Horizon™ Ice Machine Installation Instructions to Ice Storage Bin Top-mount Applications

HCC/HMC/HCE/HME1000ABT, HCC/HMC/HCE/HME1400ABT, HCC/HMC/HCE/HME1000WBT, HCC/HMC/HCE/HME1400WBT,
(See model number configurator on page 2 for details.)

Order parts online
www.follettice.com
## Chewblet® Ice Machine Model Number Configurations

<table>
<thead>
<tr>
<th>Icemaker</th>
<th>Voltage</th>
<th>Series</th>
<th>Condenser</th>
<th>Application</th>
<th>Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC Maestro™</td>
<td>208-230/60/1 (icemaking head)</td>
<td>400</td>
<td>A Air-cooled, self-contained</td>
<td>Vision™</td>
<td>S RIDE™ (RIDE remote ice delivery equipment)</td>
</tr>
<tr>
<td>MC Chewblet®</td>
<td>208-230/60/1 (icemaking head)</td>
<td>1000</td>
<td>W Water-cooled, self-contained</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HC Horizon</td>
<td>230/50/1 (icemaking head)</td>
<td>1400</td>
<td>R Air-cooled, remote condensing unit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HM Horizon</td>
<td>115/60/1 (icemaking head)</td>
<td>1650</td>
<td>N Air-cooled, no condensing unit for connection to parallel rack system</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Micro Chewblet</td>
<td>208-230/60/3.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Read and complete the following 8 installation steps

1. Unpack
2. Site preparation
3. Bin preparation
4. Louvered docking assembly
5. Ice transport tube
6. External connection
7. Internal connection
8. Front cover
Carefully unpack and inspect the contents of your Follett ice machine.

### 1.1 Unpack ice machine

1. Unpack ice machine
2. Unpack and inspect the ice machine
3. Remove the packaging materials
4. Check for any damage or missing parts
5. Install the ice maker
6. Connect the water supply
Prepare the installation site.

Provide drainage, water supply and electrical power to within 6 feet (2m) of ice machine in accordance with local and national codes. Outdoor installation is not recommended and will void warranty.

2.1 Installation site requirements

Electrical
- H_C1000(A/W)BT 208-230/60/1-15 amps
- H_E1000(A/W)BT 230/50/1-15 amps (H_E1000A/W requires 15A circuit, 1.50 mm² wire)
- H_C1400(A/W)BT 208-230/60/1-20 amps
- H_E1400(A/W)BT 230/50/1-20 amps (H_E1400A/W requires 20A circuit, 4.00 mm² wire)

‡ Plug must be provided by end user & must conform to standard EN 60 335-2-24 of the end destination.

Potable water supply
- 10-70 psi (69-483kpa)
- 45 to 90 F (7 to 32 C)
- Follett recommends the use of an in-line water filtration system (#00130286)

Condenser water supply for water-cooled systems
- 10 psi min.; 150 psi max. (69kpa min.; 1034kpa max.)
- 45 to 90 F (7 to 32 C)
- 1.5 gallons per minute (5.68 liters per minute)

Drain
- The drain line from the ice machine must have at least 1/4” per foot pitch (6,4mm/0,3m)
Prepare the bin.

3 Bin preparation

3.1 Bin top preparation

- Remove protective tape from gaskets

3.2 Bin top preparation

- Apply gaskets 1
- Install shuttle actuator 2 through dispenser top and secure with locking nut 3
4.1 Louvered docking assembly

- Mount louvered docking assembly

**WARNING**

- Docking station must be secured in accordance with these instructions to ensure ice machine stability.
- Ventilation openings in the louvered docking station should be clear of obstruction.
Install the ice transport tube.

5.1 Ice transport tube installation

- Install supplied ice transport tube insulation
- Heat end of transport tube in cup of 160 F (71 C) hot water to soften and spread with pliers ➊ before making connection to ease assembly
- Connect ice transport tube to coupling on louvered docking station ➋
- Connect ice transport tube to shuttle actuator ➌
Connect utilities to louvered docking assembly.

External connections

6

6.1 Air-cooled ice machines only

- Remove access panel if necessary
- Install drain line ①.
  The rigid drain line from the ice machine must have at least 1/4" per foot pitch (6.4mm/0.3m).
- Install ice machine potable water supply ②
- Replace access panel

6.2 Water-cooled ice machines only

- Remove access panel if necessary
- Install drain line ①.
  The rigid drain line from the ice machine must have at least 1/4" per foot pitch.
- Connect cooling water supply ② and return ③
- Install ice machine potable water supply ④
- Replace access panel
Connect louvered docking assembly to ice machine.

**CAUTION**
- Plug must be accessible after final installation.
- H_E1400A/W 230/50/1 requires a 20A circuit (4.00 mm² wire)

Air-cooled ice machines – follow steps 7.1 through 7.4.

### 7.1 Ice transport tube
- Slide ice machine into louvered docking assembly ①
- Insert ice transport tube all the way into coupling and tighten nut firmly ②

### 7.2 Potable water line
- Insert potable water line into valve ①
- Push drain line over hose barb on back of evaporator mount ②

### 7.3 Power cord
- Remove twist tie
- Carefully pass plug thru opening and plug into wall outlet

### 7.4 Power cord
- Position plate into opening and secure with supplied screw
Water-cooled ice machines – follow steps 7.5 through 7.10.

7.5 Cooling lines
- Install ice machine cooling water lines to louvered docking assembly

7.6 Ice transport tube
- Slide ice machine into louvered docking assembly
- Insert ice transport tube into coupling and tighten nut firmly

7.7 Potable water and drain lines
- Insert potable water line into valve
- Push drain line over hose barb on back of evaporator mount

7.8 Cooling lines and power
- Connect cooling water lines to ice machine
- Water valve is set at the factory. DO NOT remove seal or adjust water valve
7.9 Power cord

• Remove twist tie
• Carefully pass plug thru opening and plug into wall outlet

7.10 Power cord

• Position plate into opening and secure with supplied screw
Install front cover to ice machine.

8.1 Water-cooled ice machines only

- Slide ice machine cover over machine ensuring that tabs on back of cover slip under louvers on back of louvered docking assembly ①
- Insert and tighten two screws through cover and into louvered docking assembly ②

NOTICE

Ice machine MUST be sanitized prior to operation!
Consult Operation and Service Manual provided with ice machine for sanitizing instructions.
• Pitch ice transport tube to allow melt water to drain towards ice machine ➊
• Secure insulated ice transport tube at least every 2 ft (0,6m) to prevent dips or traps ➋