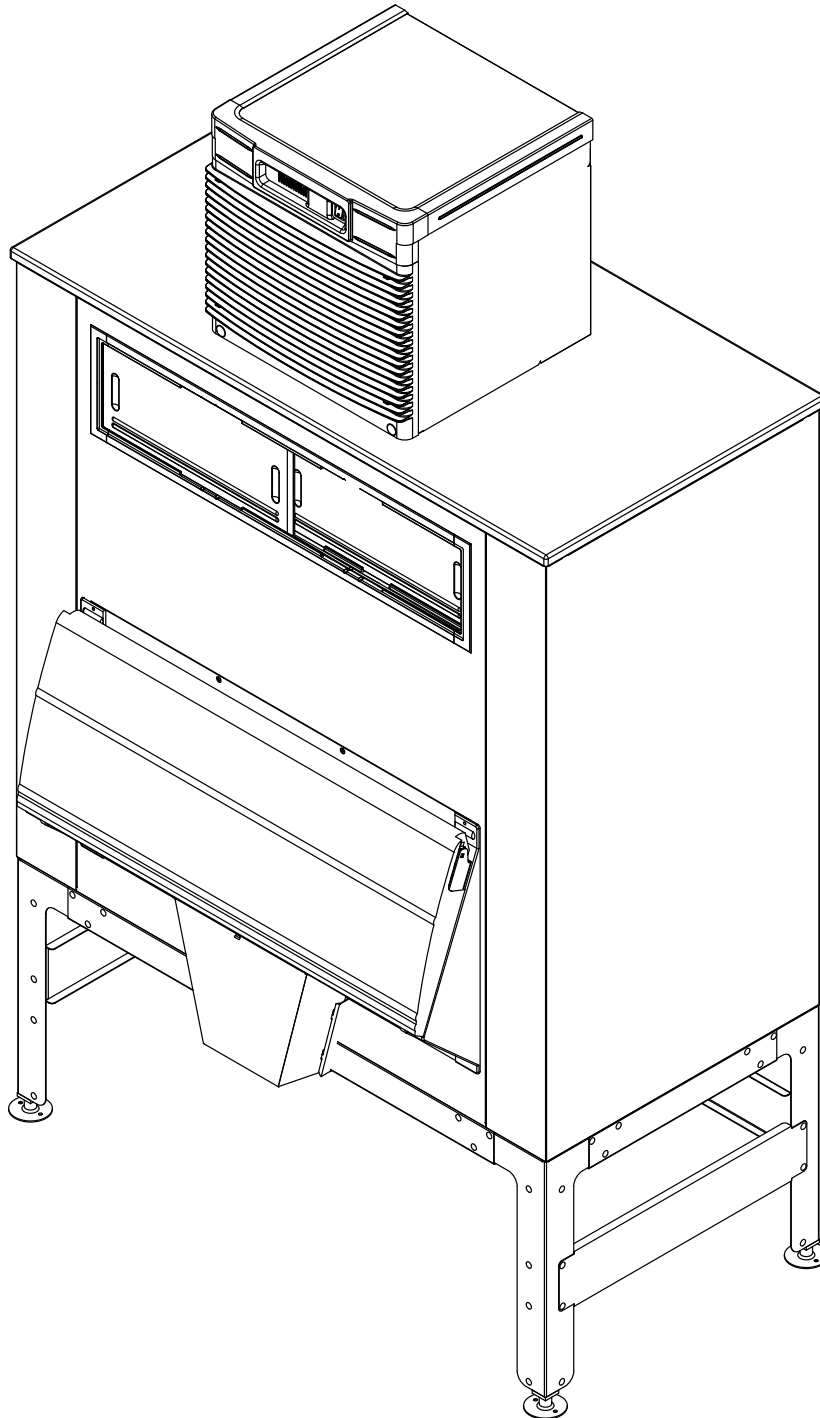
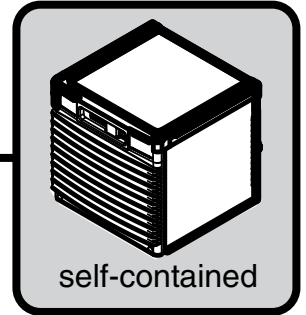


# Horizon Elite™ Ice Machine Installation Instructions to Ice Storage Bin Top-mount Applications

H\_D710ABT, H\_E710ABT, H\_C1010ABT, H\_C1010WBT, H\_E1010ABT, H\_E1010WBT,  
H\_C1410ABT, H\_C1410WBT, H\_E1410ABT, H\_E1410WBT,  
(See model number configurator on page 2 for details.)

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01113307R05

## Chewblet® Ice Machine Model Number Configurations

HC
D
1810
A
V
S

Icemaker	Voltage	Series	Condenser	Application	Configuration
MC Maestro™ Chewblet® (425 Series)	C 208-230/60/1 (icemaking head) <i>Self-contained only.</i>	425 up to 425 lbs (193 kg)	A Air-cooled, self-contained	V Vision™	S RIDE™
HC Horizon Chewblet (710, 1010, 1410, 1810, 2110 Series)	D 115/60/1 (icemaking head) <i>Self-contained and remote. If remote unit, high side is 208-230/60/1.</i>	710 up to 675 lbs (306 kg)	W Water-cooled, self-contained	H Harmony™	(RIDE remote ice delivery equipment)
HM Horizon Micro Chewblet™	E 230/50/1 (icemaking head) <i>Self-contained only.</i>	1010 up to 1061 lbs (482 kg)	R Air-cooled, remote condensing unit	B Ice storage bin	
	F 115/60/1 (icemaking head) <i>Remote only. High side is 208-230/60/3.</i>	1410 up to 1466 lbs (665 kg)	N Air-cooled, no condensing unit for connection to parallel rack system	J Drop-in	T Top-mount
		1810 up to 1790 lbs (812 kg)		M Ice Manager™ diverter valve system	
		2110 up to 2039 lbs (925 kg)		P Cornelius Profile PR150	

### CAUTION!

- This appliance should be connected by a qualified person in accordance with applicable codes.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Connect to potable water supply only.
- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children should be supervised to ensure that they do not play with the appliance.
- This appliance is intended to be used for household and similar applications such as staff kitchen areas in shops, offices and other working environments; farm houses and by clients in hotels, motels and other residential type environments; bed and breakfast type environments; catering and similar non-retail applications.
- **WARNING!** To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.

