665	1790
BARP-2-90	11,000					128"	86"	99.5"	91.1"	1924	2049
BARP-2-100	15,000					138"	96"	109.5"	101.1"	2006	2131
BARP-2-110	15,000					148"	106"	119.5"	111.1"	2178	2303
BARP-2-120	18,000					158"	116"	129.5"	121.1"	2260	2385

Electrical Requirements

* BTU Rating @35°

Model	Voltage	Total kW	1-Phase	3-Phase	Condenser
BARP-2-(30-80)	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.
	240 VAC	6.6 kW	27.5 A	15.8 A	
BARP-2-(90-120)	208 VAC	10.2 kW	48.0 A	27.6 A	Condenser specs: http://www.belshaw-adamatic.com/specs/belshaw-adamatic-retarder-proofer-BARP-condenserspecs.pdf
	240 VAC	13.2 kW	55 A	31.6 A	

Water Supply and Drainage Requirements

Model	Water Supply	Drainage
BARP-2-(30-80)	1/2" NPT .07 GPM @ 60 PSI	1/2" PVC; 110°F <1 GPM Max, Vented
BARP-2-(90-120)	1/2" NPT .14 GPM @ 60 PSI	

Installation Requirements

- Requires on-site installation
- Refrigeration condenser requires separate connection
- KD shipment. When disassembled, can fit through 36" opening
- 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 0.0" sides and back
- 2" clearance on both sides, required for doors 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
- Consult your local water treatment company for proper water filtration system.