



# EMF 450 Series Flake ICE Maker

- ✓ Produces up to 552 lbs. (251 Kgs.)\* of ICE per day
- ✓ Constructed from sturdy, corrosion-resistant 300 series stainless steel
- ✓ Only 16 inches wide
- ✓ Available with an air-or water-cooled condenser



EMF 450 on a B55 Bin

***ICE-O-Matic® is the Best ICE Making Solution for:  
Hard Water, Food Safety and Tight Spaces***

## Problem

## Solution

### Tight-Fitting Spaces

Kitchen space utilization

### Maximum ICE

Maximum ICE production in a minimum amount of space:

- No additional side clearance required on a 30 inch wide bin
- Maximum ICE production in a 16 inch wide cabinet
- Works on all industry dispensers and bins

### Poor Ice Quality

Ice is too wet and soft

### Dependable ICE

ICE-O-Matic Flake ICE Makers remove 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.

### Operating Environments

Built to last?

### ICE-O-Matic® Tough

Constructed with a brass evaporator and rugged stainless steel transport system enclosed in polyurethane insulation

### Dirty Air Filter

Forget to change the air filter?

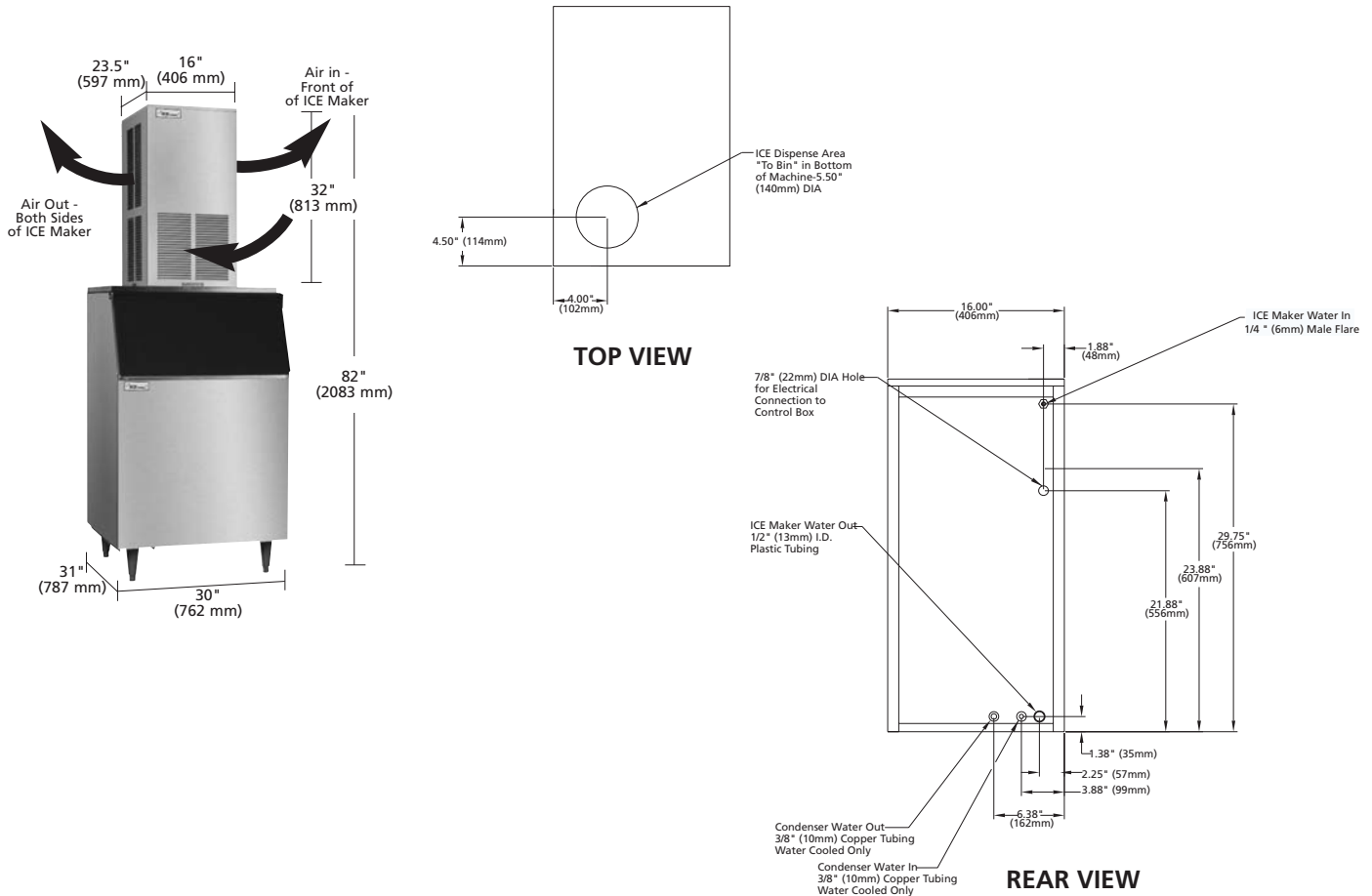
### Filter-Free Air

No air filter to change

\*Rated at 70 ° (21°) Air / 50° (10°) Water

# EMF 450 Series Flake ICE Maker - Modular

## Dimensions and Air Flow



## ICE PRODUCTION CHART POUNDS (KILOGRAMS) PER 24 HOURS

		EMF 450			EMF 405			
Conds. Unit	Air Temp. °F (°C)	Water Temp. °F (°C)			Air Temp. °F (°C)	Water Temp. °F (°C)		
		80°(27°)	70°(21°)	50°(10°)		80°(27°)	70°(21°)	50°(10°)
Air Cooled	90° (32°)	346 (157)	<b>372 (169)</b>	418 (190)	90° (32°)	302 (137)	<b>348 (158)</b>	355 (161)
	80° (27°)	383 (174)	412 (187)	453 (206)	80° (27°)	315 (143)	358 (162)	379 (172)