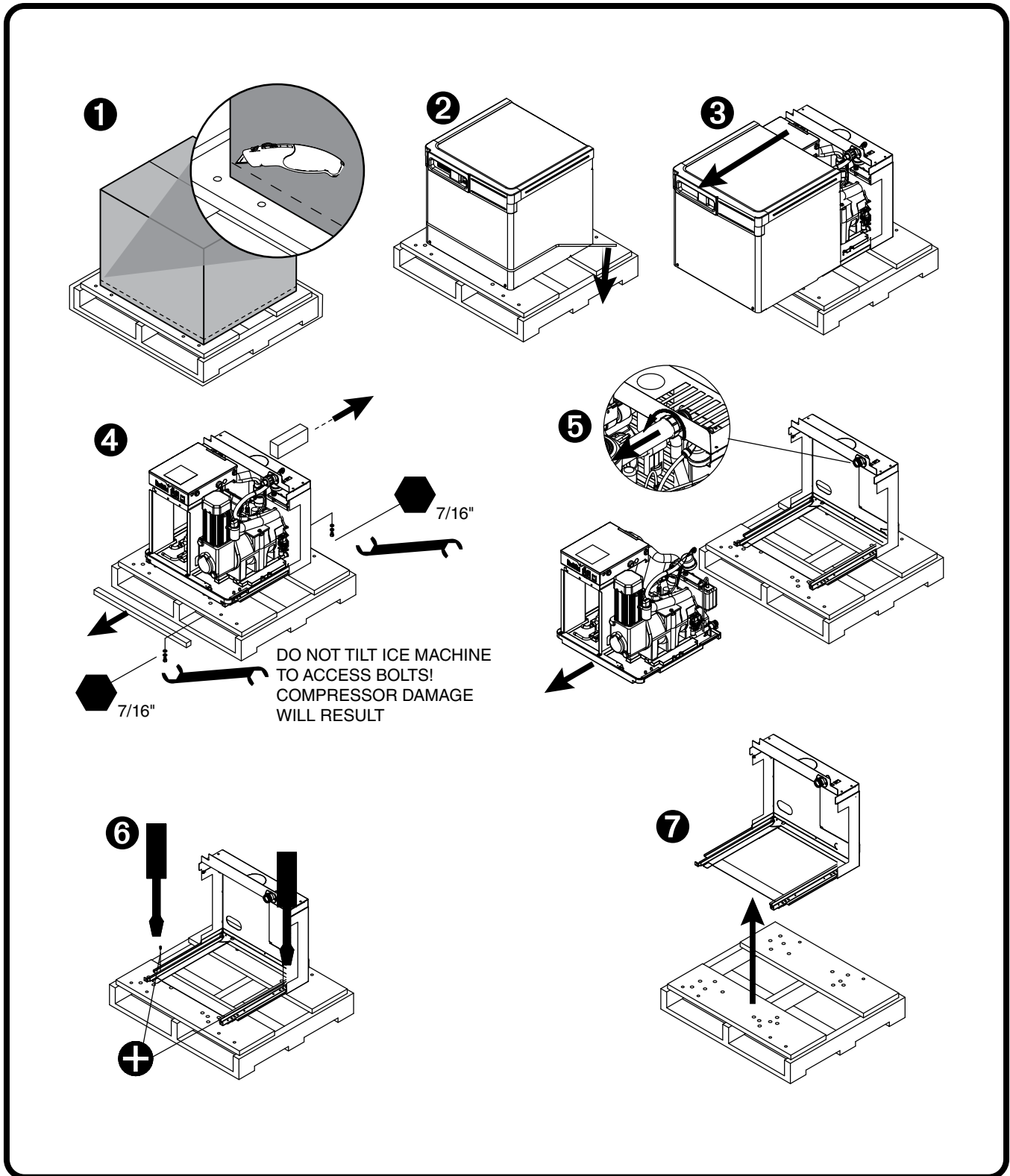
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# 1. Unpack

Carefully unpack and inspect the contents of your Follett ice machine.

