

# Maestro™

## MF400 series flake ice machine



*MFD400ABT ice machine shown on Follett 425-30 ice storage bin, sold separately*

Maestro 400 series ice machine			
Ice type	Condenser	V/Hz/Ph	Item number
flake	air	115/60/1	<b>MFD400ABT</b>
		230/50/1	<b>MFE400ABT</b>
	water	115/60/1	<b>MFD400WBT</b>
		230/50/1	<b>MFE400WBT</b>



### Features

Follett modular flake ice machines offer the right ice for a broad range of healthcare and foodservice applications as well as exceptional reliability for long equipment life. Both air- and water-cooled models use environmentally responsible R404a refrigerant and produce approximately 400 lb/day (181 kg) of soft, moldable flake ice.

The required ice for clinical labs, rehab and medical research

- high surface area of flake ice chills quickly, maintains samples at desired temperature
- holds test tubes and lab vials securely, even when ice is melting
- molds well in ice bag and rehab applications for best skin contact and swelling control

Perfect for foodservice and grocery displays

- cradles fish and vegetables without bruising
- securely supports salad bar containers without tipping

Efficient, dependable design

- continuous icemaking process saves substantial water and electricity compared to cube ice, making flake ice displays more economical
- stainless steel frame and cabinet resist corrosion
- heavy-duty stainless steel evaporator, auger and top bearing deliver outstanding reliability
- solid-state PC board monitors torque and provides at-a-glance machine status
- high-pressure cut-out switch protects machine from water-loss and fan failure

Wide range of ice bins available to meet virtually every storage need

- compatible with more than 20 of Follett's ice storage bins
- stainless steel exteriors and polyethylene bin liners ensure long bin lives
- foamed CFC-free polyurethane insulation minimizes melting
- storage capacities from 400 lb (181 kg), widths from 22.00" (55.9 cm)

### Accessories

Water filter kit (item# 00130229, see form# 9905)

\_\_\_ ea. extra primary water filter cartridge (item# 00130245)

\_\_\_ ea. extra pre-filter cartridge (item# 00130211)

Carbonless water filter kit (item# 01050442)

\_\_\_ ea. extra primary water filter cartridge (item# 01050426)

\_\_\_ ea. extra pre-filter cartridge (item# 00130211)

SafeCLEAN™ environmentally responsible ice machine cleaner (item# 00132001)

Nu-Calgon® IMS-II sanitizer, 16 oz bottle (item# 00979674)

Job

Item

## Specification

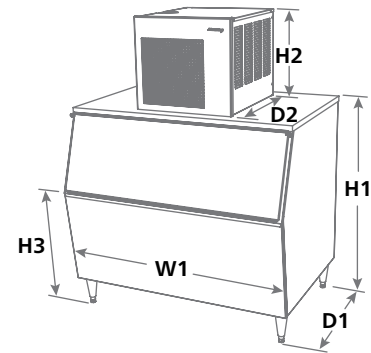
<b>W2</b> Width	18.88" (48.0 cm) fits on 22.00" wide dispensers or bins
<b>D2</b> Depth	20.75" (52.7 cm)
<b>H2</b> Height	17.00" (43.2 cm)
Service clearance	12.00" top - no front obstructions 6.00" on exhaust side (right side)
<b>C1</b> Electrical	11 amps, max fuse 20 amp, 7' (2 m) cord, NEMA 5-20 plug
115 V/60/1 – MFD400 models	
Electrical	5 amps, max fuse 20 amp, 7' (2 m) cord only
230 V/50/1 – MFE400 models	
<b>C2</b> Water inlet	3/8" OD push-in water inlet installation of an in line water filtration system is recommended
<b>C3</b> Drain <sup>1</sup>	3/4" MPT water-cooled models, require separate condenser drains
Water-cooled ice machine connections	<b>C4</b> – 1/4" FPT condenser inlet, <b>C5</b> – 1/4" FPT condenser drain
<b>C6</b> Ice bin signal cord	
Air temperature	50 -100 F (10 - 38 C)
Water temperature	45 - 90 F (7 - 32 C)
Potable water pressure	10 - 70 psi (69 - 483 kPa)
Condenser water pressure	10 - 125 psi (69 - 861 kPa)
Ice production at 70 F (21 C) air, 50 F (10 C) water	air-cooled models - 454 lb (206 kg) water-cooled models - 447 lb (202 kg)
Ice production at 90 F (32 C) air, 70 F (21 C) water	air-cooled models - 323 lb (147 kg) water-cooled models - 371 (168 kg)
Energy consumption	air-cooled models – 5.7 kWh, water-cooled models – 5.5 kWh per 100 lb (45 kg) ice
90 F (32 C) air, 70 F (21 C) water	
Heat rejection	air-cooled models – 5,000 BTU/hr, water-cooled models – 1400 BTU/hr to air, 3600 BTU/hr to water
Water consumption	12.6 gal (48 L) of potable water per 100 lb (45 kg) of ice (per AHRI test standards)
Water flow requirement for water-cooled condensers	73 gallons/ 100 lb of ice (276 L/45.4 kg) at 70 F (21 C)
Approximate ship weight	160 lb (73 kg)