	70° (21°)	413 (188)	444 (202)	<b>488 (222)</b>	70° (21°)	355 (161)	368 (167)	<b>432 (196)</b>
Water Cooled	90° (32°)	439 (200)	<b>472 (215)</b>	504 (229)				
	80° (27°)	446 (203)	480 (218)	528 (240)				
	70° (21°)	467 (212)	502 (228)	<b>552 (251)</b>				

All specifications and performance data are subject to normal manufacturing variances.

## OPERATING LIMITS

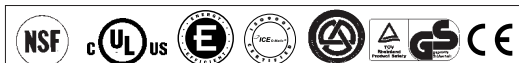
Ambient Temp. Range	50° - 104°F (10° - 40°C) 60Hz
Air & Water	50° - 110°F (10° - 43°C) 50Hz
Water Temp. Range	40° - 80°F (4.5° - 27°C)
Water Pressure ICE Maker Water in	Min. 20 psi (1.4 bar) Max. 60 psi (6.9 bar)
Condenser Inlet Water (Water cooled only)	Min. 20 psi (1.4 bar) Max. 60 psi (6.9 bar)

## ORDERING AND SPECIFICATION INFORMATION

Model No.	Cond. Unit	ICE Production per 24 hrs. at 70° Air/50° Water lbs. (Kgs.)	ICE Production per 24 hrs. at 90° Air/70° Water lbs. (Kgs.)	Water Used-Gals. (Lits.) per 100 lbs. of ICE		Kilowatts Used per 100 lbs. of ICE 90° Air 70° Water	Btuh	Voltage Characteristics	No. of Wires	Min. Circuit Amp.	Max. Fuse Size	Shipping Weight lbs. (Kgs.)
				ICE Prod. Use	Cond. Use							
EMF450AS	Air	488 (222)	372 (169)	12.0 (45)	n/a	5.4	5511	115/60/1	3	14.1	15	175 (80)
EMF450WS	Water	552 (251)	472 (215)	12.0 (45)	76.0 (288)	3.7	6182	115/60/1	3	12.9	15	175 (80)
EMF405AS	Air	432 (196)	348 (158)	12.0 (45)	n/a	4.6	1580	220-240/50/1	3	6.4	15	175 (80)

See Bin specification sheet for information on ICE storage bins

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



We reserve the right to make changes in design and construction at any time without obligation.  
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# ICE o-Matic®

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