



SensorSAFE infrared dispense (optional)



Ice and water dispensers					
lce storage capacity	Dispense	lce machine cooling	Voltage	Item number	
	lever	air	115 V/60 Hz	12CI400A-L	
			220 V/60 Hz	C12CI400A-L	
12 lb			230 V/50 Hz	E12CI400A-L	
(5.4 kg)		air	115 V/60 Hz	12CI400A-S	
	SensorSAFE		220 V/60 Hz	C12CI400A-S	
			230 V/50 Hz	E12CI400A-S	

Ice-only available, add -SI or -LI – Example 12CI400A-LI

### CI CI ΠП BS

#### Features

Narrow, 16" (41 cm) width

12 lb (5.4 kg) ice storage capacity

Integral air-cooled ice machine with up to 400 lb (181 kg) daily production of popular Chewblet® ice

- soft, chewable, compressed nugget ice is preferred over cubes<sup>1</sup> and is ideal for patient care

12 CI series countertop

- environmentally responsible R404a refrigerant with zero ozone depletion potential
- water and energy efficient
- stainless steel evaporator and auger
- quiet production without noisy harvest cycles

Symphony<sup>™</sup> ice and water dispenser with Chewblet ice machine

- slide-out electrical box with diagnostic circuit board

#### Durable, attractive dispenser

- stainless steel exterior with accent trim
- smooth contours for aesthetically appealing appearance
- corrosion-resistant poly drain pan and dispenser lid

#### Designed with sanitation in mind

- Agion<sup>®</sup> silver-based antimicrobial product protection of key ice and water contact components<sup>2</sup>
- one-hand lever or SensorSAFE™ infrared ice dispense reduces the chance of cross-contamination
- SensorSAFE not recommended for use with clear containers or for applications in direct sunlight

#### Installation

- comes fully assembled
- three easy connections electric, water and drain

#### Warranty

- 3 years parts and labor, 5 years compressor parts

#### Accessories

- **BS** Base stand (item# AF12CABINET)
- Water filter kit (item# 00130229)
- High capacity water filter kit (item# 00978957)
- 4" (10 cm) leg kit (item# AF10LBLEGS)

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

#### Job

Item

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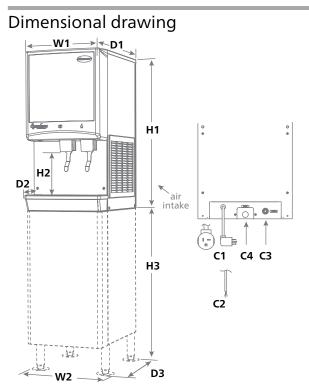




#### Specification

Specification	
Ice storage capacity	12 lbs (5.4 kg)
W1 Width	16.125" (41 cm)
D1 Depth, dispenser	23.5" (60 cm)
<b>D2</b> Depth, drain pan	5.5" (14 cm)
D3 Depth, base stand accessory	22" (56 cm)
H1 Height, dispenser	32.5" (83 cm)
H2 Dispense height clearance	9.3" (24 cm)
H3 Height, base stand accessory	33" (84 cm)
Ventilation clearance	6" (15 cm) top and right side
Service clearance	12" (30 cm) top
<b>C1</b> Electrical 115 V, 60 Hz	<ul> <li>115 V, 60 Hz – 1 phase, 13 amps, max. fuse 20 amps.</li> <li>8.5' (2.6 m) cord w/ NEMA 5-20 90° hospital-grade plug.</li> <li>If local code requires hard-wiring, separate disconnects also required.</li> </ul>
<b>C2</b> Electrical 220 V, 60 Hz or 230 V, 50 Hz	220 V, 60 Hz or 230 V, 50 Hz – 1 phase, 6.5 amps. 8.5' (2.6 m) cord only. Wire in accordance with local codes.
C3 Water inlet	3/8" FPT (230 V, 50 Hz and 220 V, 60 Hz models include kit to connect to BSP water fittings)
<b>C4</b> Drain	3/4" FPT
Utility connection location	through back or bottom
Air temperature	50 -100 F (10 - 38 C)
Water temperature	40 - 90 F (4 - 32 C)
Water pressure	10 - 70 psi (69 - 483 kpa)
Ice production at 70 F (21 C) ambient air, 50 F (10 C) inlet water	417 lbs (189 kg)
Ice production at 90 F (32 C) ambient air, 70 F (21 C) inlet water	280 lbs (127 kg)
Energy consumption 90 F (32 C) air, 70 F (21 C) water	5.7 kWh per 100 lbs (45.4 kg) ice
Heat rejection	5000 BTU/hr
Water consumption	12.6 gal (47.7 L) of potable water per 100 lbs (45.4 kg) of ice
Approximate ship weight	199 lb (90 kg)
NOTE: For indoor use only	

SHORT FORM SPECIFICATION: (Choose one) \_\_\_\_ Ice and water or \_\_\_\_ ice-only dispenser to be Follett<sup>®</sup> automatic load in countertop configuration, with 12 lbs (5.4 kg) of storage and separate ice and water chutes. Dispenser cabinet to be of stainless steel. Environmentally responsible R404a air-cooled ice machine to have 24 hour production capacity of approximately 400 lbs (181 kg) of Chewblet compressed nugget ice at water temp. of 70 F (21 C); air temp. of 90 F (32 C). Ice machine to be equipped with printed circuit board and diagnostics to allow simplified servicing. Dispenser to have automatic bin level control to start and stop ice machine. Storage area to be insulated with non-CFC, high density, foamed-in-place polyurethane. 8.5' (2.6 m) cord and NEMA 5-20 90° hospital-grade plug provided (220 V/230 V models, cord only). Dispenser to be NSF, UL and cUL listed. 230 V models also CE compliant.



Note: See dispenser detail, form# 2075 for counter cutouts

Agion is a registered trademark of Sciessent LLC.

1 Independent third party studies. Contact Follett for details.

2 Disclaimer: Antimicrobial protection is limited to the treated components and does not treat water or ice.

Symphony, SensorSAFE and SafeCLEAN are trademarks of Follett Corporation.

Chewblet and Follett are registered trademarks of Follett Corporation, registered in the US. Follett reserves the right to change specifications at any time without obligation. Certifications may vary depending on country of origin.

12 CI series countertop

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#### Top mount (A) air- or (W) water-cooled icemaker

 $\begin{array}{l} \textbf{MCD400ABT}-115 \text{ V}, 60 \text{ Hz}, \text{ air-cooled} \\ \textbf{MCE400ABT}-230 \text{ V}, 50 \text{ Hz}, \text{ air-cooled} \\ \textbf{MCD400WBT}-115 \text{ V}, 60 \text{ Hz}, \text{ water-cooled} \\ \textbf{MCE400WBT}-230 \text{ V}, 50 \text{ Hz}, \text{ water-cooled} \\ \end{array}$ 



MCD400ABT icemaker shown on Follett 425-30 ice storage bin, sold separately

Compact, reliable icemaker for use with Follett<sup>®</sup> ice storage bins. Stainless steel exterior with easily removable modern-style plastic facade. Both air- and water-cooled models use environmentally responsible R404A refrigerant. Production capacity up to 400 lbs (181 kg) of Chewblet ice in a 24-hour period.

