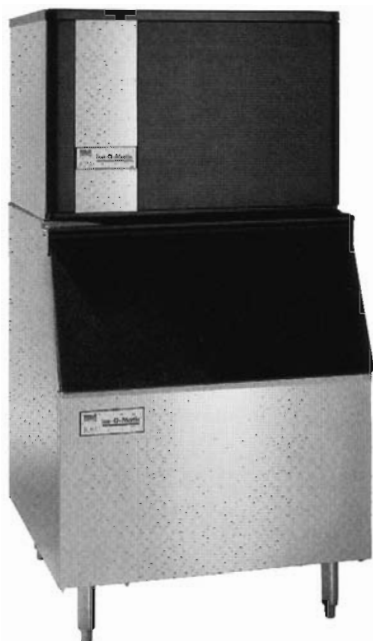


ICE 400 Series Cube Ice Maker

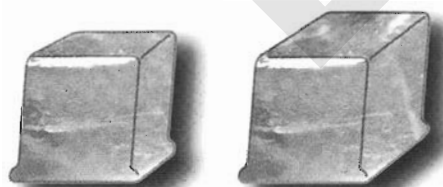


ICE 400 shown on model B-40 Bin

ICE 400

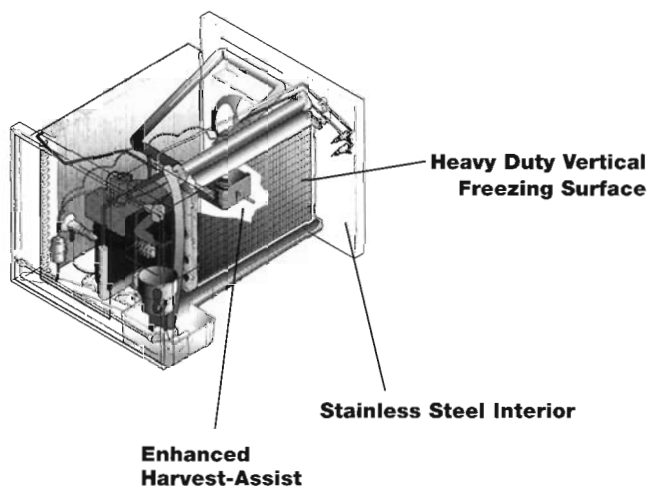
Produces up to 528 lbs. (240 Kgs.)* of ice per day.

- Constructed from sturdy, corrosion-proof 304 stainless steel—inside and out.
- Most advanced “Harvest Assist” system gets ice to the bin quicker. It conserves energy and increases compressor life.
- Easy to service and install. The ICE Series™ machines have electro-mechanical controls.
- Works on all standard industry dispensers and bins.
- Environmentally responsible. All ICE Series™ machines use R-404A, an approved, non-ozone depleting refrigerant.
- Proven “classic cube” shape. Half cube and Full cube systems available.
- Available with an air-, water- cooled condenser. ICE 400 air-cooled model is available with side or top discharge.



Half Cube Full Cube
7/8" x 7/8" x 3/8" 7/8" x 7/8" x 7/8"
(22mm x 22mm x 10mm) (22mm x 22mm x 22mm)