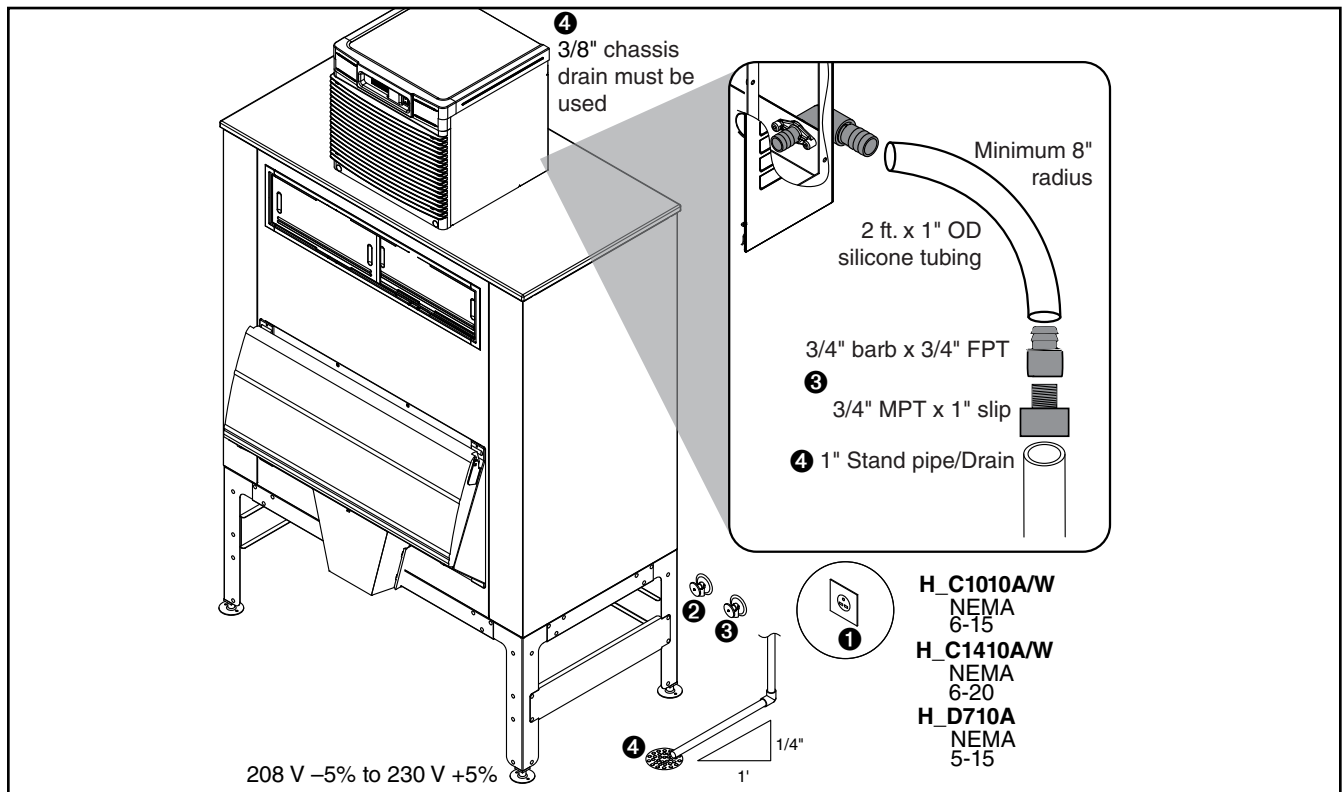
## 1.1 Unpack Ice Machine



## 2. Site Preparation

Provide drainage, potable 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 ①

#### ⚠ WARNING!

- This appliance should be permanently connected by a qualified person in accordance with applicable codes.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

H\_C1010/1410(A/W)BT 208-230/60  
Requires a 15A dedicated circuit.

H\_D710ABT 115/60 (Requires a 15A circuit)

H\_E710ABT 115/60<sup>‡</sup>

H\_E1010/1410(A/W)HS 230/50<sup>‡</sup>

H\_E1400(A/W)HS 230/50/1-20<sup>‡</sup>

<sup>‡</sup> H\_E710A, H\_E1010A/W requires 15A dedicated circuit 1.50 mm<sup>2</sup> wire, H\_E1410A/W requires 20A dedicated circuit 4.00 mm<sup>2</sup> wire. Plug must be provided by end user & must conform to standard EN 60 335-2-24 of the end destination.

#### Potable Water Supply ② (3/8" push-in connection, 3/8" OD tubing required)

10 psi to 70 psi (69 kpa to 483 kpa)

45 F to 90 F (7 C to 32 C)

- This equipment is to be installed with adequate backflow protection to comply with applicable federal, state, and local codes

#### Condenser water supply for water-cooled systems ③ (1/4" FPT inlet, 1/4" FPT outlet)

10 psi min.; 150 psi max. (69 kpa min.; 1034 kpa max.)

20 F to 90 F (-7 C to 32 C)

1.5 gallons (5.68 liters) per minute

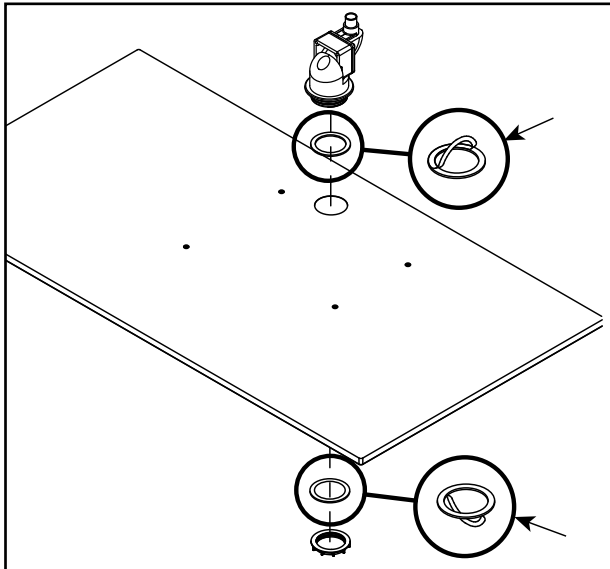
Drains: ④ 3/4" Barb for silicone drain, 3/8" push-to-connect for chassis drain

Minimum 8" radius on silicone drain line. The drain line from the ice machine must have at least 1/4" per foot (6,4 mm/0,3 m) pitch

