



PROJECT: \_\_\_\_\_  
ITEM # \_\_\_\_\_ QTY: \_\_\_\_\_  
MODEL # \_\_\_\_\_  
AIA # \_\_\_\_\_ SIS # \_\_\_\_\_

# PEARL ICE MAKER

## PEARL ICE MAKER

### GEM1306A90



#### Features and Benefits

- Uses R290 for a more environmentally friendly and efficient refrigerant.
- Modular design and dual exhaust for flexible application and easy installation on bins or dispensers.
- Easy to clean with front facing evaporator and dishwasher safe (up to 180°F) components.
- Easy and quick cleaning reduces operating costs.
- Simple service with many common parts across all CIM machines.
- Harvest Assist provides consistent ice production for the life of the ice maker while reducing energy consumption and increasing capacity.
- Durable, electroless nickel plating on all evaporator plates ensures reliability.
- Constructed from corrosion-resistant and fingerprint-proof aluminum.



| 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                                         | 344 lbs (156 kg) | 351 lbs (160 kg) | 510 lbs (232 kg) | 854 lbs (388 kg) | 680 lbs (308 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)   | 48 in (1,219 mm) | 30 in (762 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            | 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.



GEM1306A90 shown atop of bin B42 (sold separately)

#### Warranty

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

#### Options & Accessories

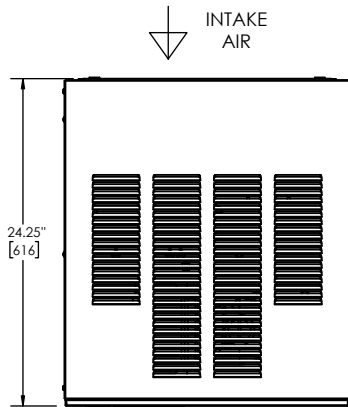
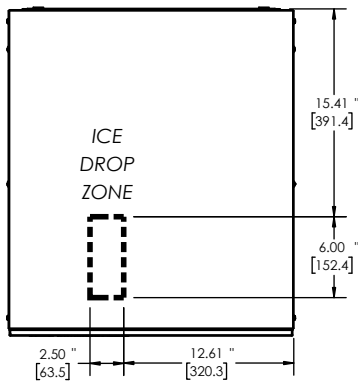
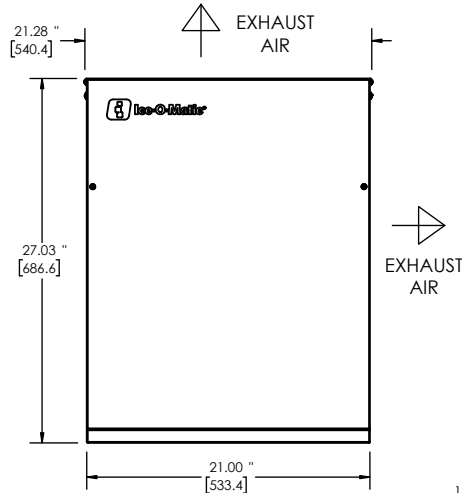
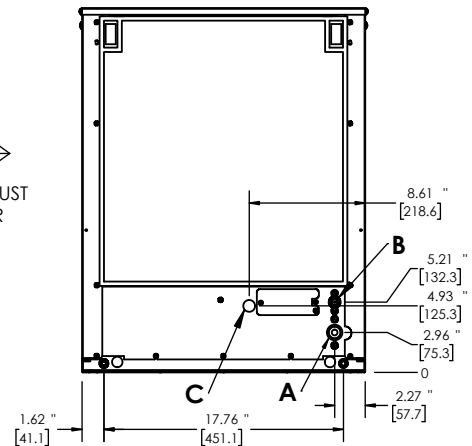
- KGEMDISPB for ice level control for a dispenser - verify adapter with disp. manufacturer

#### Water Filter

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

**Ice-O-Matic****PEARL ICE MAKER****GEM1306A90**

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

**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,  $\phi$ .875" [22.2]**SPECIFICATIONS**

| Model                                           | GEM1306A90           |
|-------------------------------------------------|----------------------|
| Condensing Type                                 | Air                  |
| Voltage/Hertz/Phase                             | 208-230/60/1         |
| Min. Circuit Amp                                | 13.5                 |
| Max Breaker Size                                | 20 A                 |
| kWH per 100 lbs of ice at 70°F air / 50°F water | 2.4                  |
| kWH per 100 lbs of ice at 90°F air / 70°F water | 3.4                  |
| BTU (approx per hour)                           | 15840                |
| Number of Wires                                 | 3 (including ground) |
| Refrigerant                                     | R290                 |
| Refrigeration Charge                            | 5.29 oz / 150 g      |

| Ice Production per 24 hrs                                    |                              |
|--------------------------------------------------------------|------------------------------|
| 70° air / 50° water lbs (kg)                                 | 90° air / 70° water lbs (kg) |
| 1306 (592)                                                   | 1004 (455)                   |
| 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                          | 533 |
|---------------------------|-----------------------------|-----|
| Unit Depth                | 24.25                       | 616 |
| Unit Height               | 27.03                       | 687 |
| Shipping Weight           | 219 lbs / 99 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.