#### **High performance Maestro icemakers**

- · Stainless steel evaporator, auger and top bearing
- Oversized, heavy duty, tapered roller bearings ensure long, low-maintenance life
- · Icemaker can be cleaned without contaminating ice
- Quiet production; no noisy harvest cycles

#### Lower utility bills

- · Energy-efficient, no costly defrost cycles
- 25% less energy than comparable capacity cube machines
- 40% less water than comparable capacity cube machines

#### **Easy installation**

 Cord and hospital-grade plug provided (230 V models, cord only)

#### Space-saving design

- Compact design only 18.875" wide x 20.75" deep x 17" high (479 mm x 591 mm x 432 mm)
- Perfect for use on Follett's 30" (762 mm) wide ice storage bin

#### **Consumer-preferred Chewblet ice**

- Preferred over cubes by more than 2:1\*
- · More reliable dispensing than nugget or pellet ice
- Slow melting, maintains drink temperature and quality, comparable to cubes
- · Higher displacement than cube ice
- Ice type great for use in ice packs and food displays 5/8" diameter x 1" (17 mm x 26 mm)

#### Accessories

- Water filter kit (item# 00130229)
- SafeCLEAN<sup>™</sup> environmentally responsible icemaker cleaner (item# 00132001)
- Ice scoop (item# ABICESCOOP)
- San Jamar Saf-T-Ice\*\* Guardian scoop system (item# 00146365)

JOB	
ITEM:	

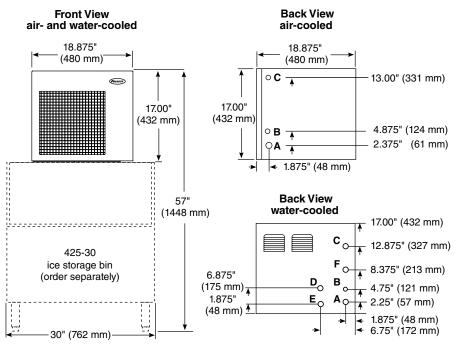


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\* Consumer study conducted by independent agency Roper ASW.

\*\* Saf-T-Ice is a registered trademark of San Jamar, a division of the Coleman Group, Inc. in the United States.

#### Maestro<sup>™</sup> Chewblet<sup>®</sup> ice icemaker



# air- and water-cooled

Side View



Plug

A – 3/4" MPT drain

- B 3/8" OD push-in water inlet
- C Electrical
- D 3/8" FPT condenser inlet (water-cooed only)
- E 3/8" FPT condenser drain (water-cooled only)
- F Bin signal cord

#### **Required clearances**

6" (153 mm) between exhaust side of icemaker and any adjacent equipment.

#### **Operating limits**

Ambient air temp. range – 50 F to 100 F (10 C to 38 C). Water temp. range – 45 F to 90 F (7 C to 32 C). Potable water pressure – 10 psi to 70 psi (69 kpa to 483 kpa). Condenser water pressure – 10 psi to 150 psi (69 kpa to 1035 kpa).

Standard electrical - MCD models, 115 V, 60 Hz, 1 phase,

11.0 amps, max. fuse 20 amps. Cord and plug provided with each icemaker, separate circuits required for each. If local code requires hard-wiring, separate disconnects also required.

Alternate electrical – MCE models, 230 V, 50 Hz, 1 phase, 5.0 amps, max. fuse 20 amps. Cord only. Ensure wiring is in accordance with all local codes.

#### Dimensions

Overall Dimensions					
Height Depth Width					
17.0" (432 mm)	20.75" (528 mm)	18.875" (480 mm)			

#### Approximate shipping weight 160 lbs (73 kg)

**Specifications** Icemaker to be Follett model number \_\_\_\_\_\_. Icemaker to be \_\_\_\_\_\_air or \_\_\_\_\_ water-cooled, with stainless steel exterior panels and plastic front cover. Icemaker production to be approximately 400 lbs (181 kg) per day of Chewblet ice at air temp. of 70 F (21 C), water temp. of 50 F (10 C). Icemaker to use environmentally responsible R404A refrigerant and to be equipped with printed circuit board with diagnostics for simplified servicing. Icemaker to have stainless steel evaporator, auger and top bearings, heavy-duty tapered roller bearings, and low water safety circuit. Icemaker to bNSF, UL and cUL listed. 230 V models also CE compliant.

Maestro and SafeCLEAN are trademarks of Follett Corporation.

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#### Ice production

Air-cooled icemaker capacity/24 hrs.

····	an ooolog loomator oapaoliy/24 mo.						
	Ambient Air Temperature F/C						
	F	60	70	80	90	100	
	С	16	21	27	32	38	
õ	50	510	454	397	335	273	lbs.
Inlet Water Temperature "F/C	10	232	206	180	152	124	kg.
three	60	482	435	389	329	270	lbs.
0era	16	219	198	177	150	123	kg.
due	70	454	417	380	323	266	lbs.
er Te	21	206	190	173	147	121	kg.
Vat	80	424	385	347	297	247	lbs.
et /	27	193	175	158	135	112	kg.
E	90	394	354	313	270	227	lbs.
	32	179	161	142	123	103	kg.

Water-cooled icemaker	r capacity/24 hrs.
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	Ambient Air Temperature F/C						
	F	60	70	80	90	100	
	С	16	21	27	32	38	
°,⊢°C	50	451	447	442	437	428	lbs.
	10	204	202	200	199	194	kg.
Inlet Water Temperature	60	423	413	409	399	394	lbs.
Sere	16	192	187	185	181	179	kg.
emi	70	394	390	380	371	361	lbs.
erT	21	179	177	172	168	163	kg.
Vat	80	371	361	352	342	333	lbs.
let /	27	168	163	160	155	151	kg.
=	90	352	342	333	323	309	lbs.
	32	160	155	151	146	140	kg.

#### Water flow requirements for water-cooled condensers

Water Temp. F°/C°	70/21
Water Flow: Gallons/100 lbs of ice Liters/46 kg of ice	73 276

#### **Energy consumption**

KWH per 100 lbs (46 kg) ice $^{+}$				
Air-cooled 5.7				
Water-cooled 5.5				

† Air temp. 90 F (32 C); water temp. 70 F (21 C)

#### Heat rejection data

Model	Heat rejected in BTU/hr			
	to air	to water		
Air-cooled	5000	n/a		
Water-cooled	1400	3600		

#### Water consumption

12.6 gal (48 L) of potable water usage per 100 lbs (46 kg) of ice.





Model E-DEV700SG-30 with SmartCART 75

#### Easy, safe to use!

#### No motors or augers

#### A better way to remove and transport ice!



Ice flows smoothly through chute into Totes when chute door is opened Elevated, chuted ice storage bin and cart systems use gravity to load ice into cart. Exceptional labor-savings, sanitation and safety for foodservice operations using cube and Chewblet<sup>®</sup> ice. (Not recommended for flake ice.)

Each model includes full stainless exterior bin and base, rotomolded polyethylene SmartCART<sup>™</sup> with 3 poly Totes<sup>™</sup>, stainless steel top cut for icemaker to be used, probe and rake tool set.