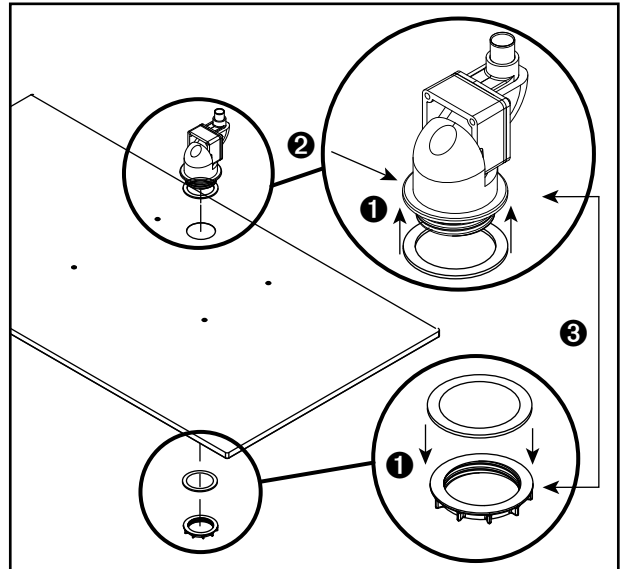
### 3. Docking Assembly Installation

#### **WARNING!**

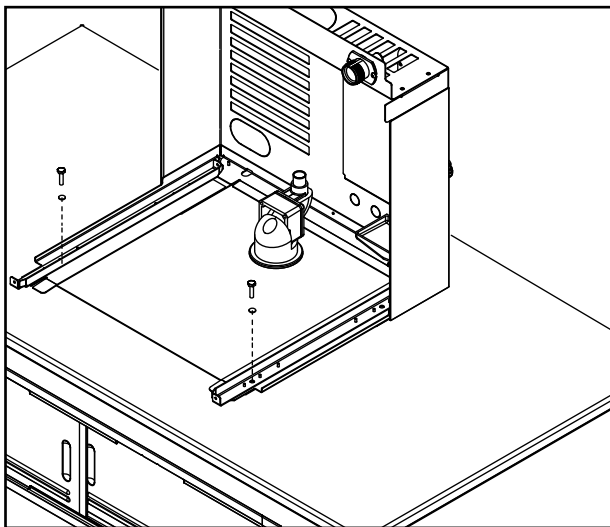
- Prior to installing the docking assembly, ensure that the drain fitting is oriented (right or left) correctly for your installation. An optional straight drain fitting is also supplied. You may need to remove the back panel of the docking assembly in order to re-orient or change the drain fitting. Replace back panel prior to mounting the docking assembly.
- Docking station must be secured in accordance with these instructions to ensure ice machine stability.
- Ventilation openings in the docking station should be clear of obstruction. Failure to do so could result in damage to equipment.
- Plug must be accessible after final installation.



- Remove protective tape from gaskets.



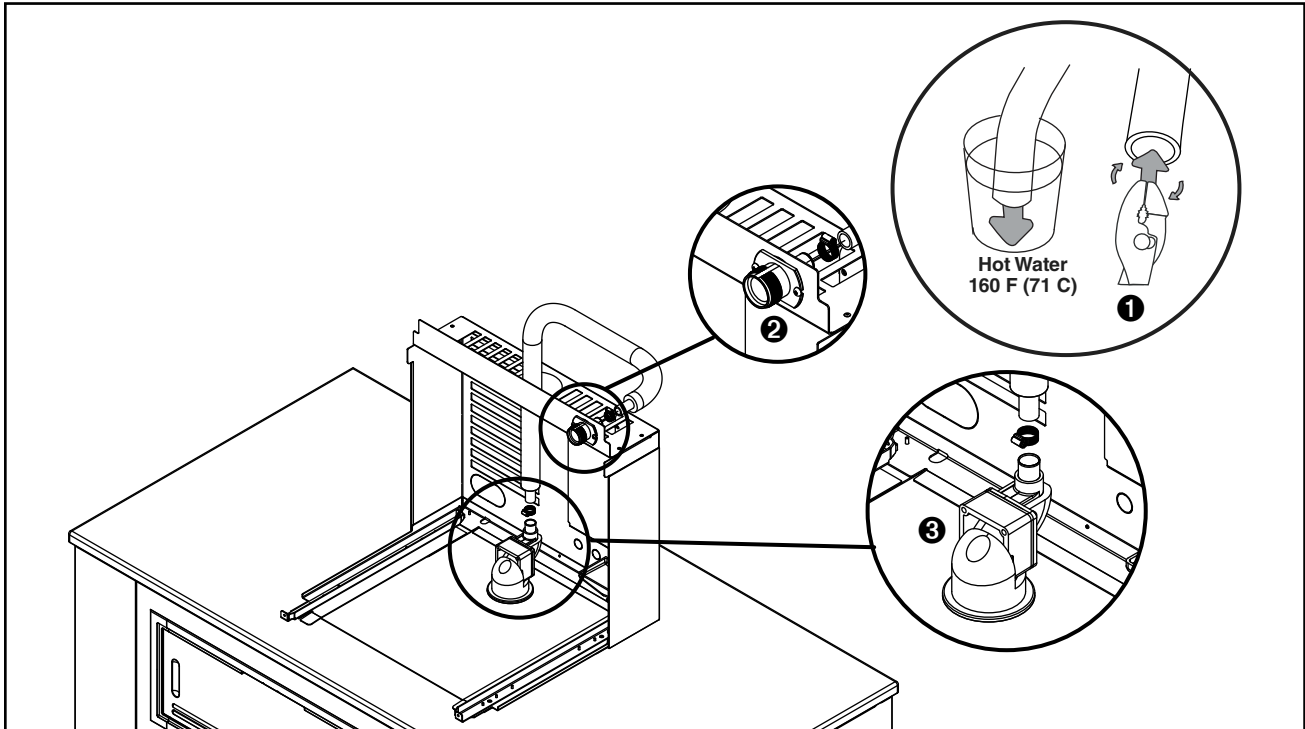
- Apply gaskets **1**.
- Install shuttle actuator **2** through dispenser top and secure with locking nut **3**.



