

Over 40 years experience in the bakery business makes Gemini Bakery Equipment Company a reliable partner able to satisfy all your individual needs.

Together with resources from our international partners, Gemini's technical and engineering personnel can develop new ideas and concepts to meet your bakery's needs.

Take profit of it!



GRPR2S High Output Retarder Proofer



Creative Technology and Service for the Baking Industry

Gemini Bakery Equipment Company

9990 Gantry Road

Philadelphia, PA 19115-1002

(215) 673-3520 Fax: (215) 673-3944

sales@geminibe.com

www.geminibe.com

Specs



Standard Features

Construction Features

- Heavy-duty stainless steel exterior with 300 Series stainless steel interior and aluminized steel top
- Walls, ceilings and doors are foam insulated
- Modular wall and ceiling panels with cam lock construction
- Rapid responding air-wash heat and humidity system
- 208/240 VAC single or 3-phase power, field convertible
- Pre-charged and self contained R404a refrigerant system
- Ceiling Condenser Included

Performance Features

- 70—120 Degree F proofing range
- 35—45 Degree F retarding range
- 50-99% humidity range
- Epoxy coated evaporators
- Non-submerged calrod type heaters
- Interior bumpers protect interior walls from damage
- Lighted interior

Controls Features

- All digital controls mounted in the door at eye-level
- PID Type controls for rapid accurate response without overshoot
- Digital set temperature, humidity, time
- Installed in the door at eye-level
- Large LED displays

Options

- Stainless Steel Floor
- Remote Condenser

Plumbing Requirements

Water: 1/2" NPT 0.07 GPM @ 60PSI
 Drain: 3/4" copper, Route to air gap drain

Model / Rack Capacity		
Model / Depth	Single	Double
GRPR2S-40HO-C	2 Racks	1 Rack
GRPR2S-50HO-C	4 Racks	2 Racks
GRPR2S-70HO-C	6 Racks	2 Racks

IMPORTANT: Your local water conditions may damage your Gemini 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.

Parameter	Unit	Value
Alkalinity	Ppm	22
Aluminum	Ppm	17
Calcium	Ppm	3.3
Free Chlorine Residual	Ppm	0.6

Parameter	Unit	Value
Magnesium	Ppm	0.65
pH	S.u.	8.5
Sodium	Ppm	8.5
Total Hardness	Ppm	11.9

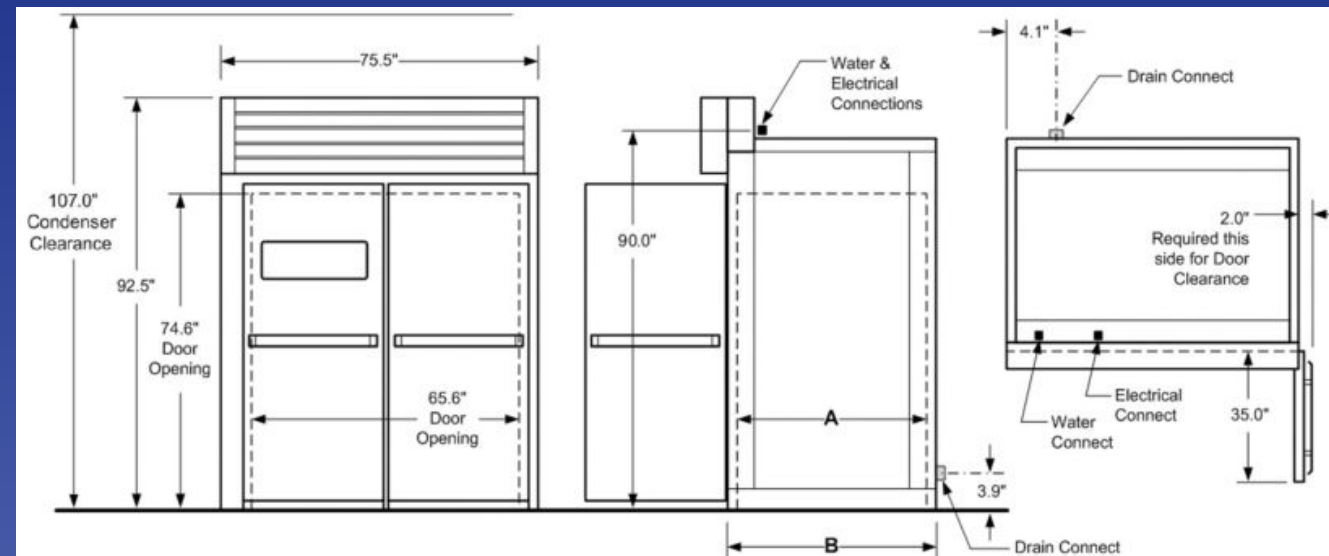
Installation Requirements

- Ships KD; requires on-site installation
- 1/2" NPT Cold water connection
- 3/4" Copper vented drain connection
- (E1) 208 or 240 VAC 1 or 3 phase (Heat)
- (E2) 208 or 240 VAC 1 Phase (Cooling)

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. To be installed on NON-porous surfaces only.

Standard Product Warranty
 One year parts and labor (contiguous US including Alaska and Hawaii, Canada)

Technical Data



Model	Height	Width	Depth		Weight		Freight Class
	Ext	Ext	"A" Int.	"B" Ext.	Actual	Ship	
GRPR2S-40HO-C	92.5	75.5	39	41.1	1157	1282	85
GRPR2S-50HO-C			49	51.1	1329	1454	85
GRPR2S-70HO-C			69	71.1	1493	1618	85

Electrical Requirements by Model						
Model	Voltage	Total KW	1-Phase	3-Phase	Water	Drain
GRPR2S HO-C (40-70)	208 VAC	5	30 AMPS	18 AMPS	1/2" NPT .07 GPM @ 60 PSI	1/2" PVC; 210 F; <1 GPM Max.
	240 VAC	6.6	34 AMPS	20 AMPS		

Model	E1 Heating			E2 Cooling			Retarder BTU Rating @ 35 Degree F
	*MCA 1 Phase	*MCA 3 Phase	*Max Fuse	*MCA 1 Phase	*MCA 3 Phase	*Max Fuse	
GRPR2S-40HO-C	34	20	50	8.1	15	15	5,500
GRPR2S-50HO-C	34	20	50	8.8	15	15	7,000
GRPR2S-70HO-C	34	20	50	12.5	20	20	8,500

In an effort to consistently upgrade our products, we reserve the right to change specifications and dimensions without notice.