#### Two capacities to meet varied needs

 Space-saving 762mm (30") width – 209kg (460 lbs) or 308kg (680 lbs) storage capacity

#### Labor-saving ice removal

- Ice flows smoothly through chute into Totes when chute door is opened
- Eliminates need to shovel or scoop ice from bin
- Reduces ice removal time by up to 75%

#### Faster, safer ice transport

- Slim, 547mm (21.5") wide cart safely moves 34kg (75 lbs) of ice through narrow aisles (other cart sizes available)
- Oversized back wheels allow easy rolling over safety mats and uneven floors

#### Safe, sanitary, easy ice distribution

- Rugged poly Totes limit lifted weight to 11kg (25 lbs) for safer ice delivery
- Rectangular design facilitates pouring into beverage dispensers, wait stations and ice wells
- Dedicated-use Totes deliver more sanitary ice
- Hinged lid protects ice during transport

#### Convenient, safer SmartGATE<sup>™</sup> access

- · First ice in is first ice out
- · Provides positive control of ice flow into access door area
- SmartGATE slots allow safer breaking of ice bridges through gate, reduce spillage
- Locks open in 3 positions
- · Returns easily to full down position even when bin is full

#### **Durable polyethylene lift doors with PowerHinge**

- Doors stay safely open no door catches
- · No sharp corners to injure workers
- · Molded-in gasket never needs replacing
- Easy one-hand open and close

#### Non-corroding poly liners

- · Eliminates pitting, corrosion, staining from released chlorine
- Makes cleaning easy

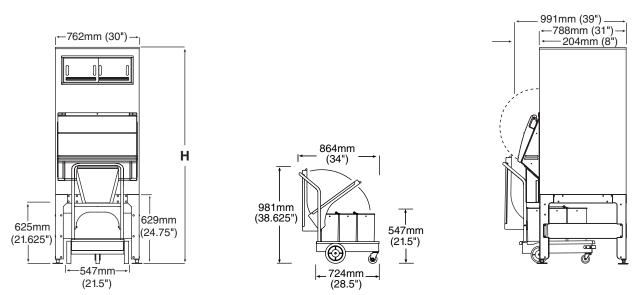
#### **Optional Accessories (refer to form# 3435)**

· Additional cart and Totes



#### Front View\*

Side View\*



\* Shown with SmartCART 75

#### **General Notes**

Follett recommends installation of a floor drain with grate with all ice storage bins. Consider cart positioning when locating the drain. Clearance required to pull cart from below bin — minimum 661mm (26"), optimal 1016mm (40").

Model Number	Cubic Volume m (cu ft)	Max. Bin Capacity kg (lb) <sup>1</sup>	Width mm (in)	Height mm (in)	Req'd Door Access mm (in) <sup>2</sup>	Approx. Ship Weight kg (lb)
E-DEV500SG-30-75	.41 (14.8)	209 (460)	762 (30)	1570 (62.0)	788 (31)	136 (299)
E-DEV700SG-30-75	.61 (21.7)	308 ( 680)	762 (30)	1969 (77.5)	788 (31)	146 (321)

#### Notes:

- 1 Computed on cubic volume of bin. Does not reflect cart capacity or voids that can occur due to pyramiding.
- 2 Required clearance for installation access through doors (may require removal of door assembly).

#### Warranty

- The cabinet exterior, including top and trim, and the interior liner will be free of corrosion for five years from the date of installation.
- Doors, inspection windows, ice gates, and all other integral components are covered against defects in material or workmanship for five years from date of installation. Installation date shall not exceed 90 days from date of shipment.
- Ice transport carts, scoops, paddles, shovels, rakes and other accessories are covered against defects in material or workmanship for two years from date of installation. Installation date shall not exceed 90 days from date of shipment.

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Follett reserves the right to change specifications at any time without obligation. Certifications may vary depending on country of origin.





Ice & Water Dispensers

# splash!

Make a splash in fitness! Metabolizing eight glasses of ice cold water daily burns the calorie equivalent of 3 - 4 pounds per year.



# Refresh!

#### Enjoy an ice cold benefit.

Follett ice and water dispensers allow you to provide fresh, filtered water with the added benefit of Chewblet<sup>®</sup> ice. Ice makes everything taste better – water, tea, coffee, soda and flavor packets.

#### Always in good taste.

Water delivered by a Follett ice and water dispenser has a wonderfully clean taste when it's filtered to eliminate chlorine, off-tastes and odors. The optional Follett filtering systems also remove dirt and impurities – so what pours into your cup is crisp, clean  $H_2O$ .

# Rejuvenate!

#### Enhance health and productivity.

Good hydration is known to reduce fatigue, increase mental acuity and retention, and enhance overall well-being. When water stays icy cold, it's more enticing and encourages greater consumption, leading to better hydration.

#### Keep it clean. Keep it sanitary.

Help prevent the spread of germs and bacteria by eliminating icemakers that require scooping by hand. Follett's capacitive touch, lever and SensorSAFE<sup>™†</sup> dispensing options ensure that ice and water go directly into the cup. You can be confident that ice remains untouched until it is consumed.

All Follett dispensers are Certified by NSF International, the Public Health and Safety Company.

† SensorSAFE™ dispensing requires use of opaque drinkware for sensors to operate properly. \*NSF is a registered trademark of NSF International.



Hands-free ice dispensing...

is more sanitary than scooping ice!





# clink!

Studies have shown that Follett Chewblet ice is the hands-down favorite ice type! Chewblet ice supports beverage offerings such as iced coffee, iced tea, and flavor packets in addition to water.

# Renew!

#### A beautiful upgrade.

Sleek, compact Follett ice and water dispensers help renew office aesthetics. Follett offers the industry's widest range of ice and water dispensers with countertop, undercounter or freestanding styles to perfectly complement your environment and to meet the ice and water needs of your facility.

#### A new offering.

The new 7 Series family comes in countertop, undercounter and freestanding models. Place the countertop model on a counter under standard mill work cabinets with 18" (457 mm) clearance. The undercounter model can easily replace other undercounter icemakers that require using a scoop. All 7 Series models feature a drainless design that makes installation and maintenance easy.





# shine!

Follett dispensers are the perfect amenity for break rooms, vending areas, cafeterias, reception and show room hospitality stations, conference rooms, and executive suites.





# Relax!

#### We have what you need.

Follett offers the industry's largest selection of ice and water dispensers with more than 35 sizes and configurations to meet your needs – countertop, freestanding, wall-mount and undercounter configurations.

In addition, there are various icemaker options that include integral, removable, and Satellite-fill<sup>™</sup>. Our patented Satellite-fill technology allows you to locate the icemaker up to 20' (6.1 m) away from the dispenser.

Dispense options include capacitive touch, lever and SensorSAFE infrared dispensing.  $^{\dagger}$ 

#### Dispenser sizing guidelines for employee refreshment

Model	lce Storage Ibs (kg)	Ice Production Ibs (kg) per hr	Number of people served
7 Series	7 lbs (3 kg)	4.5 lbs (2 kg)	up to 25
12 Series	12 lbs (5 kg)	15 lbs (6.8 kg)	up to 50
25 Series	25 lbs (11 kg)	15 lbs (6.8 kg)	up to 100
50 Series	50 lbs (23 kg)	15 lbs (6.8 kg)	up to 200
110 Series	90 lbs (41 kg)	16 lbs (7.3 kg)	up to 350

The number of employees served will depend on daily usage patterns, number of employees that like ice, size of cups, climate, time of year, other uses for ice (e.g., filling pitchers for meetings).

