MFIO500 - FLAKE ICE MAKER

Ice-O-Matic
Ice. Pure and Simple

MFIO500 FLAKE ICE MAKER

MFIO500 ON B42

Features

- Only 21" (533 mm) wide.
- Produces up to 541 lbs (245 kg) of ice per day.
- *SystemSafe* load monitoring system constantly checks workload on gearbox–shutting down system before a problem develops and preventing costly repairs.
- Water sensor eliminates low or no water failures and cannot be affected by adverse water conditions.
- Rugged stainless steel evaporator and auger ensures reliability.
- Industrial-grade roller bearings and heavy-duty gearbox provide years of trouble-free service.

Options & Accessories

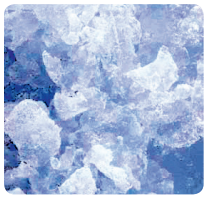
WATER FILTERS			
Ice Machine Model	**Manifold**		**Inline**
	System	Replacement	System
MFIO500	IFQ1	IOMQ (1)	IFI4C / IFI8C

Ice Maker Warranty

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

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

Ice Form



FLAKED ICE

Bin Chart

Kits for Combining Wider Bins with Smaller Models

ICE STORAGE BINS											
	Model No. Capacity Width	**B25** 242 lbs (110 kg) 30 in (762 mm)	**B40** 344 lbs (156 kg) 30 in (762 mm)	**B42** 351 lbs (160 kg) 22in (559 mm)	**B55** 510 lbs (232 kg) 30 in (762 mm)	**B700** 680 lbs (308 kg) 30 in (762 mm)	**B1000** 1000 lbs (454 kg) 48 in (1,219 mm)	**B110** 854 lbs (388 kg) 48 in (1,219 mm)	**B1300** 1320 lbs (599 kg) 48 in (1,219 mm)	**B1325** 1325 lbs (601 kg) 60 in (1,524 mm)	**B1600** 1660 lbs (753 kg) 60 in (1,524 mm)
Kits	MFIO500	KBT19		KBT24	KBT19	not recommended		KBT23	●●	●●	
	MFIO500 (2)	N/A						KBT22	●●*	●●*	

See Ice-O-Matic Price List for Adapter Kits to combine ice makers with most available ice/beverage dispensers.

●● *Kit not required. Hold down securement recommended.*

**Must be specified as a two machine, side-by-side application when ordering or additional charges will apply.*

MFI0500 - FLAKE ICE MAKER

Ice-O-Matic
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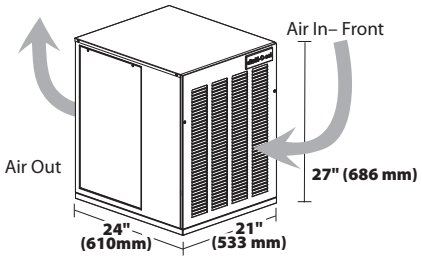
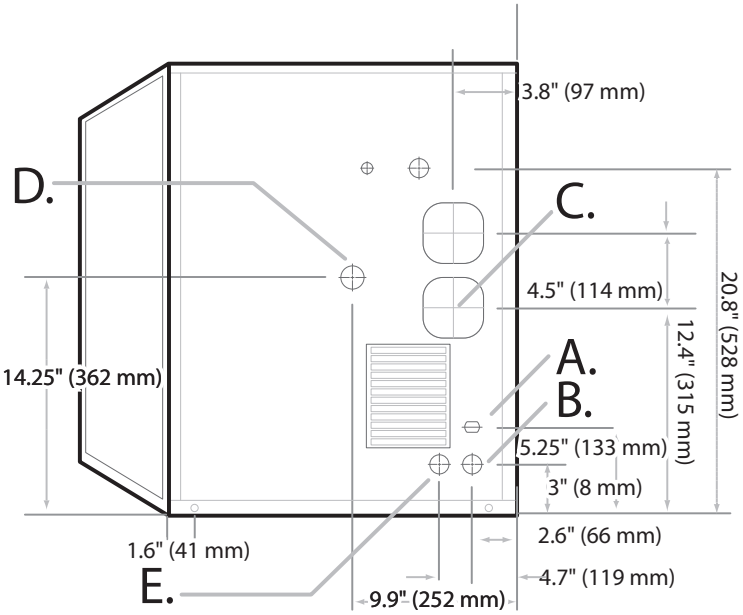
MFI0500 FLAKE ICE MAKER

Air Cooled

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

A. Ice maker potable water in, 3/8" FPT.
B. Drain, 3/4" FPT.
C. Hole for electrical connection.
D. Condenser inlet (water cooled only) 3/8" FPT
E. Condenser drain (water cooled only) 1/2" FPT.