- Mount docking assembly using two screws provided.

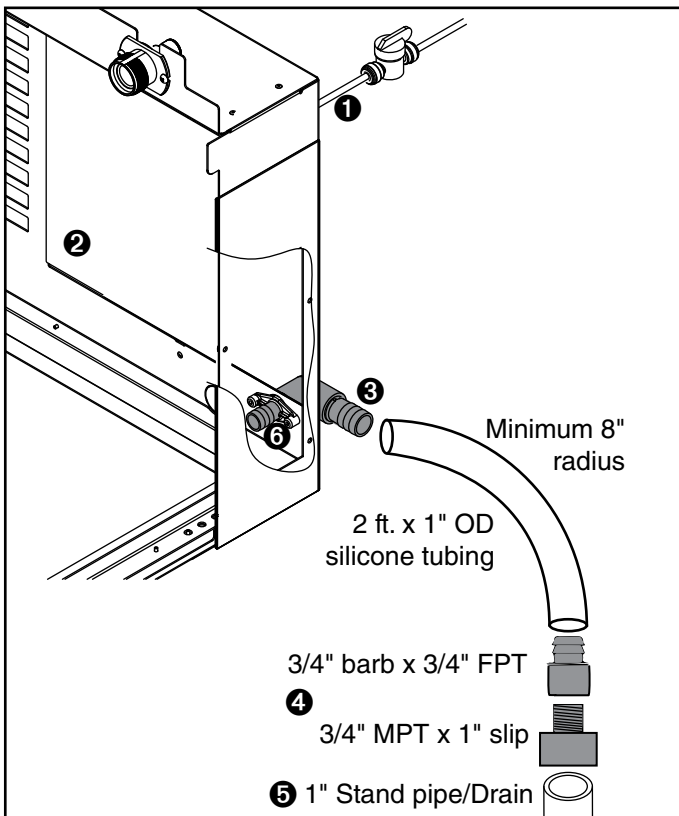
## 4. External Connections

### 4.1 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 ❶ before making connection to ease assembly.
- Connect ice transport tube to coupling on docking station ❷.
- Connect ice transport tube to shuttle actuator ❸.

## 4.2 Air-cooled ice machines only

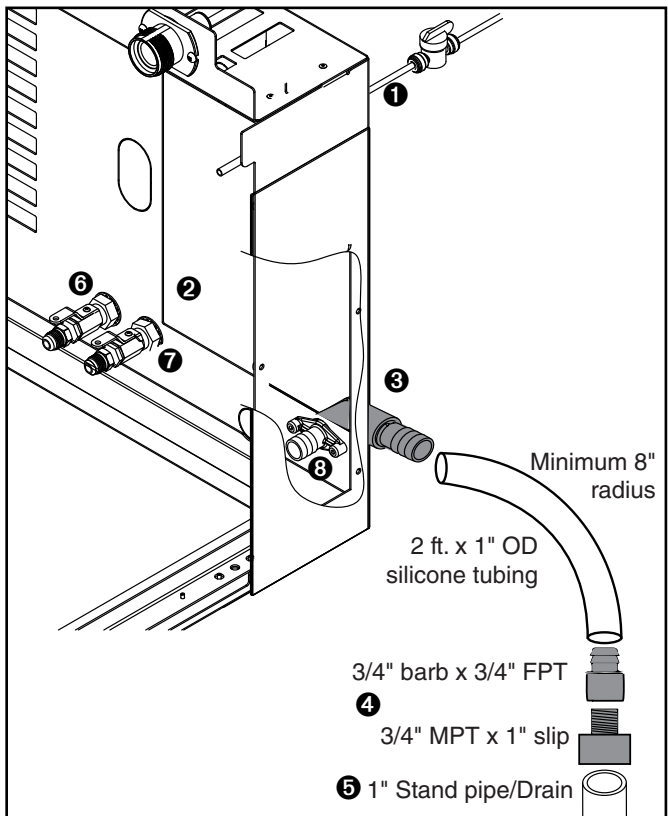


- Rough-in ice machine potable water supply ①. 3/8" push-in connection will be made at included shut-off valve then at back of docking station into solenoid.
- Remove access panel if necessary ②.
- Connect the silicone tubing to the ice machine 3/4" drain barb ③.
- Assemble the 3/4" barb x 3/4" FPT to the 3/4" MPT x 1" slip. Connect the other end of the silicone tubing to the 3/4" barb ④.
- Connect the 1" slip fitting to the 1" stand pipe/drain ⑤.

**Note: Minimum 8" radius on silicone drain line.**  
**Drain line from the ice machine must have at least 1/4" per foot pitch (6,4 mm/0,3 m).**

- Apply Petrol-gel to barbed drain fitting ⑥
- Replace access panel.

## 4.3 Water-cooled ice machines only



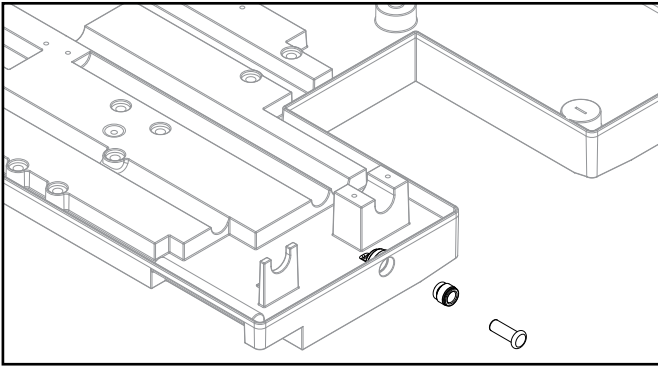
- Rough-in ice machine potable water supply ①. 3/8" push-in connection will be made at included shut-off valve then at back of docking station into solenoid.
- Remove access panel if necessary ②.
- Connect the silicone tubing to the ice machine 3/4" drain barb ③.
- Assemble the 3/4" barb x 3/4" FPT to the 3/4" MPT x 1" slip. Connect the other end of the silicone tubing to the 3/4" barb ④.
- Connect the 1" slip fitting to the 1" stand pipe/drain ⑤.