Contact a Follett representative to evaluate your specific needs.

#### Reduce your carbon footprint.

The icemaker in a Follett dispenser uses 50% less electricity and 70% less water to produce ice than cube-type icemakers typically found in employee refreshment areas.

† SensorSAFE™ dispensing requires use of opaque drinkware for sensors to operate properly.







#### **Dispenser configurations**

Model	Undercounter integral icemaker	Countertop integral icemaker	Countertop Satellite-fill icemaker	Wall mount integral icemaker	Wall mount Satellite-fill icemaker	Freestanding icemaker in base	Freestanding* integral icemaker	
7 Series	•	•					•	
7 Series ADA <sup>+</sup>	•	•						
12 Series		•		•	•		•	
25 Series		•	•	•	•	•	•	
50 Series		•	•	•	•	•	•	
110 Series		•	•			•	•	

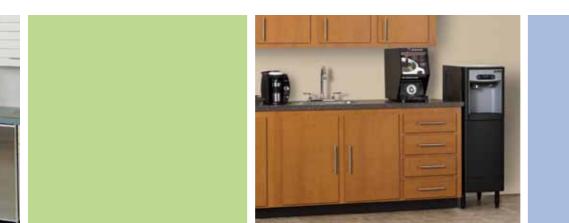
†ADA model is designed to fit under 34" (864 mm) high counters. \* With optional base for 12 - 110 Series models.

#### Easy installation and maintenance.

Follett ice and water dispensers are dependable, easy to install, and easy to maintain. Most models are self-contained, single units with no assembly required; just provide a water line and a drain. And the new 7 Series dispenser does not even require a drain!

#### Outstanding product support.

Each Follett ice and water dispenser is backed by a two-year, full parts and labor warranty and a five-year warranty on compressor parts. Follett provides toll free factory-direct service and parts support as well as free technical training seminars.





# innovate!

Create a hydration station for central dispatch locations, road crews, or mining operations and make wellness and hydration easy.



Ice Pro



Vision

# Find!

#### Solutions to keep employees hydrated.

An Ice Pro<sup>™</sup> automatic ice dispenser provides fast, safe, sanitary dispensing of ice.

A low-profile Vision<sup>™</sup> ice and water dispenser with undercounter ice storage provides a high-capacity alternative for ice and water.





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Horizon 700 se	eries ice mad	chine		
Use/application	Installation/ mounting	lce machine cooling	Voltage/Hz	Item number
			115/60	HCD700ABT
		air	208-230/60	HCC700ABT
	top		230/50	HCE700ABT
	mounted		115/60	HCD700WBT
		water	208-230/60	HCC700WBT
with ice storage bin			230/50	HCE700WBT
			115/60	HCD700ABS
		air	208-230/60	HCC700ABS
			230/50	HCE700ABS
	RIDE		115/60	HCD700WBS
		water	208-230/60	HCC700WBS
			230/50	HCE700WBS
with Follett Vision™ dispenser	RIDE	air	115/60	HCD700AVS
			208-230/60	HCC700AVS
			230/50	HCE700AVS
		water	115/60	HCD700WVS
			208-230/60	HCC700WVS
			230/50	HCE700WVS
		air	115/60	HCD700AHT*
			208-230/60	HCC700AHT*
	top		230/50	HCE700AHT*
	mounted		115/60	HCD700WHT*
with ice and		water	208-230/60	HCC700WHT*
beverage			230/50	HCE700WHT*
dispenser			115/60	HCD700AHS
(by others)		air	208-230/60	HCC700AHS
	DIDE		230/50	HCE700AHS
	RIDE		115/60	HCD700WHS
		water	208-230/60	HCC700WHS
			230/50	HCE700WHS
			115/60	HCD700AJS
		air	208-230/60	HCC700AJS
with drop-in	DIDE		230/50	HCE700AJS
dispenser (by others)	RIDE		115/60	HCD700WJS
(by others)		water	208-230/60	HCC700WJS
			230/50	HCE700WJS

NOTE: For Micro Chewblet ice, replace second character (C) with an M e.g. HMD700ABT

#### self-contained 700 series Chewblet<sup>®</sup> ice machine

Horizon

#### Short form specification:

Ice machine to be a Follett® Horizon Chewblet ice machine model

[Insert size/series, condenser type & installation/mounting, from model number guide] capable of producing compressed nugget ice using an efficient, sanitary horizontal evaporator/auger system and delivering ice by a flexible wire reinforced transport tube to  $\Box$  ice storage bin,  $\Box$  ice and water dispenser,  $\Box$  ice and beverage dispenser,  $\Box$  drop-in dispenser and provided with a stainless steel frame and exterior, slide-out compressor/condenser with utility docking station, front-mounted unit status display, automatic self-flush, and semiautomatic cleaning & sanitizing system, plus all the features listed:

#### Features

Horizon Chewblet ice machine with up to 675 lb (306.2 kg) daily production of popular Chewblet ice

- automatically transport ice through a tube with RIDE® technology from up to 75' (22.8 m) away (10' (3 m) for Micro Chewblet ice)
- soft, chewable, compressed nugget ice is preferred over cubes<sup>1</sup>
- Chewblet ice dispenses reliably from ice and beverage dispensers
- available with approximately 1.00" (2.54 cm) long standard Chewblet ice or optional 3/8" (0.95 cm) long Micro Chewblet ice
- environmentally responsible R404a refrigerant with zero ozone depletion potential
- water and energy efficient
- quiet production without noisy harvest cycles

Durable, attractive ice machine

- regular bearing inspection or replacement is not required
- easy-to-read LED operating status and diagnostic display
- smooth contours for aesthetically appealing appearance

Designed with sanitation in mind

- Agion  $^{\circ}$  silver-based antimicrobial product protection of key ice and water contact components  $^{2}$
- aluminum-bronze evaporator has antimicrobial properties
- automatic self-flushing reduces water scale buildup
- floatless, sealed design inhibits formation of biofilms
   semi-automatic cleaning and sanitizing system

#### Agency approvals



#### Warranty

- 3 years parts and labor, 5 years compressor parts





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#### Accessories

Harmony<sup>™</sup> conversion top kit for ice and beverage dispensers (listed on page 4)

Water filter kit (item# 00978957) See form# 9905 for details

Wall mount bracket (item# 00997098) See form# 3311 for details Ice machine stand, height-adjustable (item# 00997080)

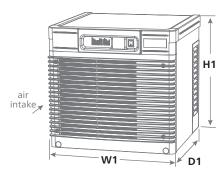
Timer to control one or two Horizon ice machines (item# 00967265) See form# 3311 for details

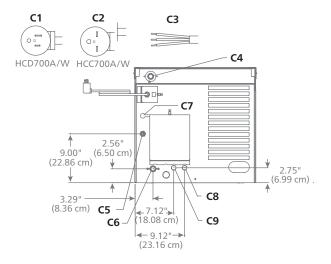
Longer ice transport tube (10'/3 m is standard) – Specify length: \_\_\_\_\_ft/m in 5'/1.5 m increments

