Horizon™ Ice Machine Models with RIDE® Technology
Installation Instructions for Ice Storage Bins

HCD/HMD700RBS
HCD/HMD700NBS
(See model number configurator on page 2 for details.)

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remote condensing
# Chewblet® Ice Machine Model Number Configurations

<table>
<thead>
<tr>
<th>Machine</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>Air-cooled, self-contained, water-cooled</td>
<td>Vision™</td>
<td>RID® (RIDE remote ice delivery equipment)</td>
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<tr>
<td></td>
<td>115/60/1 (icemaking head)</td>
<td>700</td>
<td>Air-cooled, self-contained</td>
<td>Harmony™</td>
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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. Unpack ice machine

1. Unpack

2. Remove packaging materials

3. Unpack ice machine from pallet

4. Remove any remaining packaging

5. Check for any damage during transport

6. Ensure all components are present
Site preparation 2

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 of low side is not recommended and will void warranty.

2.1 Installation site requirements

Electrical 1
- 120/60/1-6 amps

Potable water supply 2
- 10-70 psi (69-483kpa)
- 45-90 F (7-32 C)
- Water supply must be treated by a scale-inhibiting filter (item# 00130286)

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

Refrigeration lines 4
- 5/8” (15,8mm) diameter suction (insulated) 4
- 3/8” (9,5mm) liquid 5
Prepare the bin.

3.1 Bin top preparation

- Locate center of bin top
- Cut 3" (76,2mm) diameter hole in bin top

3.2 Bin top preparation

- Remove protective tape from gaskets

3.3 Bin top preparation

- Apply gaskets ①
- Install shuttle actuator ② through top of bin and secure with locking nut ③
Install the louvered docking assembly.

4.1 Louvered docking assembly

- Mount louvered docking assembly to wall bracket accessory
- Mount louvered docking assembly to machine stand accessory

**Wall bracket accessory**

**Machine stand accessory**

- Mount louvered docking assembly
- "Rough-in" the refrigerant piping
Install the ice transport tube.

5.1 Ice transport tube installation

Ice transport tube tips
- Insulate entire length of ice transport tube
- Secure ice transport tube as needed to prevent dips and traps from forming. For long tube runs see guide on page 13.
- Pitch ice transport tube at least 1/4” per foot (6.4mm/.3m)
- Ice transport tube must drain towards ice machine

Ice transport tube to bin
- Be sure tube ends are square
- Heat end of transport tube in cup of 160 F (71 C) hot water to soften and spread with pliers before making connection to ease assembly
- Push ice transport tube onto ice machine nipple
- Install hose clamp

Ice transport tube to Ice machine
- Be sure tube ends are square
- Heat end of transport tube in cup of 160 F (71 C) hot water to soften and spread with pliers before making connection to ease assembly
- Push ice transport tube onto ice machine nipple
- Install hose clamp
Connect utilities to louvered docking assembly.

**External connections**

6

### 6.1 Water and drain

- Remove access panel if necessary.
- Install drain line 1. The rigid drain line from the ice machine must be vented and have at least 1/4" per foot (6,4mm/0,3m) pitch.
- Install icemaker potable water supply 2. (Water supply must be treated by a scale-inhibiting filter (item# 00130286)
- Replace access panel

### 6.2 Refrigerant

- Braze supplied expandable refrigerant lines in place 1
7.1 Ice transport tube installation

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

7.2 Water and drain lines

- Insert potable water line into valve ①

7.3 Refrigeration lines

- Braze refrigerant lines

7.4 Power cord

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

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

**8.1 Install condensing unit**

- Complete installation of condensing unit or connection to rack system.

**8.2 Install ice machine front cover**

- Slide ice machine cover over machine, ensuring that tabs on back of cover slip under louvers on back of louvered docking assembly ①, then tighten two screws through cover.
- Place louvered front cover on machine ②.

**NOTICE**

- Ice machine MUST be sanitized prior to operation!
- Consult Operation and Service Manual provided with ice machine for sanitizing instructions.
- To prevent circuit breaker overload, wait 15 minutes before restarting this unit. This allows the compressor to equalize and the evaporator to thaw.
Long tube run recommendations

- Pitch ice transport tube to allow melt water to drain towards ice machine ①
- Secure insulated ice transport tube at least every 2 ft (.6m) to prevent dips or traps ②
- Maximum length of transport tube is 75' (22.5 m).
- Maximum rise is 20' (7.5 m).
- Maximum length of transport tube for Micro Chewblet applications is 10' (3 m).