

PROJECT: _____
 ITEM # _____ QTY: _____
 MODEL # _____
 AIA # _____ SIS # _____

PEARL ICE® MAKER

GEM2006R49



Features and Benefits

- 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 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) | 680 lbs (308 kg) 30 in (762 mm) | 854 lbs (388 kg) 48 in (1,219 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 (1,524 mm) |
| Kit for combining wider bins with smaller models | Kit Not Required | Not Compatible | Kit Not Required | Kit Not Required | BPF-1 | 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.



GEM2006R49 shown atop of bin B55 (sold separately)

Warranty

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

Options & Accessories

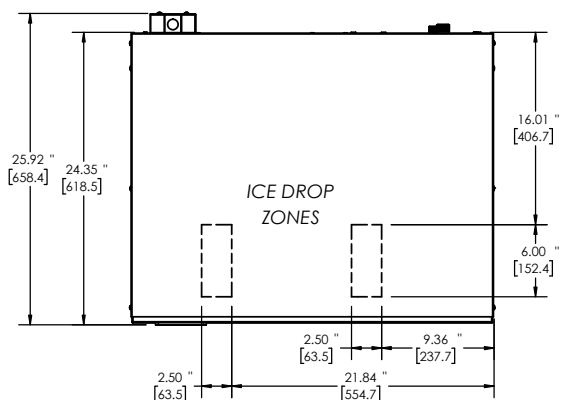
- KGEMDISPB for ice level control for a dispenser - verify adaptor with disp. manufacturer
- RC306C49 remote condenser

Water Filter

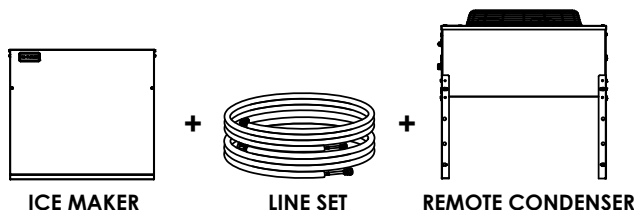
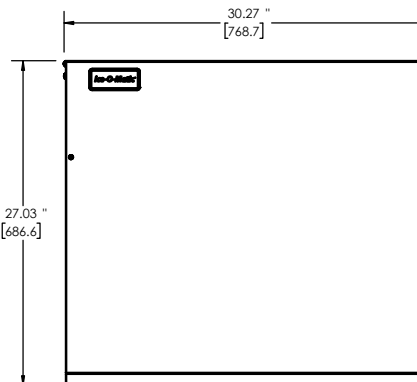
- Manifold System IFQ2-XL gets replacement filter IOMQXL (2)

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

PLAN / TOP VIEW

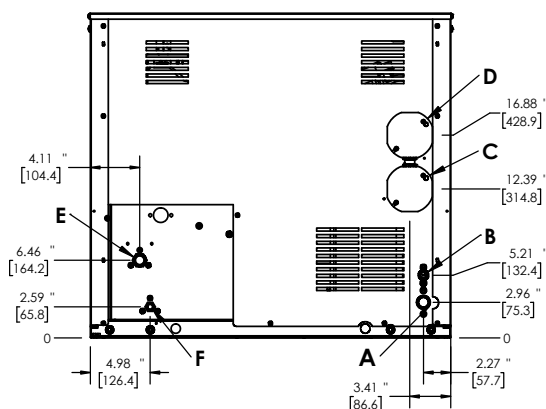


ELEVATION / FRONT VIEW

Remote Cooled

- A. Ice Maker Drain, 3/4" FPT
B. Ice Maker Potable Water Inlet, 3/8" FPT
C. Electrical Connection, Junction Box
D. Remote Condenser Electrical, Junction Box
E. Remote Condenser Discharge Line,
1/2" male quick connect for line set
F. Remote Condenser Liquid Line,
3/8" male quick connect for line set

UTILITIES / BACK VIEW



SPECIFICATIONS

| Model | GEM2006R49 |
|--|------------------------------|
| Condensing Type | Remote |
| Voltage/Hertz/Phase | 208-230/60/1 |
| Min. Circuit Amp | 23.1 A |
| Max Breaker Size | 40 A |
| kWH per 100 lbs of ice at 70°F air / 50°F water | 3 |
| kWH per 100 lbs of ice at 90°F air / 70°F water | 4.44 |
| BTU (approx per hour) | 17030 |
| Number of Wires | 3 (including ground) |
| Refrigerant | R449A |
| Refrigeration Charge | 208 oz |
| Ice Production per 24 hrs | |
| 70° air / 50° water lbs (kg) | 90° air / 70° water lbs (kg) |
| 1780 (807) | 1470 (667) |
| 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 | 30 in. | 762 mm |
|---------------------------|-----------------------------------|----------|
| Unit Depth | 24 in. | 609.6 mm |
| Unit Height | 27 in. | 685.8 mm |
| Shipping Weight | 306 lbs / 139 kg | |
| Shipping Dimensions (in.) | 33 (W) x 27 (D) x 33 (H) | |
| Shipping Dimensions (mm) | 838.2 (W) x 685.8 (D) x 838.2 (H) | |