

# Maestro™ top mount Chewblet® ice icemaker for Follett Harmony™ top mount applications

## MCD400AHT Series

### Self-contained top mount icemakers for countertop ice and beverage dispensers:

**MCD400AHT** – Air-cooled, self-contained

Must be used with stainless steel Harmony top kit for dispenser, sold separately. Refer to chart on reverse for accessory numbers.

Compact, reliable icemaker for top mount installation on most countertop ice and beverage dispensers. Stainless steel exterior and interior frame. Environmentally friendly R404A refrigerant. Production capacity approximately 400 lbs (181kg) 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

### Low-profile design

- Only 17" (432mm) high; fits under 8 foot ceilings when mounted on beverage dispenser

### Consumer-preferred Chewblet ice

- Preferred over cubes by more than 2:1
- Easy to chew
- 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

### Installation flexibility

- Harmony kits allow icemaker to top mount on most ice dispensers
- Kits install without any alteration to dispenser. Kit includes stainless steel top.
- Access to storage hopper for easy cleaning and sanitizing of ice storage area

### Accessories

- Water filter kit (item# 00130229)
- SafeCLEAN™ environmentally friendly icemaker cleaner (item# 00132001)



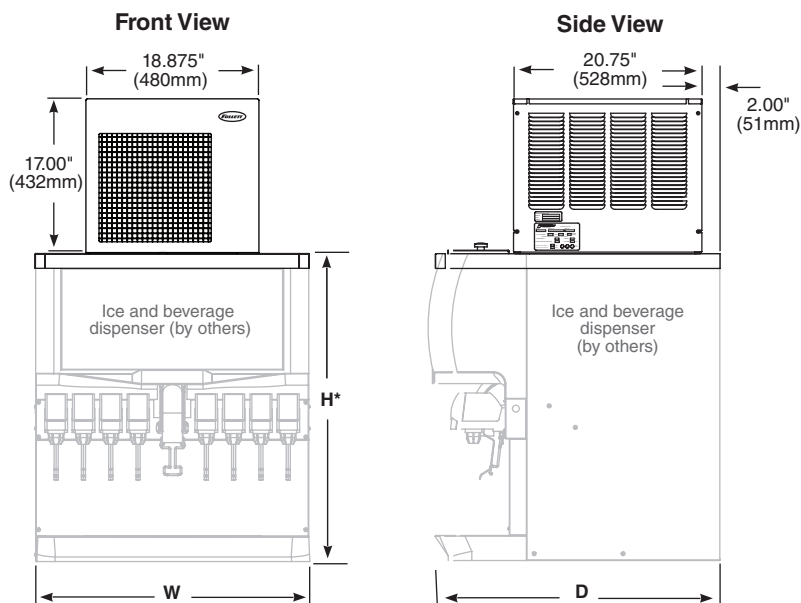
Model MCD400AHT on countertop ice and  
beverage dispenser, supplied by others

JOB: \_\_\_\_\_

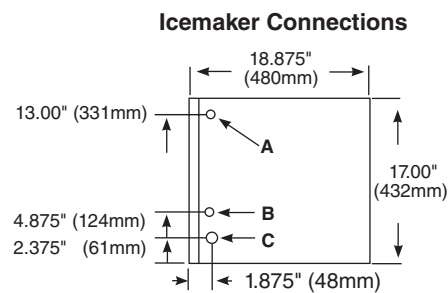
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# MCD400AHT Series

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\* Net height after installation of top kit.



- A – Electrical
- B – 3/8" OD push-in water inlet
- C – 3/4" MPT drain

**Note:** 6" (153mm) minimum clearance from exhaust side of icemaker

**Icemaker Plug Configuration**  
NEMA 5-20



U.S. Patent 6,134,908

## Harmony top kit accessories

Manufacturer/ Model number	W = Width in (mm)	D = Depth in (mm)	H* = Height in (mm)	Harmony top kit
<b>Lancer dispensers</b>				
4500-22N	22.0 (559)	30.5 (775)	36.50 ( 928)	MTL22SC
4500-30N	30.0 (762)	30.5 (775)	36.50 ( 928)	MTL30SC
FS-30N	30.0 (762)	30.5 (775)	42.13 (1070)	MTL30SC
<b>Remcor/Cornelius dispensers</b>				
DF/ED150 series	22.0 (559)	30.0 (762)	34.38 ( 874)	MTC22SC
DF/ED175 series	24.5 (623)	30.0 (762)	34.38 ( 874)	MTC24SC
DF/ED200 series	30.0 (762)	30.0 (762)	34.38 ( 874)	MTC30SC
DF/ED250 series	30.0 (762)	30.0 (762)	38.38 ( 975)	MTC30SC

For other applications, contact factory.

## 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 (69kpa to 483kpa).

**Standard electrical** – 115V, 60Hz, 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** – 220V, 60Hz, 1 phase, 5 amps, max. fuse 15 amps. Cord only. Wire in accordance with all local codes.

**Approximate Shipping Weight** 160 lbs (73kg)

## Dimensions

Overall Dimensions		
Height	Depth	Width
17.0" (432mm)	20.8" (529mm)	18.9" (480mm)

**Specifications** Icemaker to be Follett model number \_\_\_\_\_. Icemaker to be air-cooled, with stainless steel exterior panels and plastic front cover. Icemaker production to be approximately 400 lbs (181kg) per day of Chewblet compressed nugget ice at air temp. of 70 F (21 C), water temp. of 50 F (10 C). Icemaker to use environmentally friendly 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 be NSF, UL and cUL listed.

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Chewblet is a registered trademark 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.

## Ice Production

Air-cooled icemaker capacity/24 hrs.

Inlet Water Temperature F/C	Ambient Air Temperature F/C					
	F	60	70	80	90	100
	C	16	21	27	32	38
50	510	454	397	335	273	lbs.
10	232	206	180	152	124	kg.
60	482	435	389	329	270	lbs.
16	219	198	177	150	123	kg.
70	454	417	380	323	266	lbs.
21	206	190	173	147	121	kg.
80	424	385	347	297	247	lbs.
27	193	175	158	135	112	kg.
90	394	354	313	270	227	lbs.
32	179	161	142	123	103	kg.

## Energy Consumption

KWH per 100 lbs (46kg) ice†	
Air-cooled	5.7

† 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 consumption

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