



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

Water Filter

- Manifold System IFQ1 gets replacement filter IOMQ (1)

11100 E. 45th Avenue • Denver, CO 80239

Phone: 1.866.PURE.ICE

www.iceomatic.com

Rev. 04/2026 Printed in U.S.A.

APPROVAL: _____ DATE: _____



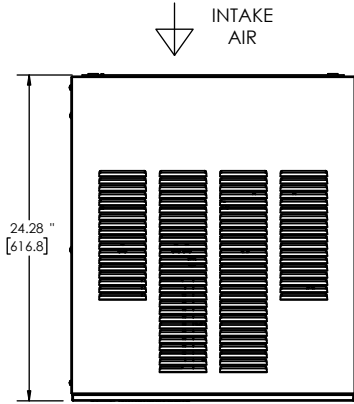
Ice-O-Matic

PEARL ICE MAKER

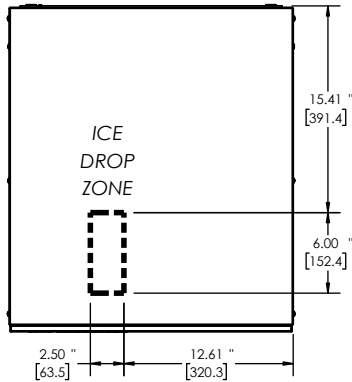
GEM0450A90

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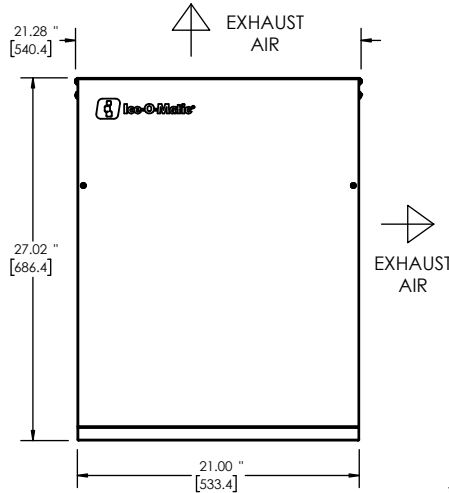
PLAN / TOP VIEW



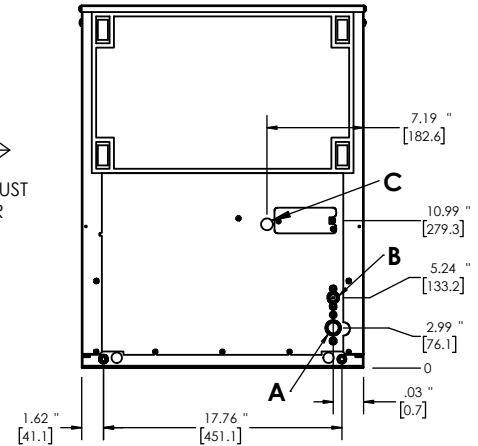
Ice Drop Zone
Shown w/o Louvers



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, Φ .875" [22.2]

SPECIFICATIONS	
Model	GEM0450A90
Condensing Type	Air
Voltage/Hertz/Phase	115/60/1
Min. Circuit Amp	10.7 A
Max Breaker Size	15 A
KWH per 100 lbs of ice at 70°F air / 50°F water	2.45
KWH per 100 lbs of ice at 90°F air / 70°F water	3.70
BTU (approx per hour)	4070
Number of Wires	3 (including ground)
Refrigerant	R290A
Refrigeration Charge	120 g
Ice Production per 24 hrs	
70° air / 50° water lbs (kg)	90° air / 70° water lbs (kg)
415 (188)	303 (137)
Water Usage gallons per 100 lbs of ice 90°F air / 70°F 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 in.	533 mm
Unit Depth	24 in.	610 mm
Unit Height	27 in.	686 mm
Shipping Weight	163 lbs / 74 kg	
Shipping Dimensions (in.)	27 (W) x 24 (D) x 32 (H)	
Shipping Dimensions (mm)	685.8 (W) x 609.6 (D) x 812.8 (H)	



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BINS & DISPENSERS

B110

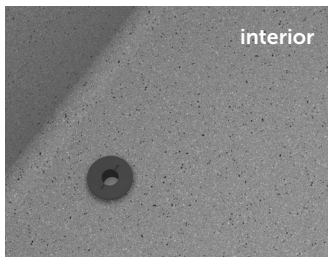


Features and Benefits

- Durable gray granite bin liner insulated with environmentally friendly foam for maximum ice preservation
- Multiple bin tops provide an easy solution for mounting ice makers on different sized bins
- Includes ice scoop and built-in, internal holder for efficiency and sanitation
- Durable aluminum finish



STORAGE CAPACITY	
Capacity	854 lbs (387 kg)
Width	48 in (1219 mm)



Warranty

- 2 Years Parts and Labor

BIN COMPATIBILITY CHART

Bin Model #	Cube Ice Makers / CIM			Pearl, Quartz, and Flake Ice Makers / GEM, HEM, MFI	
	22"	30"	48"	21"	30"
B42	■	-	-	■ KBT24	-
B40	■ KBT19	■	-	■ KBT19	■
B55	■ KBT19	■	-	■ KBT19	■
B110	■ KBT23C	■ BPF-1	■	■ KBT23	■ BPF-1

■ = Compatible ■ = Compatible, but adapter needed

Specifications are subject to change without prior notice.

