

# Ice-O-Matic®

## EMF450 - Flake Ice Maker



EMF450 on B55

### Features

- Only 16" (406 mm) wide.
- Produces up to 552 lbs (251 kg) of ice per day.
- Removes excess water by pushing the flaked ice through an extrusion process — the result is high quality flaked ice which is ideal for medical, supermarket or restaurant applications.
- Constructed from sturdy, corrosion-resistant stainless steel.
- Available with an air-or water-cooled condenser.
- Filter Free Air — No air filter to change.

### Options & Accessories

Water Filters			
Ice Machine Model	Manifold		Inline
	System	Replacement	System
EMF450	IFQ1	IOMQ (1)	IF4C / IF18C

### Ice Maker Warranty

Every Ice-O-Matic ice maker is backed by a warranty that provides both parts and labor coverage.

#### Parts & Labor

- Two years **Parts and Labor**.
- Five years **Parts** coverage on the compressor.

### Ice Form



### Bin Chart

Kits for Combining Wider Bins with Smaller Models

		Ice Storage Bins							
Model No.	B25	B40	B42	B55	B100	B120	B150	B170	
Capacity	255 lbs (116 kg)	365 lbs (165 kg)	374 lbs (170 kg)	556 lbs (252 kg)	927 lbs (420 kg)	1193 lbs (541 kg)	1499 lbs (679 kg)	1866 lbs (846 kg)	
Width	30 in (762 mm)	30 in (762 mm)	22 in (559 mm)	30 in (762 mm)	48 in (1219 mm)	48 in (1219 mm)	60 in (1524 mm)	60 in (1524 mm)	
Kits	EMF450	KBT8	KBT8	KBT14	KBT8	KBT7	KBT41*	KBT61*	
	EMF450 (2)	N/A	N/A	N/A	N/A	KBT9	KBT42*	KBT62*	

\*KBT41, 42, 61 and 62 Bin Tops are available at no extra charge if included on a B120, B150 or B170 order  
 \*See Ice-O-Matic Price List for Adapter Kits to combine ice makers with most available ice/beverage dispensers.



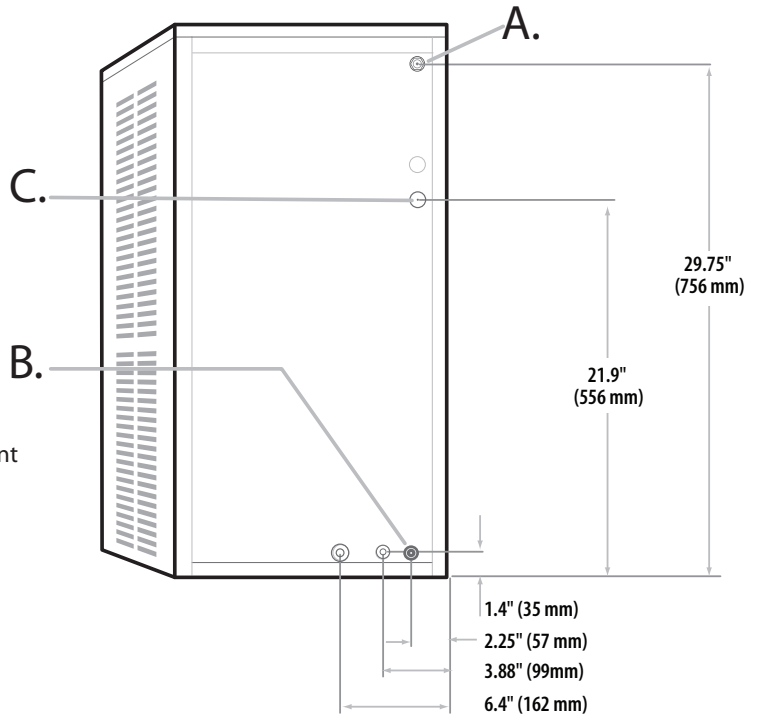
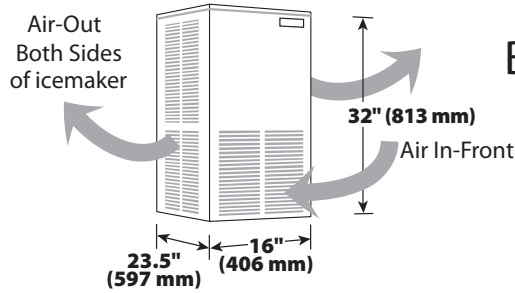
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### Air and Water Cooled

Please note: air-cooled units require 6" (152 mm) clearance for air intake and exhaust.

- A. Ice maker potable water in, 1/4" Male Flare.
- B. Ice maker water out, 1/2" inner diameter plastic tubing.
- C. Hole for electrical connections, 7/8".
- D. Condenser water in, 3/8" copper tubing (water cooled only).
- E. Condenser water out, 3/8" copper tubing (water cooled only).



Rear View

### Operating Requirements

	Minimum	Maximum
	60 Hz	
Ambient Temp. Range Air	50°F (10°C)	100°F (38°C)
Water Temp.	40°F (4.4°C)	80°F (26.7°C)
Water Pressure	20 PSIG (1.4 BAR)	60 PSIG (4.1 BAR)

### Dimensions

All Models	
W x D x H (inches)	16 x 23½ x 32
W x D x H (mm)	406 x 597 x 813

### Specifications

Model Number	Cond. Unit	Ice Production per 24hrs		Water Usage gallons per 100 lbs of ice 90°F air/70°F water		kWH Used per 100 lbs of ice @ 90°F air/70°F water	Voltage Characteristics	Min. Circuit Ampacity	Fuse Size	Approx. BTUs per hour
		70°F air/50°F water lbs (kg)	90°F air/70°F water lbs (kg)	Potable	Condenser					
EMF450AS	Air	528 (240)	420 (191)	12.0	-	4.9	115/60/1	14.4	15	5,450
EMF450WS	Water	552 (251)	472 (215)	12.0	104.0	3.8	115/60/1	12.5	15	6,710

#### NOTES:

Number of Wires: 3 (including ground)  
 Approx. Shipping Weight lbs (kg): EMF450AS 175 (80) • EMF450WS 175 (80)  
 Refrigerant Type: R404A