

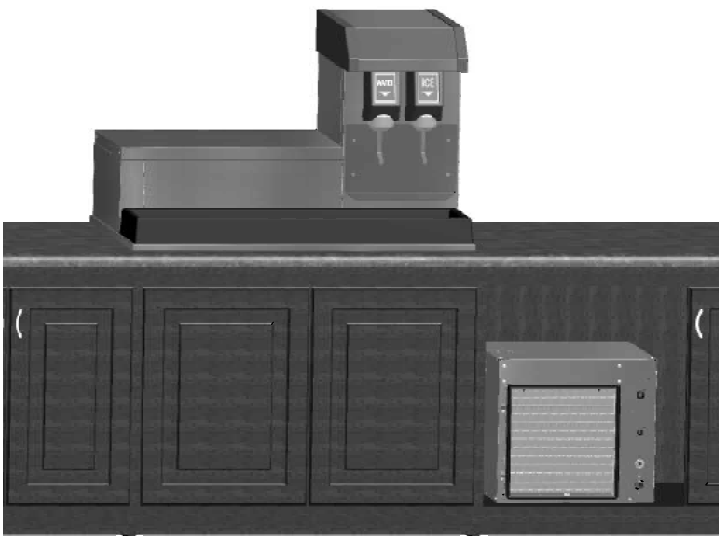
Self-contained ice machine with RIDE™ remote ice delivery equipment for Follett Vision low-profile ice and water dispensers CVU155N0 or CVU300N0 (ordered separately):

MCC400AVM – Air-cooled, self-contained, 220/60/1

MCC400WVM – Water-cooled, self-contained, 220/60/1

Note: Must be used with 220/60/1 Vision ice and water dispenser.

All parts required for installation are included with the ice machine, including 10 ft (3 m) insulated ice transport tube.



MCC400AVM Maestro Chewblet ice machine shown with CVU300N ice and water dispenser, ordered separately

Compact, reliable auto-fill ice machine with RIDE remote ice delivery equipment for Follett Vision low-profile ice and water dispensers. Stainless steel frame and exterior. Environmentally responsible R404A refrigerant. Production capacity up to 400 lbs (181 kg) of Chewblet ice in a 24-hour period. Ice machine includes 10 ft (3 m) of insulated ice transport tube.

High performance Maestro ice machines for marine applications

- Stainless steel evaporator, auger and top bearing
- Oversized, heavy duty, tapered roller bearings ensure long low-maintenance life
- Ice machine can be cleaned without contaminating ice
- Quiet production; no noisy harvest cycles
- Designed to address United States Public Health Service (USPHS) principles

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

RIDE technology

- Install ice machine up to 20 ft (6 m) or more away from the bin or dispenser
- Improved aesthetics, serviceability

Consumer-preferred Chewblet ice

- More reliable dispensing than nugget or pellet ice
- Slow melting, maintains drink temperature and quality
- Drink performance comparable to cubes
- Higher displacement than cube ice

Accessories

- Water filter kit (item# 00130229)
- 6.8" (173 mm) ice machine stand, adjustable to 8.3" (211 mm) (item# AFR400STND)