**Note: Minimum 8" radius on silicone drain line. Drain line from the ice machine must have at least 1/4" per foot pitch (6,4 mm/0,3 m).**

- Connect cooling water supply ⑥ and return ⑦
- Apply Petrol-gel to barbed drain fitting ⑧
- Replace access panel.



## Chassis drain plumbing - required



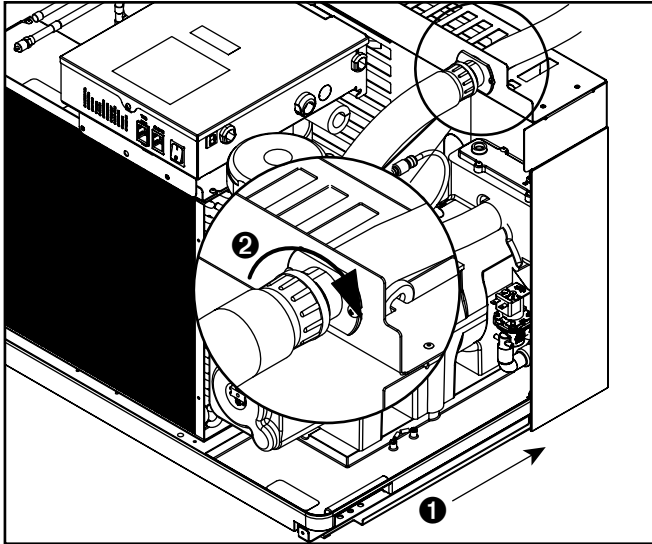
- Plug must be removed from John Guest fitting.
- Route 3/8" drain tubing through knockout in back of docking station and insert fully into John Guest fitting connection at the rear of the machine chassis. Route other end of 3/8" drain tubing to drain.
- Drain must slope 1/4" inch per foot (6 mm per 30,4 cm).

## 5. Internal Connections

Air-cooled ice machines – follow steps 5.1 through 5.5.

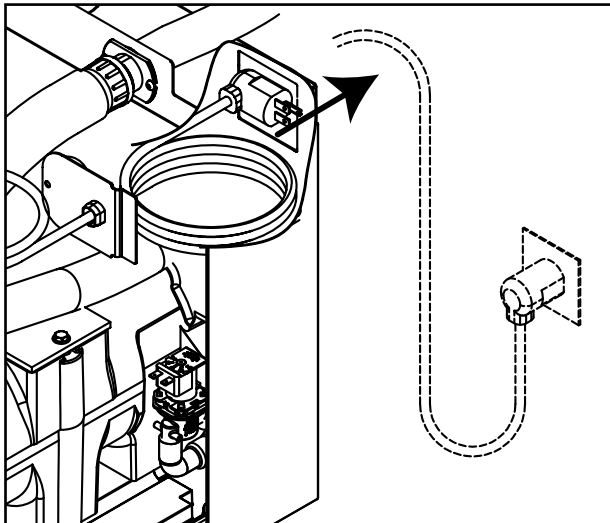
Water-cooled ice machines – follow steps 5.6 through 5.12.

### 5.1 Ice transport tube



- Slide ice machine into docking assembly ensuring that drain tube is fully seated on barbed drain fitting ①.
- Insert ice transport tube all the way into coupling and tighten nut firmly ②.

### 5.3 Power cord



- Remove twist tie.
- Carefully pass plug through opening and plug into wall outlet.
- For H\_E units, install a suitable plug.

### 5.2 Water solenoid, shut-off valve, and potable water line options

**5.2.1** If water solenoid is already mounted to evaporator:

1. Insert potable water line into shut-off valve.

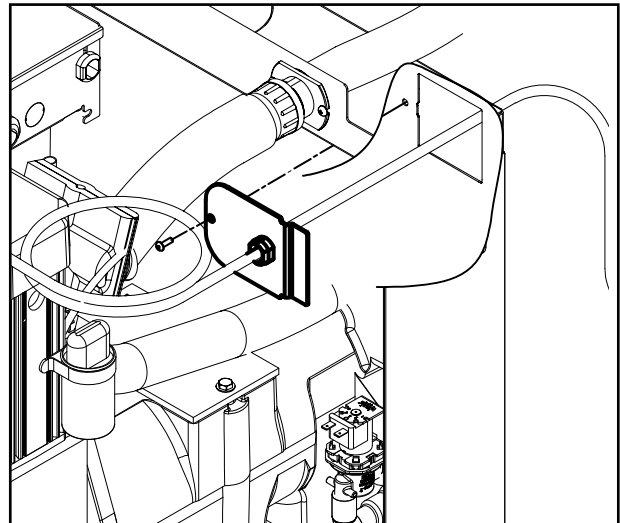
**5.2.2** If this is an undercounter installation:

1. Mount water solenoid atop evaporator and locate the shut-off valve *inside* the machine. Insert potable water line into shut-off valve.

**5.2.3** If water solenoid is not mounted and machine will not be installed undercounter:

1. Mount water solenoid to inside rear (upper right corner) of docking assembly using one screw.
2. Insert potable water line into shut-off valve - locate the shut-off valve *outside* the machine.
3. Insert outgoing line from shut-off valve into push-in connection of water solenoid.