Air & Water Cooled

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)	
Water Pressure	20 PSIG (1.4 BAR)	120 PSIG (8.3 BAR)

Dimensions

ALL MODELS	
W x D x H (in.)	21 x 24 x 27
W x D x H (mm)	533 x 610 x 686

Specifications

Model Number	Cond. Unit	Ice Production per 24 hrs		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 gal (l)	Condenser gal (l)					
MFI0500A	Air	540 (245)	380 (172)	12.0 (45.4)	-	4.50	115/60/1	16.0	20	5,600
MFI0500W	Water	541 (246)	460 (209)		68.4 (258.9)	3.80		14.4		

***BTUH is calculated to 0°F Evaporator, 100°F Condensing, and 33 PSIG.* When installing a modular MFI on a drink dispenser, the **KGEMDISP MUST** be used.

NOTES:
Number of Wires: 3 (including ground)
Approx. Shipping Weight lbs (kg): MFI0500AS 205 (93) • MFI0500WS 205 (93)
Refrigerant Type: R404A

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Rev: 01/18
Part: 7010

Ice-O-Matic
Ice. Pure and Simple

B55

Features

- Application storage capacity from 242 lbs (110 kg) to 854 lbs (388 kg).
- Multiple bin tops provide an easy solution for mounting ice makers on different sized bins.
- Polyethylene bin liner is insulated with foam for maximum ice preservation – 1.5" to 3" (38 mm to 76 mm).
- 31" deep for use where space is at a premium.
- Built-in ice scoop holders on certain models.
- Sturdy leg design – 6" (152 mm) adjustable NSF approved legs – standard.
- Durable aluminum finish.

Bin Accessories

Ice-O-Matic Part Number	Description
1011517-22	Plastic ice shovel
1011517-23	Hanging bracket for ice shovel
1011517-24	46.5" Plastic paddle
1051517-29	Hanging bracket for ice paddle
9051127-01	82 Ounce ice scoop

Single Ice Machine Configurations

Ice-O-Matic offers a full line of bins for most applications. From low profile slope-front bins to high capacity space-saving uprights, we have a bin to meet any need. The following table will help you create the system you need in a safe and cost effective manner.

Bin Model No.	Style	Application Bin Storage lbs (kgs)	Approximate Shipping Weight lbs (kgs)	CIM Series Cube Makers	ICE Series Cube Makers			Nugget Ice Makers	Flake Ice Machine
				30" (762 mm) wide	22" (559 mm) wide	30" (762 mm) wide	48" (1,219 mm) wide	21" (533 mm) wide	21" (533 mm) wide
B25PP*	Slope Front	242 (110)	74 (34)	ΔΔ	KBT19	ΔΔ	N/A	KBT19	KBT19
B40PS	Slope Front	344 (156)	103 (47)	ΔΔ	KBT19	ΔΔ	N/A	KBT19	KBT19
B42PS	Slope Front	351 (160)	99 (45)	N/A	ΔΔ	N/A	N/A	KBT24	KBT24
B55PS	Slope Front	510 (232)	125 (57)	ΔΔ	KBT19	ΔΔ	N/A	KBT19	KBT19
B110PS	Slope Front	854 (388)	163 (74)	BPF-1***	N/A	BPF-1***	ΔΔ	KBT23	KBT23

ΔΔ *Kit not required.* ΔΔ** *Ice clumping issues may arise.* * *Rotocast finish* N/A *Not Applicable*
** *ICE1506 is compatible with B700-30, B1000-48, B1300-48, B1325-60 & B1600-60.* *** *BPF-1 used with B110 ONLY. If you have an older model B100 bin use the KBT5.*

Side-by-Side Ice Machine Configurations

There are times when it is desirable to install 2 ice machines side by side on a bin. The reasons may range from gaining maximum output to creating redundancy. Ice-O-Matic offers an array of kits and bins with custom order tops for just such applications. The following table will help you create the system you need in a safe and cost effective manner.

