Ice-O-Matic

PROJECT: _____

ITEM # _____ QTY: _____

MODEL # _____

AIA # _____ SIS # _____

PEARL ICE MAKER

# PEARL ICE MAKER

## GEM0956A90




## 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.



*GEM0956A90 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

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www.iceomatic.com

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Specifications are subject to change without prior notice.

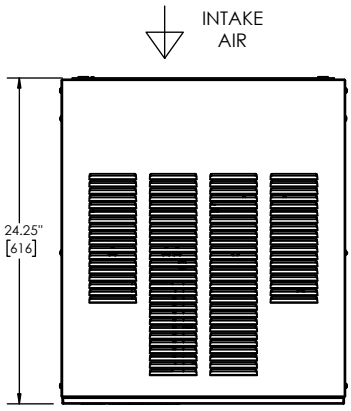
APPROVAL: _____ DATE: _____

# Ice-O-Matic PEARL ICE MAKER

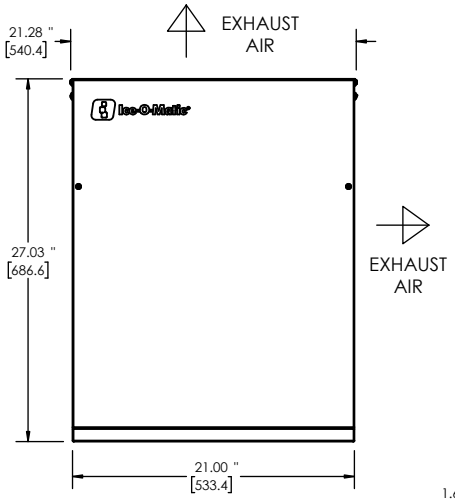
# GEM0956A90

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

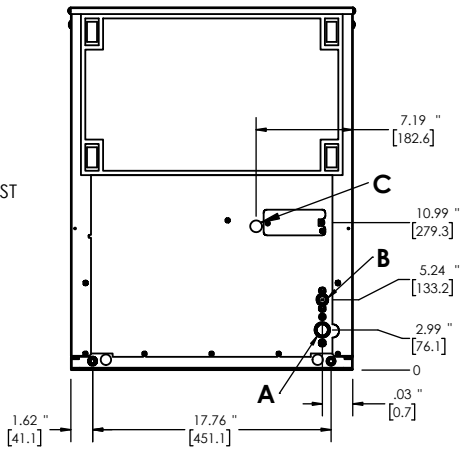
## PLAN / TOP VIEW




## ELEVATION / FRONT VIEW




## UTILITIES / BACK VIEW



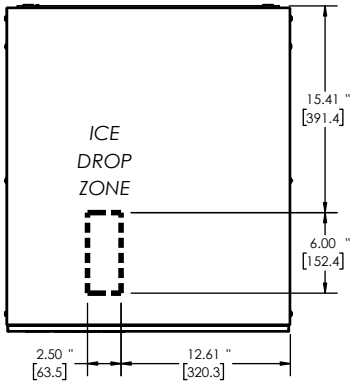

Air Cooled

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 | GEM0956A90 |
| Condensing Type | Air |
| Voltage/Hertz/Phase | 208-230/60/1 |
| Min. Circuit Amp | 9.3 |
| Max Breaker Size | 15 A |
| kWH per 100 lbs of ice at 70ºF air / 50ºF water | 2.37 |
| kWH per 100 lbs of ice at 90ºF air / 70ºF water | 3.48 |
| BTU (approx per hour) | 10280 |
| Number of Wires | 3 (including ground) |
| Refrigerant | R290 |
| Refrigeration Charge | 4.23 oz / 119.9 g |

| Ice Production per 24 hrs | |
|---|---|
| 70º air / 50º water lbs (kg) | 90º air / 70º water lbs (kg) |
| 928 (421) | 683 (310) |

| 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 | 189 lbs / 86 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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