



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

FLAKE ICE MAKER

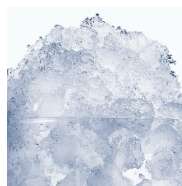
# FLAKE ICE MAKER

**MF10800W90**



## Features and Benefits

- Use R290 for a more environmental and efficient refrigerant.
- Water-cooled condenser.
- Flake ice – best for preservation and presentation.
- 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.
- Load monitoring system constantly checks workload on gearbox shutting down system before a problem develops and preventing costly repairs.



| ICE FORMS |   |
|-----------|---|
| FLAKE ICE | – |
|           | – |

| 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.



MF10800W90 shown atop of bin B42 (sold separately)

## Warranty

- Ice Maker: **3 Years Parts and Labor**
- Compressor: **5 Years Parts**

## Options & Accessories

### Water Filter

- Manifold System IFQ1 gets replacement filter IOMQ (1)

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

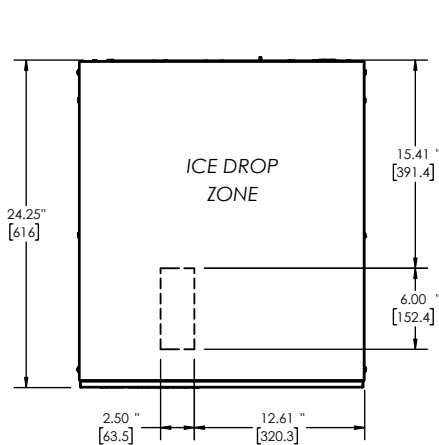
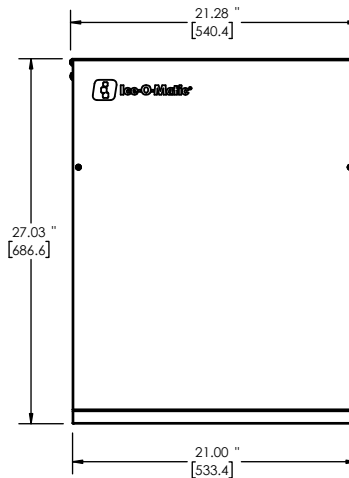
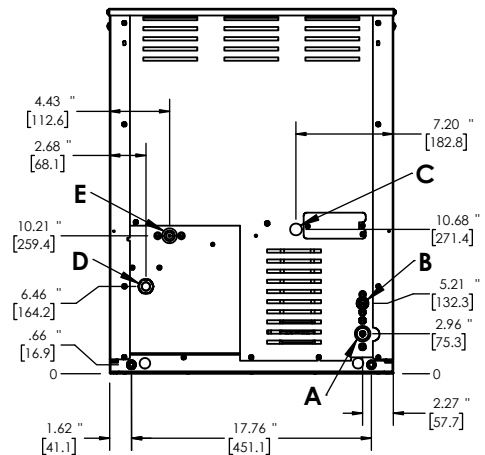
APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

**Ice-O-Matic**

# FLAKE ICE MAKER

## MFIO800W90

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**

### Water Cooled

A. Ice Maker Drain, 3/4" FPT

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

C. Electrical Connection, Junction Box

D. Water Condenser Inlet, 3/8" FPT

E. Water Condenser Outlet, 1/2" FPT

### SPECIFICATIONS

| Model                                                        | MFIO800W90                   |
|--------------------------------------------------------------|------------------------------|
| Condensing Type                                              | Water                        |
| Voltage/Hertz/Phase                                          | 115/60/1                     |
| Min. Circuit Amp                                             | 13.1 A                       |
| Max Breaker Size                                             | 20 A                         |
| kWH per 100 lbs of ice at 70°F air / 50°F water              | 2.20                         |
| kWH per 100 lbs of ice at 90°F air / 70°F water              | 2.8                          |
| BTU (approx per hour)                                        | 8190                         |
| Number of Wires                                              | 3 (including ground)         |
| Refrigerant                                                  | R290A                        |
| Refrigeration Charge                                         | 150 g                        |
| Ice Production per 24 hrs                                    |                              |
| 70° air / 50° water lbs (kg)                                 | 90° air / 70° water lbs (kg) |
| 767 (348)                                                    | 625 (283)                    |
| Water Usage gallons per 100 lbs of ice 90°F air / 70°F water |                              |
| Potable                                                      | Condenser                    |
| 12                                                           | 100                          |

### 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           | 186 lbs / 84 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) |        |