



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

Tight-Fitting Spaces

Kitchen space utilization

Poor Ice Quality

Ice is too wet and soft

Operating Environments

Built to last?

Dirty Air Filter

Forget to change the air filter?

Solution

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

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.

ICE-O-Matic® Tough

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

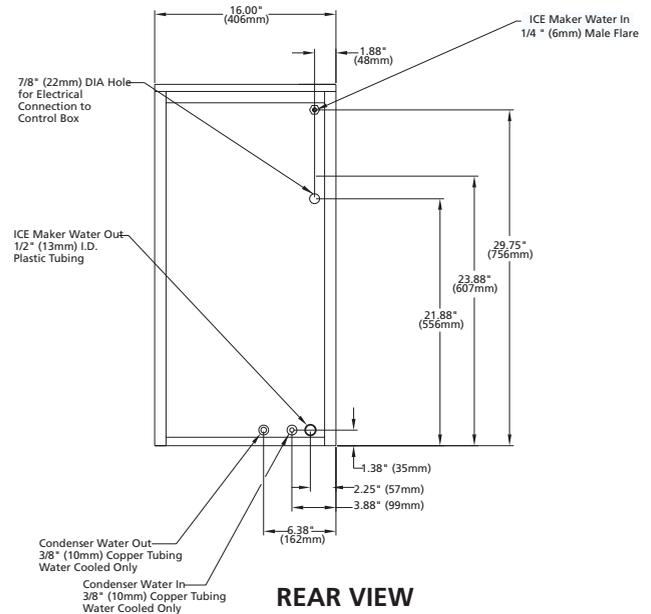
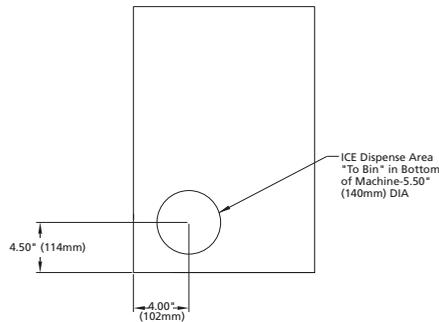
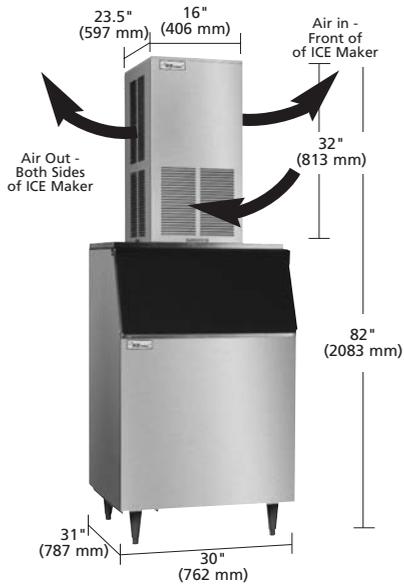
Filter-Free Air

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) | 372 (169) | 418 (190) | 90° (32°) | 302 (137) | 348 (158) | 355 (161) |
| | 80° (27°) | 383 (174) | 412 (187) | 453 (206) | 80° (27°) | 315 (143) | 358 (162) | 379 (172) |
| | 70° (21°) | 413 (188) | 444 (202) | 488 (222) | 70° (21°) | 355 (161) | 368 (167) | 432 (196) |
| Water Cooled | 90° (32°) | 439 (200) | 472 (215) | 504 (229) | | | | |
| | 80° (27°) | 446 (203) | 480 (218) | 528 (240) | | | | |
| | 70° (21°) | 467 (212) | 502 (228) | 552 (251) | | | | |

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

OPERATING LIMITS

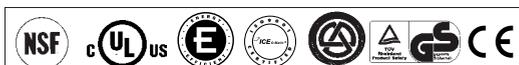
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|---|--|
| Ambient Temp. Range | 50° - 104°F (10° - 40°C) 60Hz |
| Air & Water | 50° - 110°F (10° - 43°C) 50Hz |
| Water Temp. Range | 40° - 80°F (4.5° - 27°C) |
| Water Pressure ICE Maker Water in | Min. 20 psi (1.4 bar) Max. 60 psi (6.9 bar) |
|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