#### Specification

<b>W1</b> Width	22.62" (57.4 cm) Fits on 22.00" wide dispensers
D1 Depth	24.25" (61.6 cm)
H1 Height	21.12" (53.6 cm)
Ventilation clearance	air-cooled models only Top mount – 1.00" (2.54 cm), RIDE – See pp. 5-6 for details
<b>C1</b> Electrical 115 V, 60 Hz – HCD700 models	1 phase, 10.3 amps, requires dedicated 15 amp circuit, 6.5' (2 m) cord, NEMA 5-15 plug. If local code requires hard-wiring, separate disconnects also required.
<b>C2</b> Electrical 208-230 V, 60 Hz – HCC700 models	1 phase, 7.0 amps, requires dedicated 15 amp circuit, 6.5' (2 m) cord, NEMA 6-15 plug. If local code requires hard-wiring, separate disconnects also required.
<b>C3</b> Electrical 230 V, 50 Hz – HCE700 models	1 phase, 7 amps, requires dedicated 15 amp circuit, 6.5' (2 m) cord only Separate circuits required for each ice machine.
C4 Ice transport tube	See page 7 for details
C5 Water inlet	3/8" OD push-in water inlet
C6 Drain	3/4" MPT - (Vented T required)
<b>C7</b> Ice bin signal cord	for Vision applications only
Water-cooled ice machine connections	<b>C8</b> – 1/4" FPT condenser inlet, <b>C9</b> – 1/4" FPT condenser outlet
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	30 - 150 psi (207-1034 kPa)
Ice production	See ice production charts on page 8
Energy consumption 90 F (32 C) air, 70 F (21 C) water	air-cooled models – 5.2 kWh, water-cooled models – 3.9 kWh per 100 lb (45.4 kg) ice
Heat rejection - HCC & HCD models	air-cooled models – 8,850 BTU/hr, water-cooled models – 10,150 BTU/ hr to water
Heat rejection - HCE models	air-cooled models – 6,200 BTU/hr, water-cooled models – 7,110 BTU/ hr to water
Water consumption	12 gal (45.4 L) of potable water per 100 lb (45.4 kg) of ice (per AHRI test standards) 12.5 gal (47.3 L) including periodic flushing
Water flow requirement for water-cooled models	140 gallons/100 lb of ice (530 L/45.4 kg), .5 gallons per minute
Approximate ship weight	190 lb (86.2 kg)
NOTE: For indoor use only	

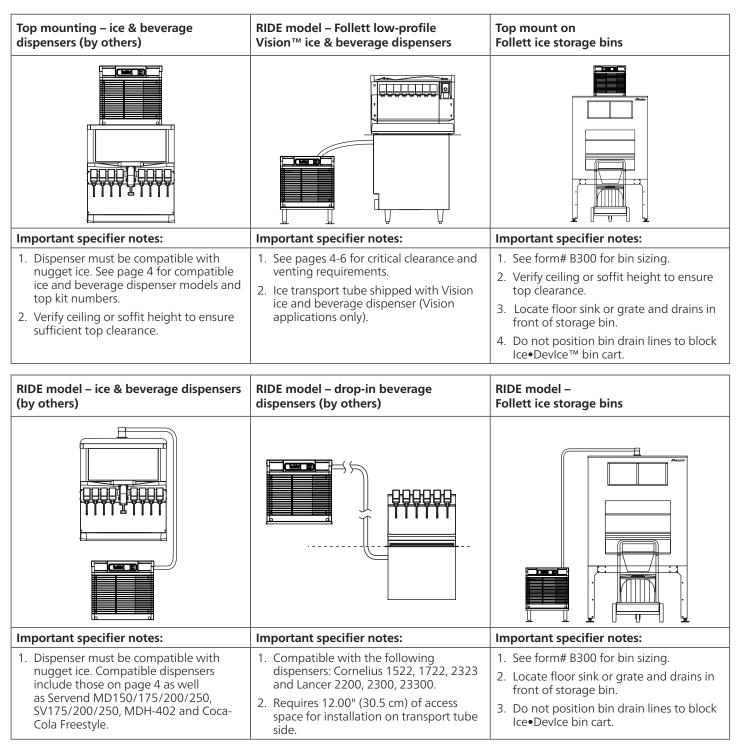
#### **Dimensional drawing**





#### 1 – Locating the ice machine

Horizon self-contained Chewblet ice machines allow top-mounting or mounting in a base cabinet, on a wall or on a floor stand up to 75' (22.9 m) from the dispenser or ice bin with RIDE technology (10' (3.0 m) for Micro Chewblet ice). In-cabinet mounting (RIDE applications) require special attention to service access, unit ventilation and ice tube runs (see pages 4-6).



#### 1 – Locating the ice machine (continued)

Manufacturer	Model Number	Width in (cm)	Depth† in (cm)	Height** in (cm)	Harmony top kit – specify "F" for front facing, or "B for backward facing units
	4500-22N	22.00 (56)	30.50 (78)	36.66 ( 93)	HTL22SC-7F
	4500-30N / Chewable ice dispenser	30.00 (76)	30.50 (78)	36.66 ( 93)	HTL30SC-7F
Lancer dispensers	FS-22N	22.00 (56)	30.50 (78)	41.28 (105)	HTL22SC-7F
dispensers	FS-30N	30.00 (76)	30.50 (78)	41.28 (105)	HTL30SC-7F
	FS-44N#	44.75 (114)	30.38 (77)	42.72 (109)	HTL22SC-7F <sup>#</sup>
	DB/ED/DF 150 series	22.00 (56)	30.75 (78)	35.63 (91)	HTC22SC-7F
	DB/ED/DF 175 series	24.50 (62)	30.00 (76)	35.63 (91)	HTC24SC-7F
	DB/ED/DF 200 series	30.00 (76)	30.95 (79)	35.63 (91)	HTC30SC-7F
Cornelius	DB/ED/DF 250 series	30.00 (76)	30.95 (79)	39.63 (101)	HTC30SC-7F
dispensers	DB/ED/DF 300 series	44.38 (113)	30.00 (76)	39.63 (101)	HTC44SC-7 (F or B)
	FlavorFusion / Overload	30.00 (76)	33.00 (84)	41.00 (104)	HTC30SC-7F-FF
	IDC215	30.00 (76)	29.88 (76)	36.69 (93)	HTC30SC-7F-IDC
	IDC255	30.00 (76)	33.13 (84)	39.75 (101)	HTC30SC-7F-IDC
Servend dispensers	MDH-302	42.75 (109)	30.50 (77)	35.16 ( 89)	HTS44SC-7 (F or B)

#### Top mounting – compatible ice & beverage dispensers\*

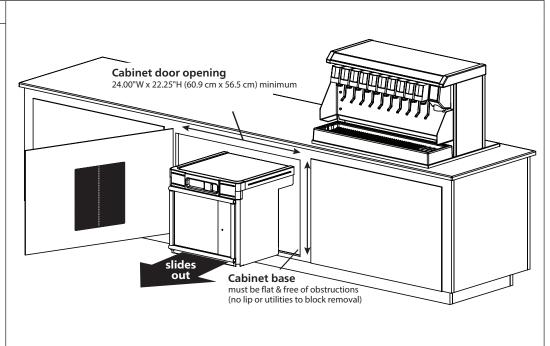
\*\* Net height after installation of top kit (scluding height of ice machine). # FS-44N consists of 2 separate 22" (55.9 cm) dispensers. A top kit is needed for each Horizon ice machine ordered.

