

**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 (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

Low-profile design

- Only 17" (432 mm) high; fits under 8 foot (2.4 m) 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
- Harmony kits install without any alteration to dispenser. Kit includes stainless steel top.
- Kits allow 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)



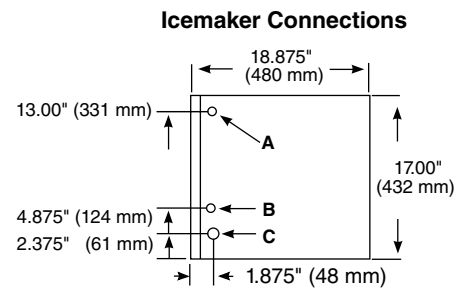
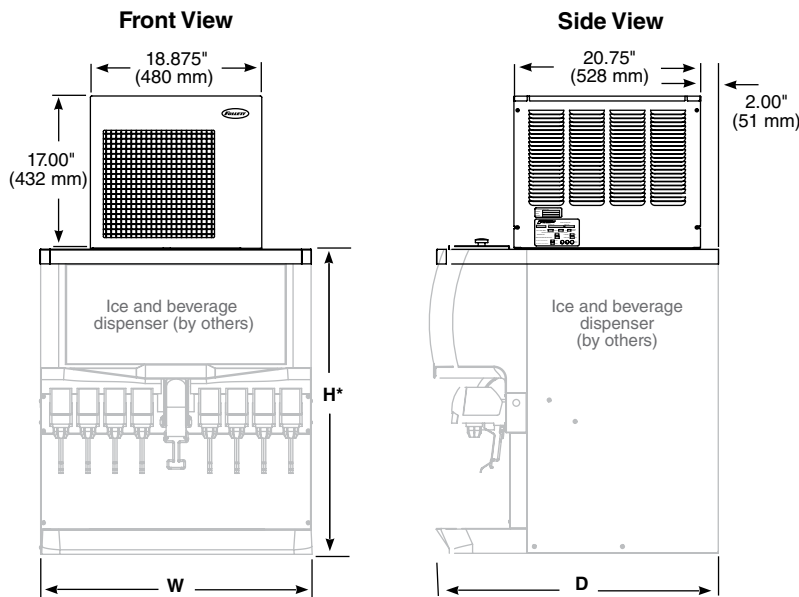
Model MCD400AHT on countertop ice and
beverage dispenser, supplied by others

JOB: _____

ITEM: _____

MCD400AHT Series

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



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

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

Icemaker Plug Configuration
NEMA 5-20



U.S. Patent 6,134,908

* Net height after installation of top kit.

Harmony top kit accessories

| Manufacturer/ Model number | W = Width in (mm) | D = Depth in (mm) | H* = Height in (mm) | Harmony top kit |
|------------------------------------|-------------------|-------------------|---------------------|-----------------|
| Lancer dispensers | | | | |
| 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 |
| Remcor/Cornelius dispensers | | | | |
| 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 (69 kpa to 483 kpa).

Standard electrical – 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.

Approximate Shipping Weight 160 lbs (73 kg)

Dimensions

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

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 (181 kg) 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 cJUL listed.

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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 Production

Air-cooled icemaker capacity/24 hrs.

| Inlet Water Temperature F/C | Ambient Air Temperature F/C | | | | | |
|-----------------------------|-----------------------------|-----|-----|-----|-----|-----|
| | F | 60 | 70 | 80 | 90 | 100 |
| 50 | 510 | 454 | 397 | 335 | 273 | 213 |
| 10 | 232 | 206 | 180 | 152 | 124 | 96 |
| 60 | 482 | 435 | 389 | 329 | 270 | 211 |
| 16 | 219 | 198 | 177 | 150 | 123 | 96 |
| 70 | 454 | 417 | 380 | 323 | 266 | 209 |
| 21 | 206 | 190 | 173 | 147 | 121 | 95 |
| 80 | 424 | 385 | 347 | 297 | 247 | 197 |
| 27 | 193 | 175 | 158 | 135 | 112 | 89 |
| 90 | 394 | 354 | 313 | 270 | 227 | 184 |
| 32 | 179 | 161 | 142 | 123 | 103 | 84 |

Energy Consumption

| KWH per 100 lbs (46 kg) 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 (48 L) of potable water usage per 100 lbs (46 kg) of ice.