Not shown actual size



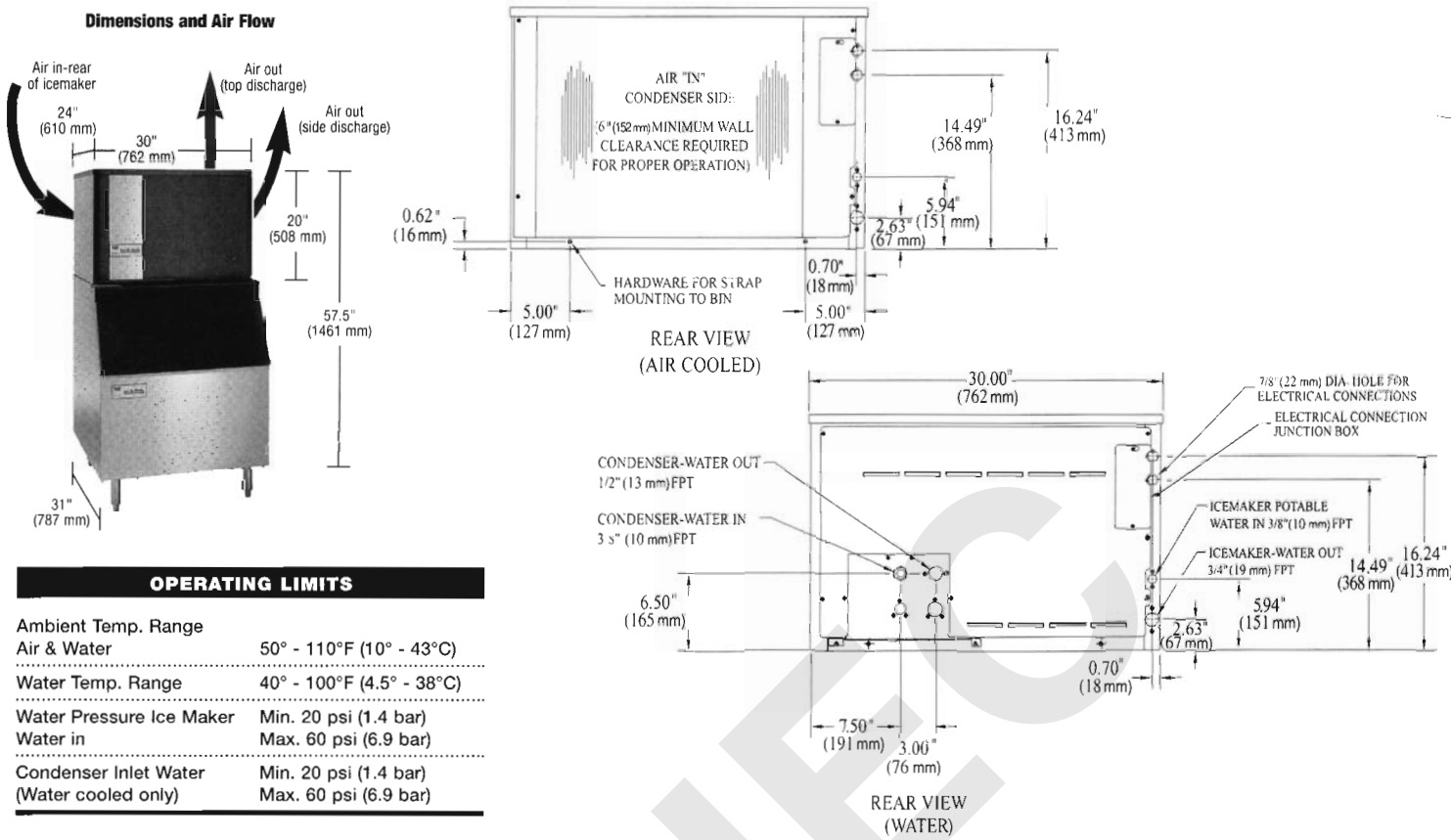
Ice-O-Matic®

A WELBILT Company



Tested at 70° Air/50° Water

ICE 400 Series Cube Ice Maker



OPERATING LIMITS

Ambient Temp. Range	
Air & Water	50° - 110°F (10° - 43°C)
Water Temp. Range	40° - 100°F (4.5° - 38°C)
Water Pressure Ice Maker	Min. 20 psi (1.4 bar)
Water in	Max. 60 psi (6.9 bar)
Condenser Inlet Water	Min. 20 psi (1.4 bar)
(Water cooled only)	Max. 60 psi (6.9 bar)