#### 2 – Undercounter/in-cabinet mounting

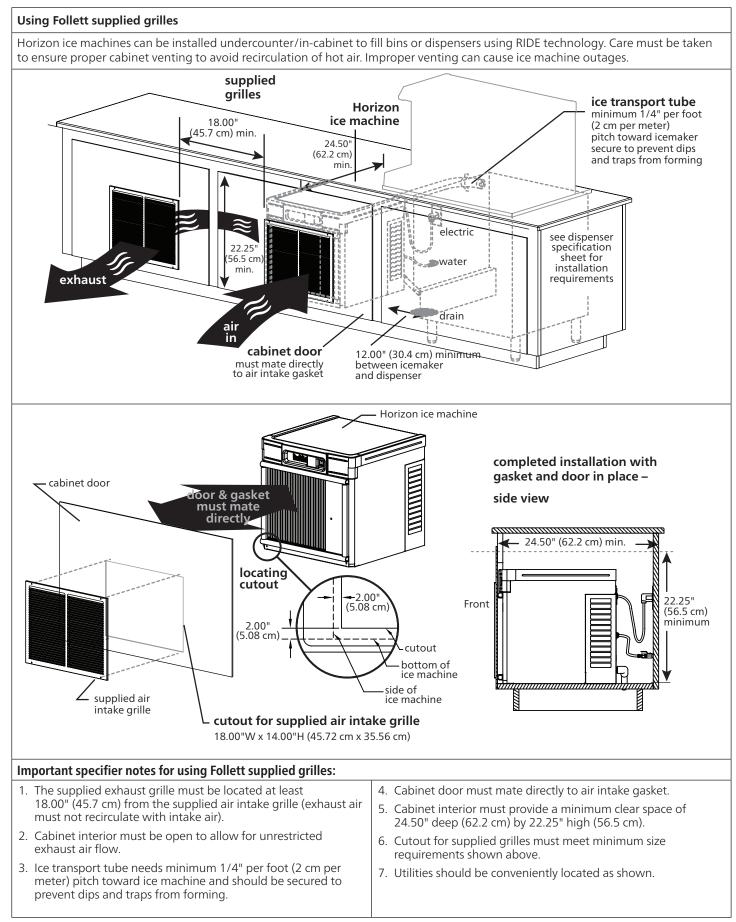
#### **Cabinet details**

#### Important specifier notes

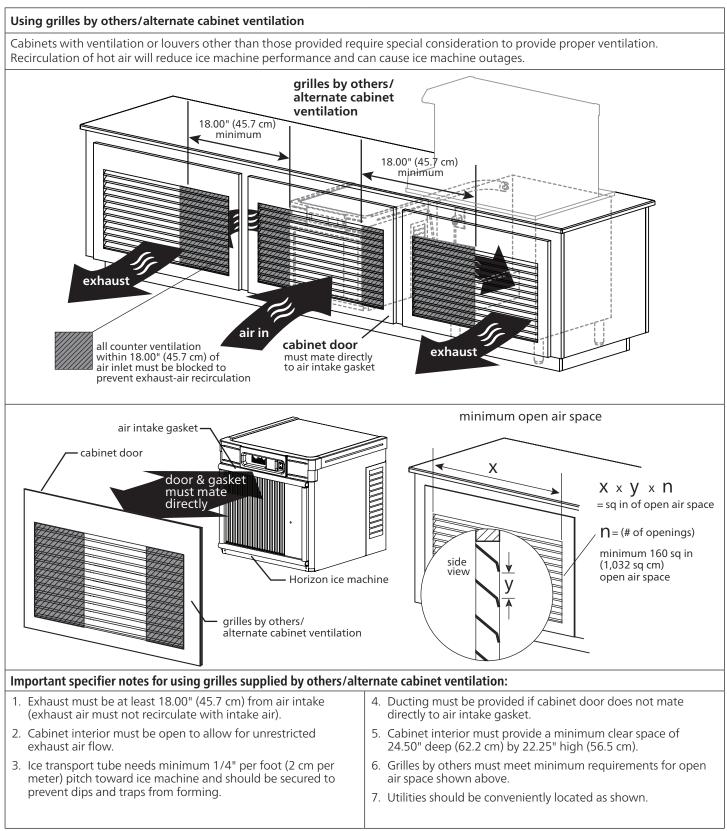
- 1. Cabinet door opening must meet minimum size requirements shown and be free of obstructions to allow ice machine to slide out (no lip or utilities to block removal).
- 2. Cabinet base must be capable of supporting ice machine and allow ice machine to rest flat on cabinet bottom.
- 3. No counter supports, electric or plumbing can run in front of the ice machine.



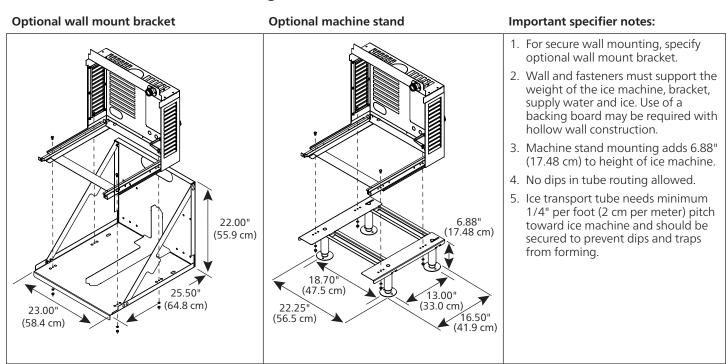
#### 3 – Undercounter/in-cabinet mounting and ventilation



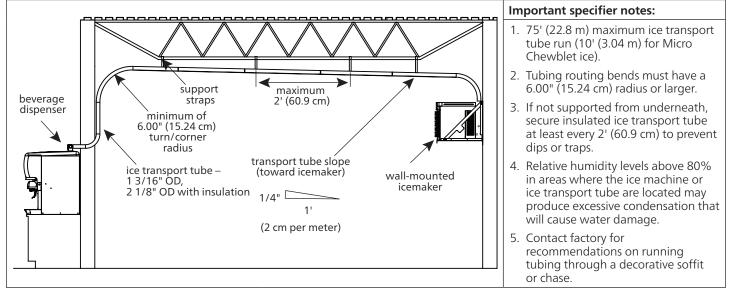
#### 3 – Undercounter/in-cabinet mounting and ventilation (continued)



#### 4 – Horizon ice machine mounting accessories



#### 5 - Horizon ice tube runs - specifier guidelines



#### Long tube runs for RIDE remote ice delivery equipment

#### Ice production – Horizon 700 series, air-cooled 60 Hz

Inlet water	Ambient air temperature F (C)							
temperature F (C)	60 (16)	70 (21)	80 (27)	90 (32)	100 (38)			
50 F (10 C)	740 (336)	675 (306)	644 (292)	586 (266)	565 (256)			
60 F (16 C)	714 (324)	673 (305)	618 (280)	559 (254)	529 (240)	lb/kg		
70 F (21 C)	651 (295)	643 (292)	589 (267)	525 (238)	512 (232)			
80 F (27 C)	649 (294)	609 (276)	561 (254)	506 (230)	478 (217)	24 hour ice production		
90 F (32 C)	600 (272)	583 (264)	519 (235)	499 (226)	441 (200)	24 h pro		

