Ice-O-Matic

PROJECT: _____

ITEM # _____ QTY: _____

MODEL # _____

AIA # _____ SIS # _____

PEARL ICE MAKER

PEARL ICE MAKER

GEM0450A90



Features and Benefits

- Uses R290 for a more environmentally friendly and efficient refrigerant.
- Fan favorite soft, chewable Pearl nugget-style ice.
- Cools beverages faster and longer while maintaining flavors better.
- Decreased water and power usage compared to cube ice makers.
- Load monitoring system constantly checks workload on gearbox shutting down system before a problem develops and preventing costly repairs.
- Water sensor eliminates low or no water failures and operates in adverse water conditions.
- Rugged stainless-steel evaporator assembly ensures reliability.
- Maintenance-free, industrial-grade double roller bearings.
- Heavy-duty gearbox provides years of trouble-free service.
- Built-in, non-contact ice detection fail safe automatic shutoff.



ICE FORMS	
PEARL ICE	1/2 x 3/8 in.
	12.7 x 9.5 mm

BIN CHART									
Model #	B40	B42	B55	B110	B700-30	B1000-48	B1300-48	B1325-60	B1660-60
capacity width	344 lbs (156 kg) 30 in (762 mm)	351 lbs (160 kg) 22 in (559 mm)	510 lbs (232 kg) 30 in (762 mm)	854 lbs (388 kg) 48 in (1,219 mm)	680 lbs (308 kg) 30 in (762 mm)	1,000 lbs (454 kg) 48 in (1,219 mm)	1,320 lbs (599 kg) 48 in (1,219 mm)	1,325 lbs (601 kg) 60 in (1,524 mm)	1,660 lbs (753 kg) 60 in (1524 mm)
Kit for combining wider bins with smaller models	KBT19	KBT24	KBT19	KBT23	Kit Not Required	Kit Not Required	Kit Not Required	Kit Not Required	Kit Not Required

See Ice-O-Matic Price List for Adapter Kits to combine ice makers with most available ice/beverage dispensers.



GEM0450A90 shown atop of bin B42 (sold separately)

Warranty

- Ice Maker: **3 years parts and labor**
- Compressor: **5 years parts**

Options & Accessories

- KGEMDISPB for ice level control for a dispenser - verify adapter with disp. manufacturer

Water Filter

- Manifold System IFQ1-FS gets replacement filter IOMQ-FS

11100 E. 45th Avenue • Denver, CO 80239
Phone: 1.866.PURE.ICE
www.iceomatic.com

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Specifications are subject to change without prior notice.

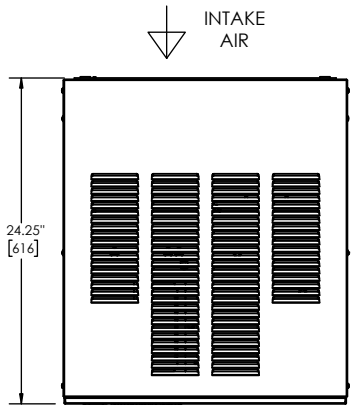
APPROVAL: _____ DATE: _____

Ice-O-Matic PEARL ICE MAKER

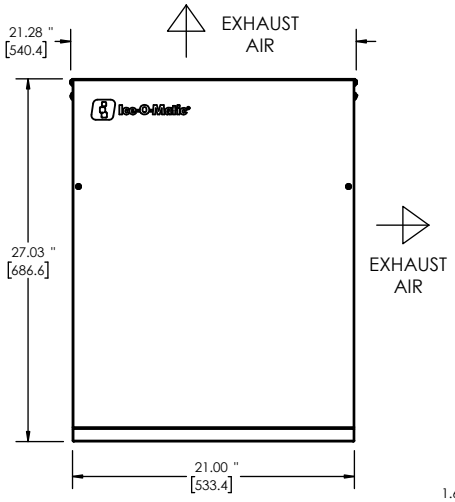
GEM0450A90

Line drawing note: Numbers with quote symbol " are in inches. Numbers enclosed in [brackets] are in millimeters.

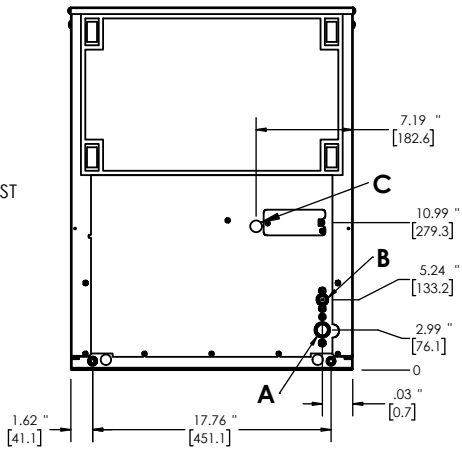
PLAN / TOP VIEW



ELEVATION / FRONT VIEW



UTILITIES / BACK VIEW



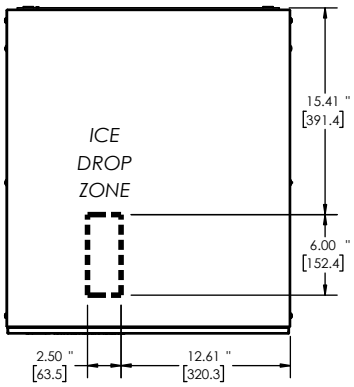
Air Cooled

A. Ice Maker Drain, 3/4" FPT

B. Ice Maker Potable Water Inlet, 3/8" FPT

C. Electrical Connection, ∅.875" [22.2]

Ice Drop Zone
Shown w/o Louvers



SPECIFICATIONS

Model	GEM0450A90
Condensing Type	Air
Voltage/Hertz/Phase	115/60/1
Min. Circuit Amp	10.7
Max Breaker Size	15 A
kWH per 100 lbs of ice at 70ºF air / 50ºF water	2.45
kWH per 100 lbs of ice at 90ºF air / 70ºF water	3.7
BTU (approx per hour)	4070
Number of Wires	3 (including ground)
Refrigerant	R290
Refrigeration Charge	4.23 oz / 120 g

Ice Production per 24 hrs	
70º air / 50º water lbs (kg)	90º air / 70º water lbs (kg)
415 (188)	303 (137)

Water Usage gallons per 100 lbs of ice 90ºF air / 70ºF water	
Potable	Condenser
12	N/A

OPERATING REQUIREMENTS

	MINIMUM	MAXIMUM
Ambient Temp. Range Air	50°F (10°C)	100°F (38°C)
Water Temp	40°F (4°C)	100°F (38°C)
Water Pressure	20 PSIG (1.4 BAR)	80 PSIG (5.5 BAR)

DIMENSIONS

Unit Width	21	533
Unit Depth	24.25	616
Unit Height	27.03	687

Shipping Weight	163 lbs / 74 kg
Shipping Dimensions (in.)	24 (W) x 27 (D) x 32 (H)
Shipping Dimensions (mm)	610 (W) x 686 (D) x 813 (H)

We reserve the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.

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