JOB: _____
ITEM: _____

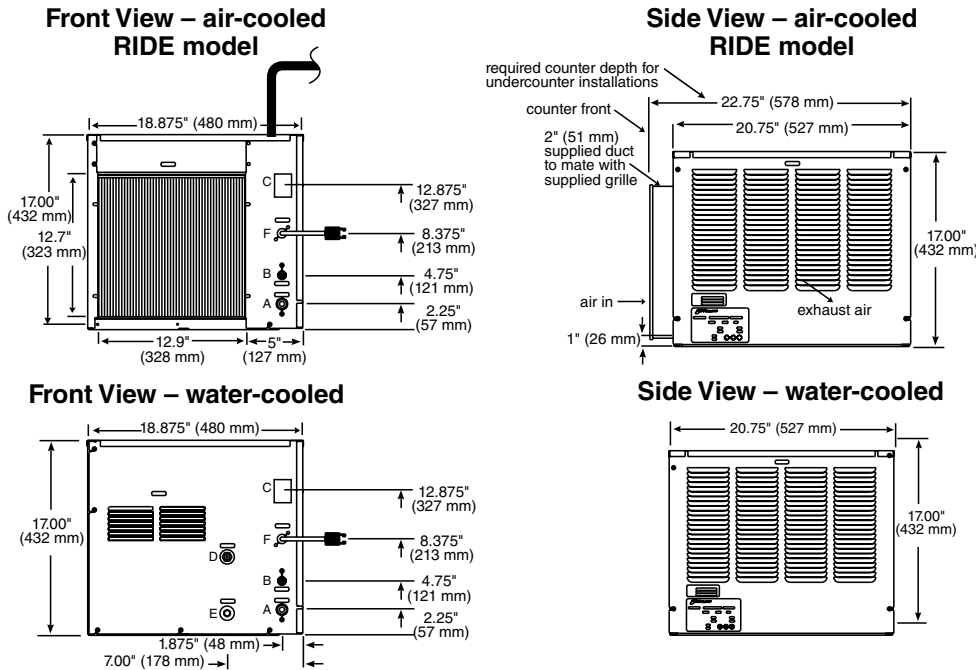


10%
TOTAL RECOVERED FIBER
ALL POST-CONSUMER FIBER

Paper certified by:
The Forest Stewardship Council (FSC) and the Sustainable Forestry Initiative (SFI)

A City Discount





- A – 3/4" MPT drain
- B – 3/8" OD push-in water inlet
- C – 2" x 4" (51 mm x 102 mm) electrical box
- D – 3/8" FPT condenser inlet
- E – 3/8" FPT condenser drain
- F – Bin signal cord

Ice production

Air-cooled ice machine capacity/24 hrs.

		Ambient Air Temperature °F/°C					
		F	60	70	80	90	100
Inlet Water Temperature °F/°C	F	50	510	454	397	335	273
	C	10	232	206	180	152	124
	lbs	60	482	435	389	329	270
	kg	16	219	198	177	150	123
	lbs	70	454	417	380	323	266
	kg	21	206	190	173	147	121
	lbs	80	424	385	347	297	247
	kg	27	193	175	158	135	112
	lbs	90	394	354	313	270	227
	kg	32	179	161	142	123	103

Water-cooled ice machine capacity/24 hrs.

		Ambient Air Temperature °F/°C					
		F	60	70	80	90	100
Inlet Water Temperature °F/°C	F	50	451	447	442	437	428
	C	10	204	202	200	199	194
	lbs	60	423	413	409	399	394
	kg	16	192	187	185	181	179
	lbs	70	394	390	380	371	361
	kg	21	179	177	172	168	163
	lbs	80	371	361	352	342	333
	kg	27	168	163	160	155	151
	lbs	90	352	342	333	323	309
	kg	32	160	155	151	146	140

Notes

See Design Detail Sheet (form# 2810) for important ice machine and installation information.

Required clearances

- 12" (305 mm) minimum on ice chute side if ice transport tube enters this side.
- 12" (305 mm) minimum between dispenser and ice machine(s).

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) maximum.

Electrical 220V, 60Hz, 1 ph, 5 amps each, max. fuse 15 amps.

Transport tube 10 ft (3 m) of insulated transport tube provided.

Dimensions

Overall Dimensions		
Height	Depth	Width
17.0" (432 mm)	water-cooled – 20.8 in (529 mm) air-cooled* – 22.8 in (580 mm)	18.9 in (480 mm)

* Includes duct

Approximate shipping weight 160 lbs (73 kg)

Warranty 2 year parts warranty only.

Specifications

- Ice machine to be Follett (choose one)
- _____ MCC400AVM air-cooled, self-contained, 220/60/1
- _____ MCC400WVM water-cooled, self-contained, 220/60/1

Ice machine production to be approximately 400 lbs (181 kg) per day of Chewblet ice at air temp. 70 F (21 C), water temp. 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 includes 10 ft (3 m) insulated ice transport tube and bin level control. Ice machine to be NSF-listed.

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Water flow requirements for water-cooled condensers

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