### 5.4 Power cord

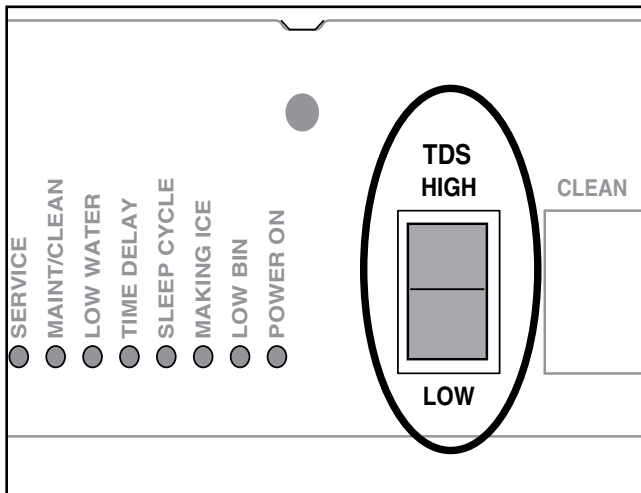


- Position plate into opening and secure with supplied screw.

#### **WARNING!**

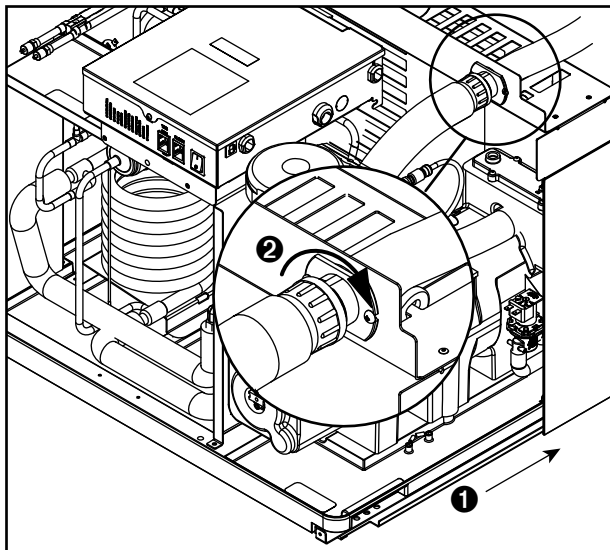
*Plate must be securely installed to ensure proper equipment ground.*

## 5.5 TDS switch



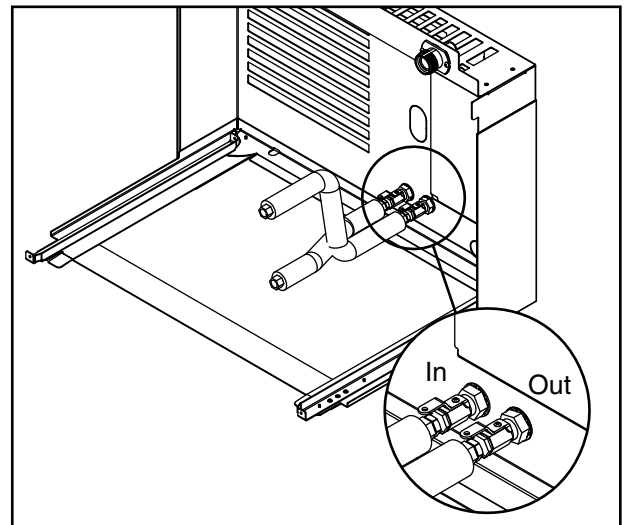
- Set the TDS switch on the electrical box.
  - **HIGH:** for extended service life
  - **LOW:** for low-scale water

## 5.7 Ice transport tube



- Slide ice machine into docking assembly ensuring that drain tube is fully seated on barbed drain fitting ①.
- Insert ice transport tube into coupling and tighten nut firmly ②.

## 5.6 Cooling Lines



- Install ice machine cooling water lines to docking assembly.

## 5.8 Water solenoid, shut-off valve, and potable water line options

### 5.8.1 If water solenoid is already mounted to evaporator:

1. Insert potable water line into shut-off valve.

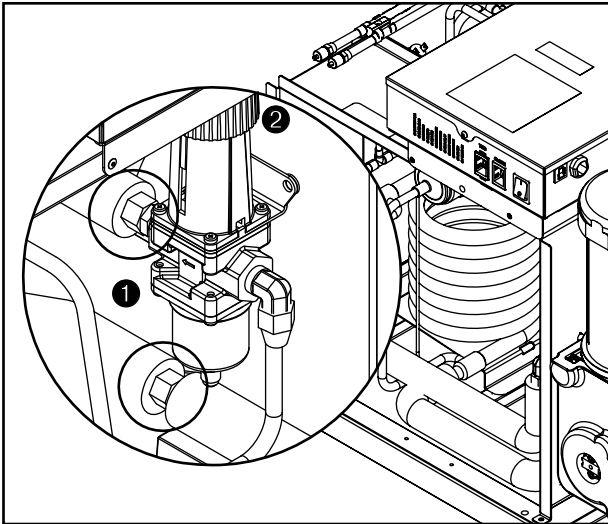
### 5.8.2 If this is an undercounter installation:

1. Mount water solenoid atop evaporator and locate the shut-off valve *inside* the machine. Insert potable water line into shut-off valve.