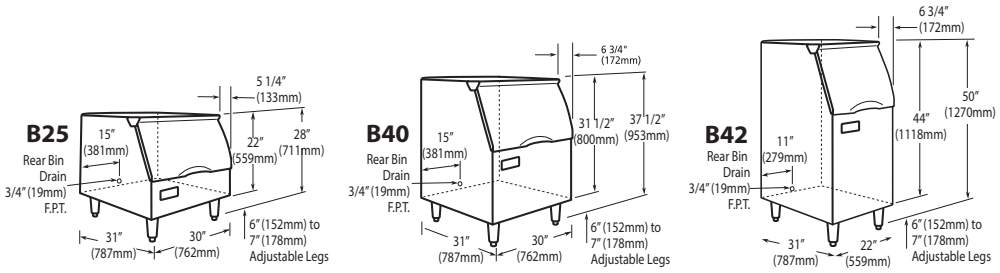
Bin Model No.	Style	Application Bin Storage lbs (kgs)	Approximate Shipping Weight lbs (kgs)	CIM Series Cube Makers	ICE Series Cube Makers			Nugget Ice Makers	Flake Ice Machine
				30" (762 mm) wide	Two 22" (559 mm) wide	Two 30" (762 mm) wide	Two 48" (1,219 mm) wide	Two 21" (533 mm) wide	Two 21" (533 mm) wide
B25PP*	Slope Front	242 (110)	74 (34)	N/A	N/A	N/A	N/A	N/A	N/A
B40PS	Slope Front	344 (156)	103 (47)	N/A	N/A	N/A	N/A	N/A	N/A
B42PS	Slope Front	351 (160)	99 (45)	N/A	N/A	N/A	N/A	N/A	N/A
B55PS	Slope Front	510 (232)	125 (57)	N/A	N/A	N/A	N/A	N/A	N/A
B110PS	Slope Front	854 (388)	163 (74)	N/A	N/A	N/A	N/A	KBT22	KBT22

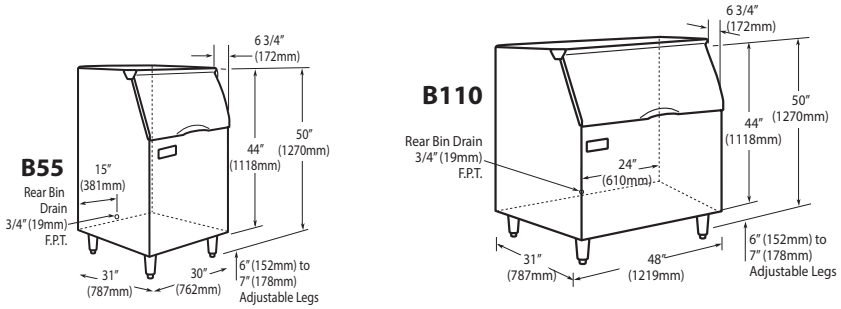
O *Must use remote or water cooled model only.* ΔΔ *Kit not required.* * *Rotocast finish* N/A *Not Applicable*
O* *Must use remote or water cooled model only; ice clumping issues may arise.* ΔΔ** *Ice clumping issues may arise.*

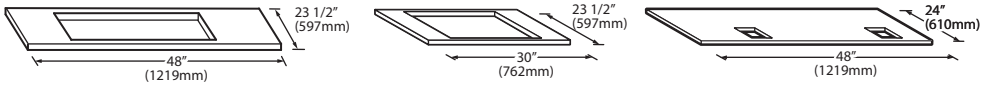
NSF Ice-O-Matic

SLOPE FRONT STORAGE BINS

Dimensions



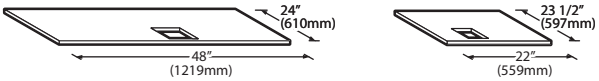




KBT5
Bin Top for 30" (762 mm)
ICE series cuber including the
ICE1506 family on a B100 bin

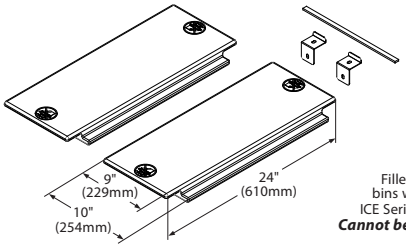
KBT19
Bin Top for 30" (762mm)
bins with 22" (559mm)
ICE Series Cube Ice Makers
GEM Series Ice Makers &
MFI Series Ice Makers

KBT22
Bin Top for 48" (1219mm)
bins with (2) 21" (533mm) wide
GEM Series Ice Makers
& MFI Series Ice Makers



KBT23
Bin Top for 48" (1219mm)
bins with (1) 21" (533mm) wide
GEM Series Ice Makers
& MFI Series Ice Makers

KBT24
Bin Top for 22" (559mm) bins
with (1) 21" (533mm) wide
GEM Series Ice Maker



BPF-1
Filler Panel for B110
bins with 30" (762mm)
ICE Series Cube Ice Makers
Cannot be used with the B100

NOTES:
Approx. Shipping Weight lbs (kg): B110 191 (87 kg) • B55 170 (77 kb) • B25 95 (43 kg) • B40 135 (61 kg) • B42 135 (61 kg)