#### Ice production - Horizon 700 series, water-cooled 60 Hz

Inlet water	Ambient air temperature F (C)							
temperature F (C)	60 (16)	70 (21)	80 (27)	90 (32)				
50 F (10 C)	672 (305)	665 (302)	660 (299)	656 (298)				
60 F (16 C)	600 (272)	597 (271)	584 (265)	582 (264)	lb/kg			
70 F (21 C)	544 (247)	541 (245)	539 (244)	535 (243)	on Ib			
80 F (27 C)	521 (236)	515 (234)	506 (230)	504 (229)	hour ducti			
90 F (32 C)	506 (230)	504 (229)	501 (227)	500 (227)	24 ł pro			

#### Ice production – Horizon 700 series, air-cooled 50 Hz

Inlet water temperature F (C)	Ambient air temperature F (C)							
	60 (16)	70 (21)	80 (27)	90 (32)	100 (38)			
50 F (10 C)	651 (295)	600 (272)	571 (259)	518 (235)	460 (209)			
60 F (16 C)	620 (281)	574 (260)	531 (241)	492 (223)	443 (201)	lb/kg		
70 F (21 C)	572 (260)	538 (244)	506 (229)	479 (217)	416 (189)	e c		
80 F (27 C)	569 (258)	519 (235)	493 (224)	452 (205)	415 (188)	24 hour i productio		
90 F (32 C)	537 (244)	504 (229)	471 (214)	430 (195)	389 (177)	24   pro		

#### Ice production - Horizon 700 series, water-cooled 50 Hz

Inlet water	Ambient air temperature F (C)						
temperature F (C)	60 (16)	70 (21)	80 (27)	90 (32)			
50 F (10 C)	608 (276)	600 (272)	592 (269)	583 (265)			
60 F (16 C)	578 (262)	571 (259)	567 (257)	548 (249)	lb/kg		
70 F (21 C)	556 (251)	540 (245)	537 (244)	528 (239)			
80 F (27 C)	530 (241)	521 (236)	514 (233)	489 (222)	hour ice duction		
90 F (32 C)	515 (233)	512 (232)	508 (230)	484 (219)	24   pro		



Agion is a registered trademark of Sciessent LLC.

1 Independent third party studies. Contact Follett for details.

2 Disclaimer: Antimicrobial protection is limited to the treated components and does not treat water or ice.

Horizon, Vision, Ice•DevIce and SafeCLEAN are trademarks of Follett Corporation.

Chewblet, Follett and RIDE are registered trademarks of Follett Corporation, registered in the US. Follett reserves the right to change specifications at any time without obligation. Certifications may vary depending on country of origin.

Self-contained 700 series ice machine

Form #4095 12/12 © 2012 Follett Corporation









NOTE: For use in applications with less than 400 mg/l total dissolved solids in water and less than 200 mg/l hardness (either naturally occurring or treated with reverse osmosis or other TDS reducing technology). Not recommended for use with softened water.



230 V 50 Hz – ice and water dispensers						
Ice storage capacity	Configuration	Filter*	Item number			
	countertop	no filter	E7CI100A-IW-NF-ST-00			
	ice and water	internal	E7CI100A-IW-CF-ST-00**			
	freestanding ice and water	no filter	E7FS100A-IW-NF-ST-00			
3.2 kg	ice and water	internal	E7FS100A-IW-CF-ST-00			
(7 lb)	countertop	no filter	E7CI100A-NW-NF-ST-00**			
	ice-only	internal	E7CI100A-NW-CF-ST-00			
	freestanding	no filter	E7FS100A-NW-NF-ST-00			
	ice-only	internal	E7FS100A-NW-CF-ST-00			

\* Internal filter is a 5 micron particle and carbon filter. \*\* E7CI100A-IW-CF-ST-00 and E7CI100A-NW-NF-ST-00 are also available from Pruczcz, Gdanski, Poland and include BSP fitting kit and backflow preventer.

## F7 Series ice and water dispenser with Chewblet® ice machine

#### countertop and freestanding

#### Features

Compact size, only 44.7 cm (17.59") tall to fit on counters under standard cabinets

#### 3.2 kg (7 lb) ice storage capacity

Integral air-cooled ice machine with up to 54.4 kg (120 lb) daily production of popular Chewblet ice

- designed to serve up to 25 people (140 servings per 10 hr day<sup>1</sup>)
- soft, chewable, compressed nugget ice is preferred over cubes<sup>2</sup>
- environmentally responsible R134a refrigerant with zero ozone depletion potential
- energy saving sleep mode
- quiet production without noisy harvest cycles

#### Durable, attractive dispenser

- modern styling, stainless steel exterior with accent trim
- dispense-activated soft blue light illuminates point-of-use
- easy-to-clean, removable 590 ml (20 oz) drip tray
- dispenser top can support 16 kg (35 lb)

#### Designed with sanitation in mind

- Agion<sup>®</sup> silver-based antimicrobial product protection of key ice and water contact components<sup>3</sup>
- sanitary ice dispense reduces chance of contamination

#### Installation

- comes fully assembled
- two easy connections electric and water
- drainless design allows dispenser to be placed anywhere a water line can be run and eliminates the cost of a drain installation

#### Warrantv

- 2 years parts and labor, 5 years compressor parts

#### Accessories

Base stand for converting countertop models (item# 00956292) 10.16 cm (4.00") leg kit for CI - countertop models (item# 00956300) 15.24 cm (6.00") leg kit for FS - freestanding models (item# 00956318) Drip tray drain kit for countertop models (includes 10.16 cm (4.00") legs) (item# 00981977)

Drip tray drain kit for models other than countertop (item# 00956375) Ice machine cleaning and sanitizing kit, single use (item# 00979856) Cartridge, replacement 5 micron particle/carbon (item# 00968107) Claris<sup>4</sup> hardness removal filtration system (item# 00986059)