### 5.8.3 If water solenoid is not mounted and machine will not be installed undercounter:

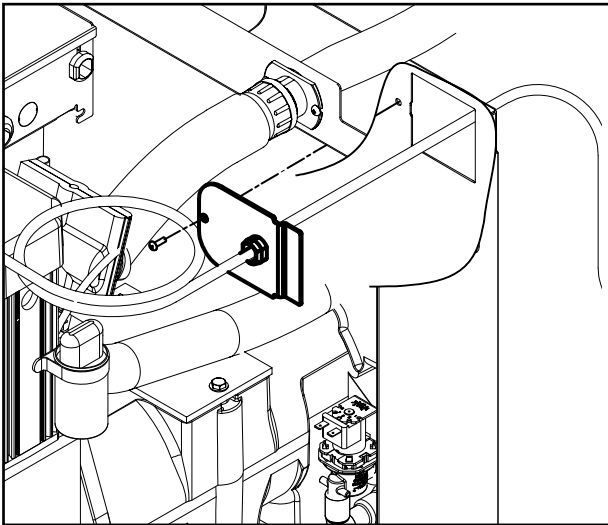
1. Mount water solenoid to inside rear (upper right corner) of docking assembly using one screw.
2. Insert potable water line into shut-off valve - locate the shut-off valve *outside* the machine.
3. Insert outgoing line from shut-off valve into push-in connection of water solenoid.

## 5.9 Cooling lines and power



- Connect cooling water lines to ice machine ❶. (Water "Out" connects to water regulator.)
- Water valve is set at the factory. **DO NOT** remove seal or adjust water valve ❷.

## 5.11 Plate

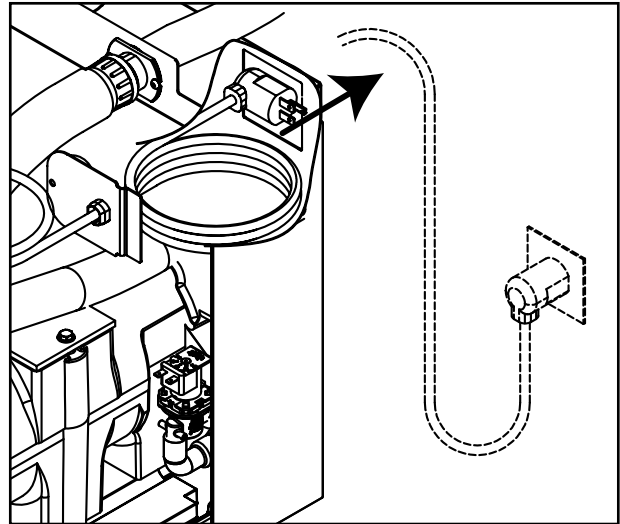


- Position plate into opening and secure with supplied screw.

### **WARNING!**

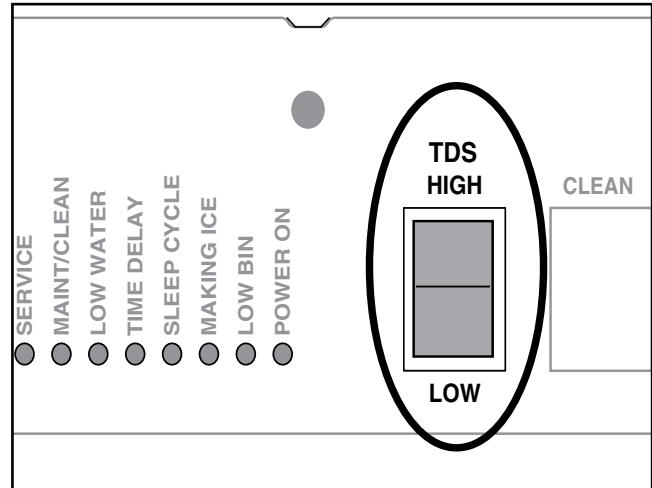
Plate must be securely installed to ensure proper equipment ground.

## 5.10 Power cord



- Remove twist tie.
- Carefully pass plug through opening and plug into wall outlet.
- For H\_E units, install a suitable plug.

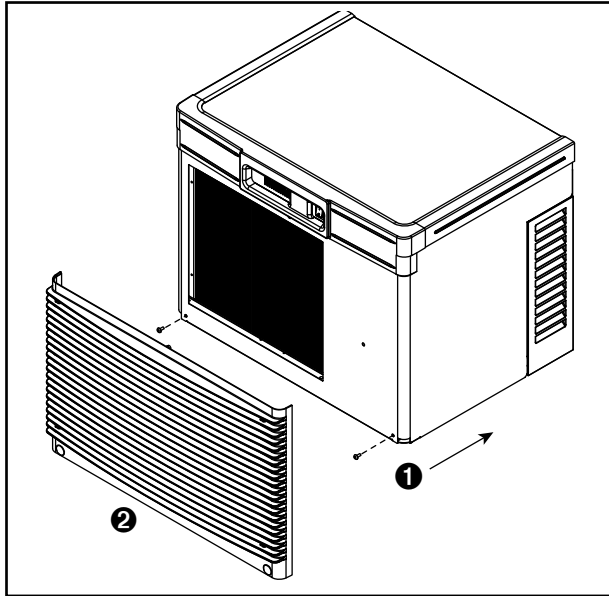
## 5.12 TDS switch



- Set the TDS switch on the electrical box.
  - **HIGH:** for extended service life
  - **LOW:** for low-scale water

## 6. Front Cover

Install front cover to ice machine.



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

## 7. Ice machine start up procedure

The start-up procedure below is intended to ensure that ice machine is operating properly after installation has been made. Check each item listed and call factory immediately for assistance if you experience problems with unit.

### NOTICE!

- Ice machine **MUST** be sanitized prior to operation!
- Consult Operation and Service Manual provided with ice machine for sanitizing instructions.

### 7.1 Before turning on power

1. Sanitize ice bin.
2. Turn on water to ice machine and check for leaks.

### 7.2 After turning on power

1. Turn on power switch and immediately press Clean switch to sanitize ice machine. At beginning of sanitizing process, ice machine will purge all water. Check internal and external drain connections for leaks.
2. After sanitizing process, ice machine will start. Confirm that gearmotor, fan motor and compressor start immediately.
3. Check that ice begins to enter dispenser bin area within approximately 10 minutes.





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