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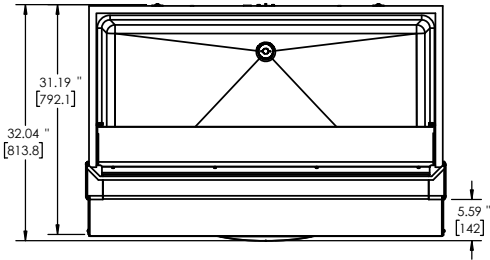
Ice-O-Matic

BINS & DISPENSERS

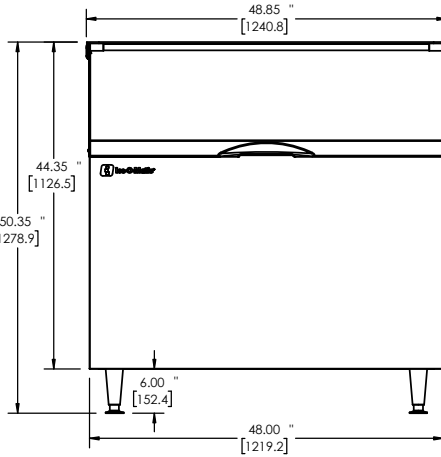
B110

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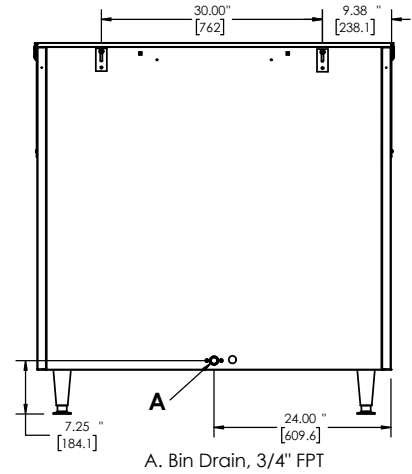
PLAN / TOP VIEW



ELEVATION / FRONT VIEW

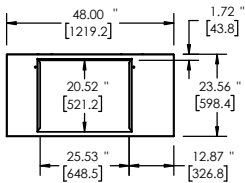


UTILITIES / BACK VIEW

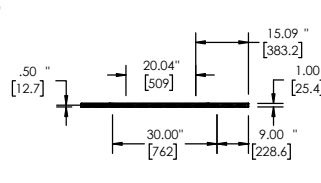


A. Bin Drain, 3/4" FPT

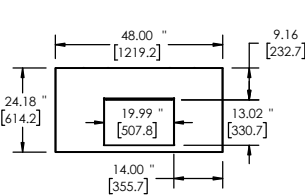
PLAN / TOP VIEW



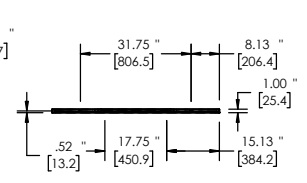
ELEVATION / FRONT VIEW



PLAN / TOP VIEW



ELEVATION / FRONT VIEW

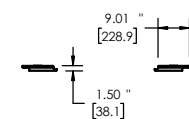
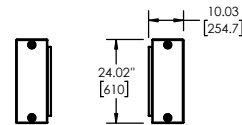
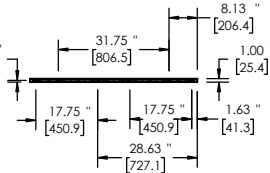
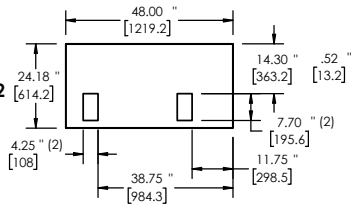


BIN TOP KITS
KBT5

KBT23

KBT222

BPF-1



DIMENSIONS	
Bin Storage	854 lbs / 387 kg
Unit Width	48 in. / 1219 mm
Unit Depth	31 in. / 787 mm
Unit Height	50 in. / 1270 mm
Shipping Weight	163 lbs / 74 kg
Shipping Dimensions (in.)	51 (W) x 34 (D) x 51 (H)
Shipping Dimensions (mm)	1295.4 (W) x 863.6 (D) x 1295.4 (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.