NOTE: For indoor use only

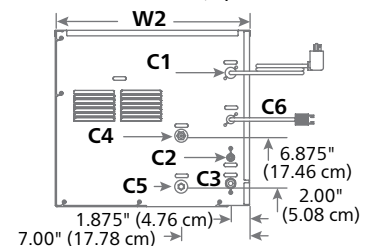
## SHORT FORM SPECIFICATION:

Ice machine to be Follett model number \_\_\_\_\_.  
Ice machine to be \_\_\_ air- or \_\_\_ water-cooled, with  
stainless steel exterior panels and plastic front cover. Ice  
machine production to be approximately 400 lb (181 kg)  
per day of flake ice at air temp. of 70 F (21 C), water  
temp. of 50 F (10 C). Ice machine to use environmentally  
responsible R404a refrigerant and to be equipped with  
printed circuit board with diagnostics for simplified  
servicing. Ice machine to have stainless steel evaporator,  
auger and top bearings, heavy-duty tapered roller  
bearings, and low water safety circuit. Ice machine to be  
NSF, UL and cUL listed. 230 V models CE compliant.

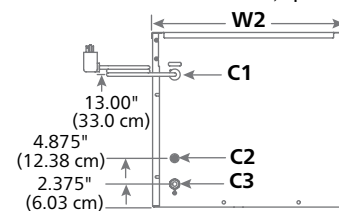
## Dimensional drawing



Back view — water-cooled, top mount



Back view — air-cooled, top mount



## Configure your ice machine with the following bin models

Slope front bin model	Maximum bin capacity lb (kg)	Cubic Volume cu ft (m)	Width - W1 in (cm)	Depth - D1 in (cm)	Height - H1 in (cm)	Door Sill Height - H3 in (cm)	Required door access in (cm)	Approximate ship weight lb (kg)
300-22*	300 (136)	9.6 (0.27)	22.00 (55.9)	29.50 (74.9)	40.00 (101.6)	26.00 (66.0)	23.00 (58.4)	128 (58)
425-30	430 (195)	13.8 (0.39)	30.00 (76.2)	29.50 (74.9)	40.00 (101.6)	26.00 (66.0)	31.00 (78.7)	144 (65)
650-44	660 (299)	20.8 (0.59)	44.00 (111.8)	29.50 (74.9)	40.00 (101.6)	26.00 (66.0)	32.00 (81.3)	178 (81)
950-48	950 (431)	30.1 (0.85)	48.00 (121.9)	28.25 (71.8)	50.00 (127.0)	36.00 (91.4)	32.00 (81.3)	207 (94)
1025-52	1030 (468)	32.6 (0.92)	52.00 (132.1)	28.25 (71.8)	50.00 (127.0)	36.00 (91.4)	32.00 (81.3)	217 (98)



# SCOTTY'S REFRIGERATION INC.

Commercial & Industrial Service & Installation



Tel: 519 720 0800

Fax: 519 720 0809

Toll Free: 1 800 323 3060

www.scottysinc.ca

## *Committed to Excellence*



**Scott Hardman**  
President / Owner



**Pearl Hardman**  
Owner



**Adam Hardman**  
Accounting Manager  
519 720 0800  
adam.hardman@scottysinc.ca



**Andrew Hardman**  
Service Manager  
519 761 9735  
andrew.hardman@scottysinc.ca



**David Gamble**  
General Manager  
519 761 0184  
david.gamble@scottysinc.ca



**Brian MacDonald**  
Sr. Construction Mgr.  
905 308 4289  
brian.macdonald@scottysinc.ca



**Mike Beckley**  
Construction Mgr.  
519 761 9768  
mike.beckley@scottysinc.ca



**Bill Leece**  
Purchaser  
519 720 0800  
bill.leece@scottysinc.ca



**Bob Hickey**  
Account Executive  
519 761 9762  
robert.hickey@scottysinc.ca



Chamber of Commerce  
Brantford - Brant



Certified Service Technicians

Fully Backed Installation Warranty