ICE PRODUCTION CHART POUNDS (KILOGRAMS) PER 24 HOURS

ICE 400					ICE 406				ICE 405			
Conds. Unit	Air Temp. °F (°C)	Water Temp. °F (°C)			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°)		80°(27°)	70°(21°)	50°(10°)
Air Cooled	90° (32°)	340 (155)	366 (166)	422 (192)	90° (32°)	300 (137)	323 (147)	381 (173)	90° (32°)	344 (156)	370 (168)	429 (195)
	80° (27°)	392 (178)	422 (192)	464 (211)	80° (32°)	359 (163)	386 (175)	425 (193)	80° (27°)	400 (182)	431 (196)	474 (215)
	70° (21°)	428 (194)	460 (209)	506 (230)	70° (21°)	396 (180)	425 (193)	468 (213)	70° (21°)	438 (199)	471 (214)	518 (235)
Water Cooled	90° (32°)	418 (190)	449 (204)	481 (218)	90° (32°)	354 (161)	381 (173)	414 (188)	90° (32°)	437 (199)	470 (214)	508 (231)
	80° (27°)	426 (194)	458 (208)	504 (229)	80° (27°)	371 (169)	399 (181)	439 (200)	80° (27°)	454 (206)	488 (222)	537 (244)
	70° (21°)	446 (203)	480 (218)	528 (240)	70° (21°)	392 (178)	422 (192)	464 (211)	70° (21°)	478 (217)	514 (234)	566 (257)

1. 90°/70° figures are rated in accordance with ARI Standard 810. All remaining points are mathematical estimates.
2. All specifications and performance data are subject to normal manufacturing variances.

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 90° Air/70° Water		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							
ICE0400♣A	Air	506 (230)	366 (166)	24.5 (93)	n/a	6.5	8064	115/60/1	3	14.4	15	165 (75)
ICE0400♣W	Water	528 (240)	449 (204)	27.0 (102)	225 (852)	4.7	8388	115/60/1	3	13.4	20	165 (75)
ICE0406♣A	Air	468 (213)	323 (147)	24.1 (91)	n/a	7.5	7712	208-230/60/1	3	8.9	15	165 (75)
ICE0406♣W	Water	464 (211)	381 (173)	23.5 (89)	138 (522)	5.5	7664	208-230/60/1	3	7.7	15	165 (75)
ICE0405♣A	Air	518 (235)	370 (168)	21.7 (82)	n/a	8.3	9371	230/50/1	3	13.3	15	165 (75)
ICE0405♣W	Water	566 (257)	470 (214)	26.4 (100)	141 (534)	4.5	8562	230/50/1	3	10.1	15	165 (75)

See Bin specification sheet for information on ice storage bins

♣ represents cube size. For full cube substitute an "F", for half cube substitute an "H".
Top discharge is available on ICE 400 air-cooled model, just substitute a "T" for the "A" in the model number.
Please note: air-cooled units require 6" (152 mm) clearance for air intake and exhaust.

EMF 450 Series Flake Ice Maker - Modular

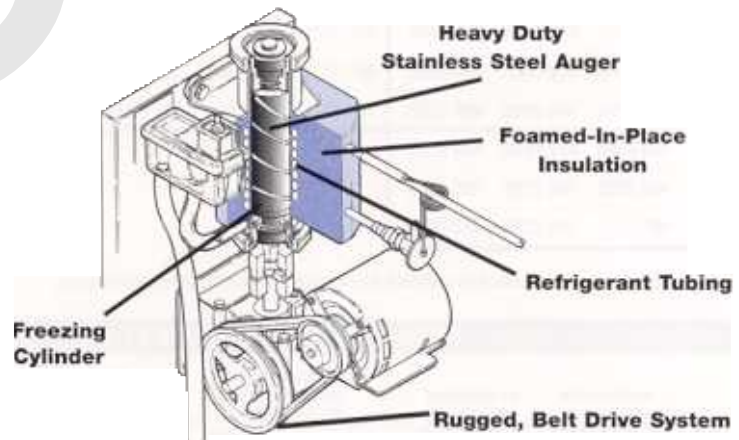


EMF450 Flake Ice Maker
shown on model B-55 Bin

EMF 450

Produces up to 552 lbs. (251 Kgs.)* of ice per day.

