

# Maestro Plus™ ice machine bin

414 series for healthcare applications



## Features

Up to 425 lb (193 kg) of production and 75 lb (34 kg) of storage capacity. Perfect for space limited facilities. Less than 24.00" (61.0 cm) wide, the Maestro Plus ice machine bin will provide the capacity you need in a small footprint.

- Undercounter application without the legs: 33.00" (83.8 cm) tall unit will fit under standard counters. Teflon glides allow it to slide easily into place.
- Freestanding: 39.00" (99.1 cm) tall with legs

Flake ice is the preferred ice for blood banks, 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

## Efficient dependable design

- stainless steel evaporator, auger and top bearing provide durability
- oversized, heavy duty, tapered roller bearing ensures long low-maintenance life
- semi-automatic cleaning cycle reduces maintenance costs
- regular flushing improves ice quality and reduces scale

## Environmentally responsible

- R290 refrigerant has low environmental impact and nominal global warming potential
- energy-efficient, no costly defrost cycles
- 25% less energy than comparable capacity cube machines
- 40% less water than comparable capacity cube machines

## Designed for easy installation and service

- front ventilated - no side clearance required
- rear utility access allows for rear electrical and plumbing connection with no rear clearance required
- bin and shroud may be removed for service and maintenance

## Warranty

- 3 years parts and labor, 5 years compressor parts

Model configurations			
Ice Production	Ice type	V/Hz/Ph	Item number
<b>425 lb (193 kg)</b>	Micro Chewblet™	115/60/1	<b>UMD414A80†</b>
	Flake	115/60/1	<b>UFD414A80</b>

† ENERGY STAR® certified



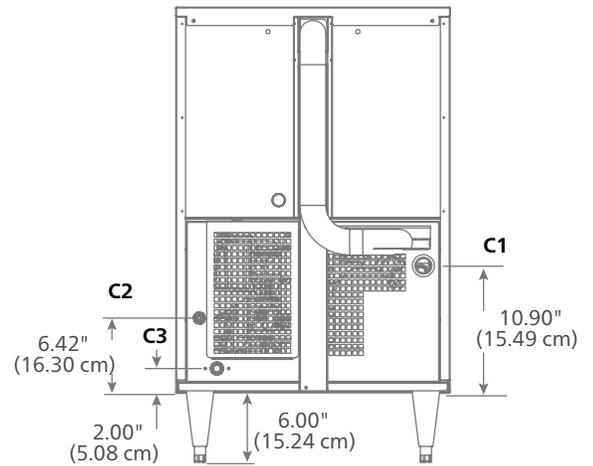
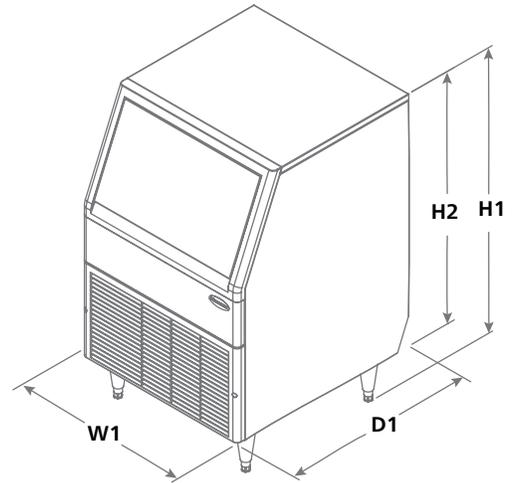
## Specification

Ice storage capacity	75 lb (34 kg)
<b>W1</b> Width	23.50" (59.7 cm)
<b>D1</b> Depth	26.00" (66.0 cm)
<b>H1</b> Height with legs	39.00" (99.1 cm)
<b>H2</b> Height without legs	33.00" (83.8 cm)
Service and ventilation clearance	front ventilated - no side, top or back clearance required
Utility connection location	back
<b>C1</b> Electrical	8 amps, 115 V/60/1, 7' (2 m) cord, NEMA 5-15 plug
<b>C2</b> Potable water inlet	3/8" push in
<b>C3</b> Drain	3/4" MPT when unit is installed without legs, floor drain must be within 6' (1.8 m)
Air temperature	50 - 100 F (10 - 38 C)
Water temperature	40 - 90 F (4 - 32 C)
Potable water pressure	10 - 70 psi (69 - 483 kpa) 0.7 Bar - 5 Bar max
Ice production at 70 F (21 C) air, 50 F (10 C) water	425 lb (193 kg)
Ice production at 90 F (32 C) air, 70 F (21 C) water	325 lb (147 kg)
Energy consumption 90 F (32 C) air, 70 F (21 C) water	5.4 kWh
Heat rejection	5,000 BTU/hr
Water consumption	12.0 gal (45.4 L) of potable water per 100 lb (45.4 kg) of ice
Refrigerant	R290
Approximate ship weight	194 lb (88 kg)

NOTE: For indoor use only. Designed for commercial use. Follett is not able to provide in-house services for residential installations.

SHORT FORM SPECIFICATION: Ice machine to be Follett model number \_\_\_\_\_ Ice machine to be air-cooled and production to be approximately 425 lb (193 kg) per day of \_\_\_\_\_ Micro Chewblet or \_\_\_\_\_ flake ice at air temp of 70 F (21 C) and water temp of 50 F (10 C). Ice storage capacity of up to 75 lb (34 kg). Ice machine to have stainless steel evaporator, auger, top bearings, heavy duty tapered roller bearings, and low water safety circuit. NSF and ETL listed.

## Dimensional drawing



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