Job

Item





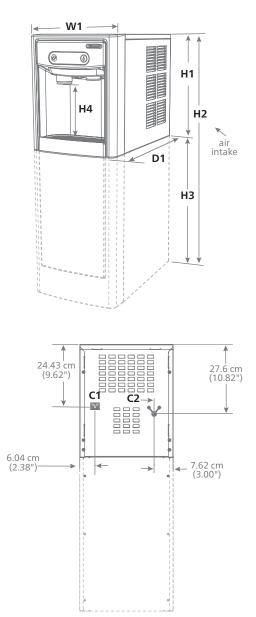
#### Specification

Specification	
Ice storage capacity	3.2 kg (7 lb)
W1 Width	37.1 cm (14.62")
D1 Depth	56.2 cm (22.12")
H1 Height – countertop models	44.7 cm (17.59")
H2 Height – freestanding models	106.7 cm (42.00")
H3 Height, base stand	62.0 cm (24.41")
H4 Dispense height clearance	21.59 cm (8.50")
Ventilation clearance	7.62 cm (3.00") on each side
Service clearance	7.62 cm (3.00") behind and on each side of dispenser
<b>C1</b> 230 V/50/1 electrical	5 amps. Connect to dedicated 10 amp circuit, fuse or breaker. Dispenser has IEC 60320-C13 connector in rear of dispenser for use with appropriate modular cord.
C2 Water inlet	1/4" MPT
Air temperature	10 - 38 C (50 -100 F)
Water temperature	4 - 32 C (40 - 90 F)
Water pressure	69 - 483 kpa (10 - 70 psi)
lce production at 21 C (70 F) air and 10 C (50 F) water	54.4 kg (120 lb)
lce production at 32 C (90 F) air and 21 C (70 F) water	40.8 kg (90 lb)
Energy consumption 32 C (90 F) air and 21 C (70 F) water	7.1 kWh per 45.4 kg (100 lb) ice
Heat rejection	498 W (1700 BTU/hr)
Water consumption	45.4 L (12 gal) of potable water per 45.4 kg (100 lb) of ice
Approximate shipping weight – countertop models	40.8 kg (90 lb)
Approximate shipping weight – freestanding models	54.4 kg (120 lb)

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

SHORT FORM SPECIFICATION: (Choose one) \_\_\_\_\_ Ice and water or \_\_\_\_\_ ice-only dispenser to be Follett automatic load in (choose one) \_\_\_\_\_ countertop or \_\_\_\_\_ freestanding configuration, with 3.2 kg (7 lb) of storage. Environmentally responsible R134a ice machine to be air-cooled. Ice machine to produce approximately 54.4 kg (120 lb) of Chewblet compressed nugget ice at air temperature of 21 C (70 F) and water temperature of 10 C (50 F). Ice machine to be equipped with printed circuit board and diagnostics to allow simplified servicing and with capacitive touch user interface. Storage area to be insulated with non-CFC, high density foam-in-place polyurethane. 230 V/50/1. Dispenser has IEC 60320-C13 connector in rear of dispenser for use with appropriate modular cord. Dispenser to be CE listed. Total dissolved solids in water not to exceed 400 mg/l (ppm) and hardness not to exceed 200 mg/l (ppm).

#### **Dimensional drawing**



- 1 473 ml (16 oz) cups, 2/3 full of ice
- 2 Independent third party studies. Contact Follett for details.
- 3 Disclaimer: Antimicrobial protection is limited to the treated components and does not treat water or ice.
- 4 Claris is a registered trademark of the Aquis GmbH in Switzerland.
- Agion is a registered trademark of Sciessent LLC.

Chewblet and Follett are registered trademarks of Follett Corporation, registered in the US. Follett reserves the right to change specifications at any time without obligation. Certifications may vary depending on country of origin.

E7 Series countertop and freestanding

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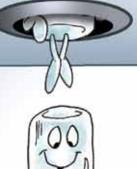


# automatically deliver ice from up to 75' (23 m) away!

- 44488

Chewblet<sup>®</sup> ice machines with RIDE<sup>™</sup> remote ice delivery equipment





#### Give your ice a RIDE to a

Drink dispenser

- Storage bin
- Drop-in dispenser

A great RIDE for your ice... Safer, smarter ice management for you!

### Taking auto-fill to new lengths

Traditionally, drink dispensers are auto-filled by placing ice machines directly on top of them. This creates heat and noise in the retail area. Follett Chewblet ice machines with proprietary RIDE remote ice delivery equipment eliminate this problem.

Only Follett ice machines can automatically transport ice through a tube with RIDE technology – from up to 75 ft (23 m) away! Unique RIDE technology ensures a reliable, hands-free supply of Chewblet ice, no matter where the ice machine is located!

# Cleaning your beverage dispenser has never been easier!

The sanitation of ice in the foodservice environment has become a headline issue. Follett ice machines with RIDE remote ice delivery equipment improves food safety by making it easy to access your beverage dispenser for cleaning.

- No heavy machine on top to block dispenser access.
- Easy to clean just lift the dispenser lid!
- Hands-free delivery ensures cleanliness of ice reaching dispenser.

Bet you'll clean your dispenser more often!

### Design flexibility for a better customer experience

A Follett ice machine with RIDE remote ice delivery equipment can be positioned almost anywhere – under a counter, mounted on a wall, or in a back room up to 75 ft (23 m) away from the bin or dispenser. In today's increasingly design-conscious foodservice environments, Follett ice machines offer the ultimate in installation flexibility for a better customer experience.

- No ice machine to create heat and noise in your fountain area.
- With the ice machine under counter or in a back room, you create a more attractive, open, inviting space for customers.
- Cleaning and service of the ice machine always take place out of the customer's view.
- Eliminate disruption to customers no waiting while employees are re-filling the ice dispenser.



### Boost efficiency with Ice Manager™ diverter valve

A Follett ice machine with RIDE can auto-fill two different dispensers or bins when you add the Ice Manager diverter valve system. It's like adding a second shift! Ice can be transported to your drink dispenser. Automatically switch lanes to fill your ice storage bin overnight for even more ice!

**Customers will** 

**LOVE** your

fountain area!

- Use your production capacity more efficiently.
- Delivery is based on demand get ice where you want it, when you want it.
- Fewer ice machines to purchase and maintain.



### Customers choose Chewblet ice!

All Follett ice machines produce Chewblet ice – uniformly shaped pieces of chewable ice that are preferred by up to 70% of consumers\*. Chewblet ice is higher in guality than other forms of nugget ice and dispenses more reliably.

- Customers love Chewblet ice because it's easier to chew and comes in a preferred size and shape.
- Up to 30% of customers will buy more fountain drinks\* when they can have Chewblet ice.
- Two sizes to choose from the original Chewblet ice and new smaller micro Chewblet ice.

\* Consumer study conducted by independent agency Roper ASW.





### Multiple capacities to meet your needs

Follett ice machines are built for commercial ice needs, with a range of capacities and configurations to meet your specific requirements.

Chewblet ice machine	Capacity	Condensing	Compatible with Ice Manager	Available ice type	Maximum RIDE distance
Maestro <sup>™</sup> 400 Series	Up to 454 lbs (206 kg) per day	Self-contained air- and water-cooled	NO	Chewblet	20 ft (6 m)
Horizon 700 Series	Up to 675 lbs (306 kg) per day	Self-contained air- and water-cooled	NO	Chewblet, Micro Chewblet	75 ft (23 m)
Horizon <sup>™</sup> 1000 Series	Up to 1100 lbs (499 kg) per day	Self-contained air- and water-cooled; Remote air-cooled	YES	Chewblet, Micro Chewblet	75 ft (23 m)
Horizon 1400 Series	Up to 1452 lbs (659 kg) per day	Self-contained air- and water-cooled; Remote air-cooled	YES	Chewblet, Micro Chewblet	75 ft (23 m)
Horizon 1650 Series	Up to 1580 lbs (717 kg) per day	Remote air-cooled	YES	Chewblet, Micro Chewblet	75 ft (23 m)

#### Visit www.remoteicedeliveryequipment.com

to see a video demo and learn more about the benefits of RIDE and Follett's unique ice making technology.

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Horizon, Ice Manager, Maestro and RIDF are trademarks of Follett Corporation.



Genuine

(hewblet<sup>®</sup> lce

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