- Stainless steel exterior.
- Precision built evaporator features a durable freezing cylinder constructed of brass. The copper refrigerant tubing is "wrapped," then soldered around the outside of the freezing cylinder to create an efficient ice-making zone within the cylinder. The entire evaporator is encased with a foamed-in-place polyurethane insulation. The one-piece, heavy duty stainless steel auger moves ice upward through the cylinder and excess water is removed as the ice is pushed through the extruder, providing large, hard, dry flakes of ice.
- Works on all industry dispensers and bins.
- Simple and rugged belt drive system, unique to Ice-O-Matic, is much more tolerant of a wide variety of operating conditions as compared to direct drive type flakers.
- Environmentally responsible. EMF Series machines use R-404A, an approved, non-ozone depleting refrigerant.
- Available with an air- or water-cooled condenser.

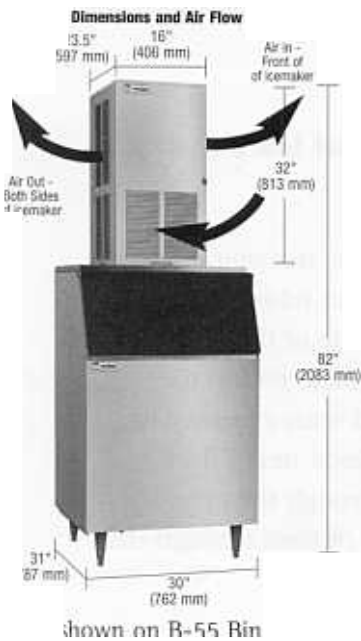


A WELBILT Company



*Tested at 70° Air/50° Water

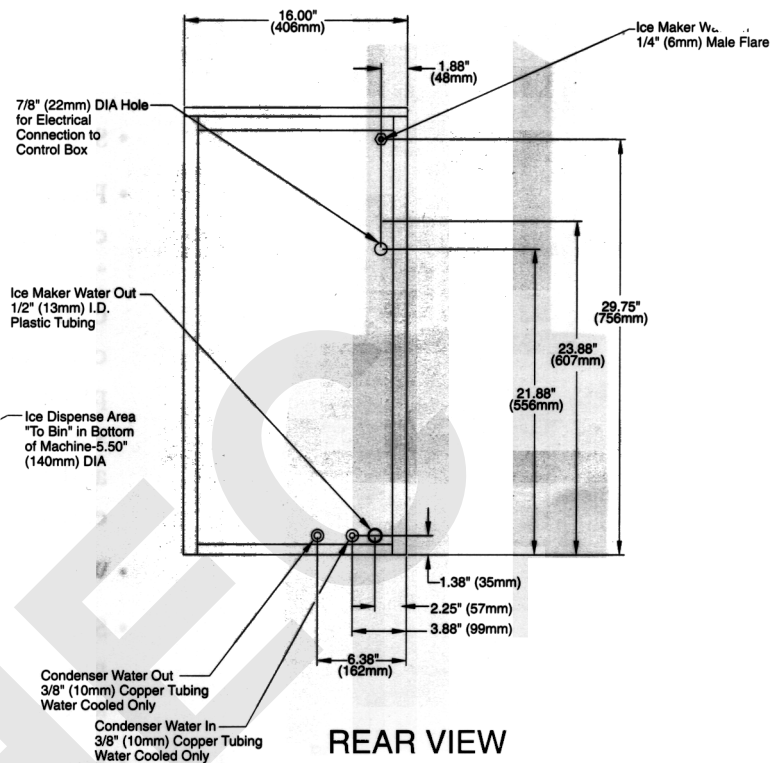
EMF 450 Series Flake Ice Maker - Modular



4.50" (114mm)

4.00" (102mm)

TOP VIEW



REAR VIEW

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)					

OPERATING LIMITS

Ambient Temp. Range	50° - 110°F (10° - 43°C)
Air & Water	50° - 110°F (10° - 43°C)
Water Temp. Range	40° - 100°F (4.5° - 38°C)
Water Pressure Ice Maker	Min. 20 psi (1.4 bar)
Water in	Max. 60 psi (6.9 bar)
Condenser Inlet Water	Min. 20 psi (1.4 bar)
(Water cooled only)	Max. 60 psi (6.9 bar)

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

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 90° Air/70° Water		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	230/50/1	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.