



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

FLAKE ICE MAKER

## FLAKE ICE MAKER

### MF10500A90



### Features and Benefits

- Uses R290 for a more environmentally friendly and efficient refrigerant.
- 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                                | B110                                 | B700-30                            | B1000-48                               | B1300-48                               | B1325-60                               | B1660-60                               |
| capacity<br>width                                      | 344 lbs (156 kg)<br>30 in (762 mm) | 351 lbs (160 kg)<br>22 in (559 mm) | 510 lbs (232 kg)<br>30 in (762 mm) | 854 lbs (388 kg)<br>48 in (1,219 mm) | 680 lbs (308 kg)<br>30 in (762 mm) | 1,000 lbs (454 kg)<br>48 in (1,219 mm) | 1,320 lbs (599 kg)<br>48 in (1,219 mm) | 1,325 lbs (601 kg)<br>60 in (1,524 mm) | 1,660 lbs (753 kg)<br>60 in (1,524 mm) |
| Kit for combining<br>wider bins with<br>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.



MF10500A90 shown atop of bin B42 (sold separately)

### Warranty

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

### Options & Accessories

- B42

### Water Filter

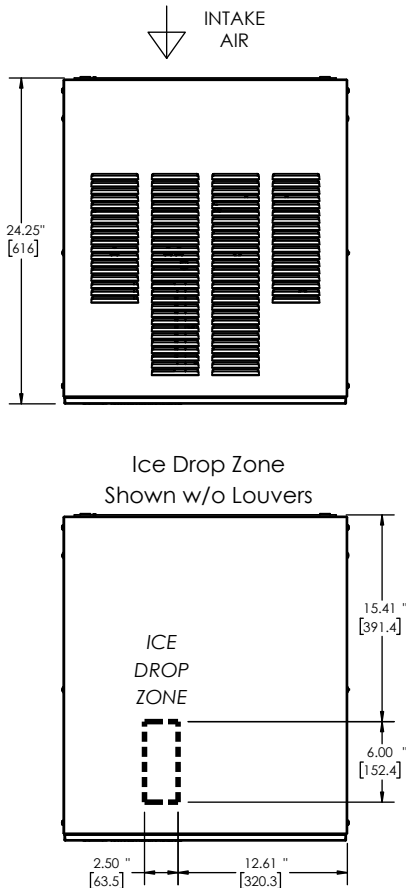
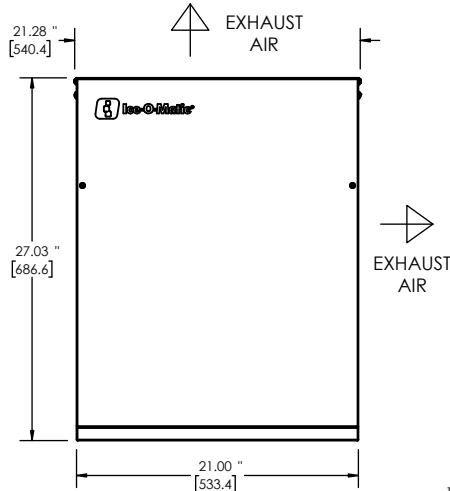
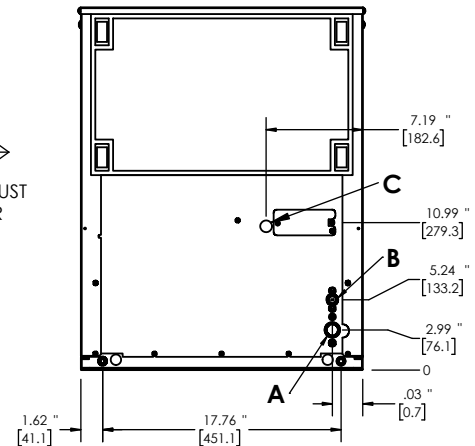
- Manifold System IFQ1-FS gets replacement filter IOMQ-FS

**Ice-O-Matic**

# FLAKE ICE MAKER

## MFIO500A90

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,  $\varnothing$ .875" [22.2]

**SPECIFICATIONS**

| Model                                                               | MFIO500A90                   |
|---------------------------------------------------------------------|------------------------------|
| Condensing Type                                                     | Air                          |
| Voltage/Hertz/Phase                                                 | 115/60/1                     |
| Min. Circuit Amp                                                    | 10.7                         |
| Max Breaker Size                                                    | 15 A                         |
| kWH per 100 lbs of ice at 70°F air / 50°F water                     | 2.2                          |
| kWH per 100 lbs of ice at 90°F air / 70°F water                     | 3.5                          |
| BTU (approx per hour)                                               | 4070                         |
| Number of Wires                                                     | 3 (including ground)         |
| Refrigerant                                                         | R290                         |
| Refrigeration Charge                                                | 4.23 oz / 120 g              |
| <b>Ice Production per 24 hrs</b>                                    |                              |
| 70° air / 50° water lbs (kg)                                        | 90° air / 70° water lbs (kg) |
| 465 (211)                                                           | 334 (151)                    |
| <b>Water Usage gallons per 100 lbs of ice 90°F air / 70°F water</b> |                              |
| 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           | 163 lbs / 74 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.