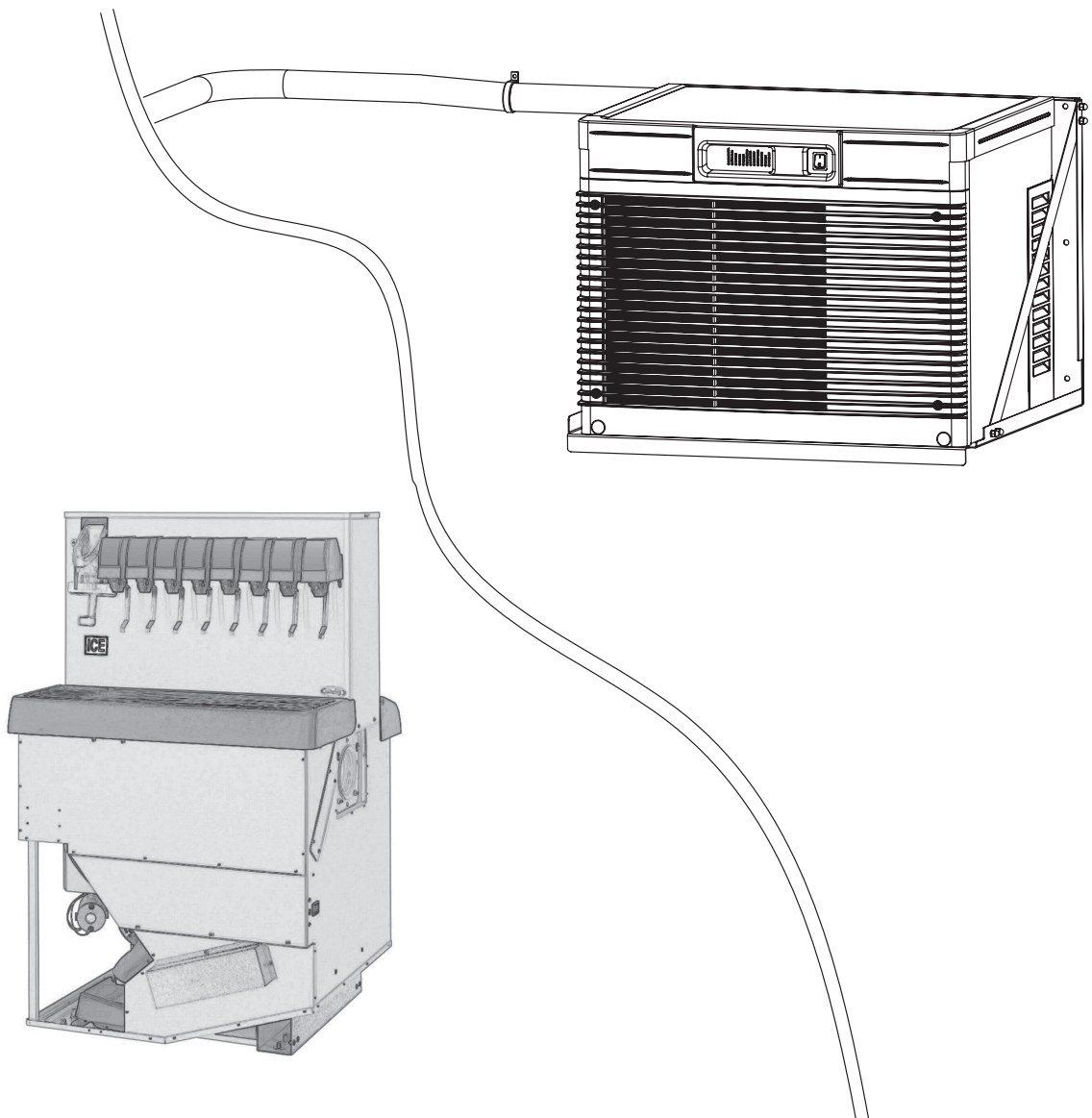
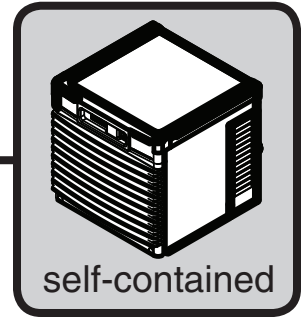


Horizon Elite™ Ice Machine Models with RIDE™ Technology Installation Instructions for Cornelius PR150

HCC1010APS, HCC1410APS, HCC1010WPS, HCC1410WPS,
(See model number configurator on page 2 for details.)

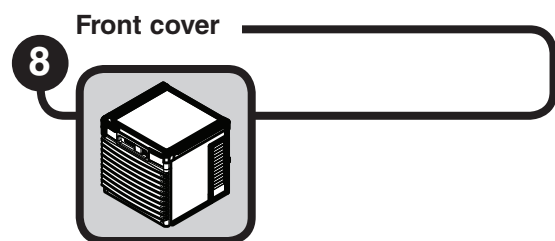
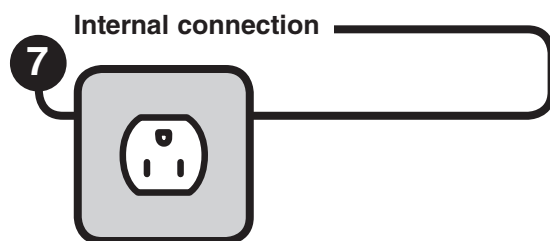
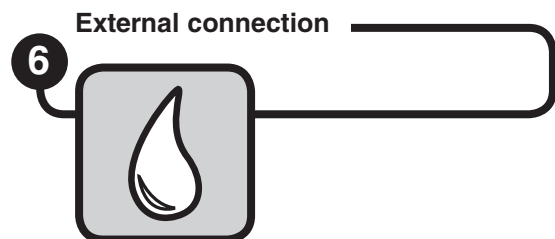
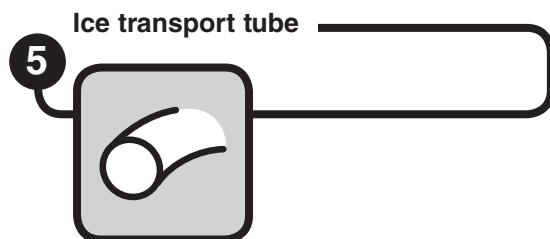
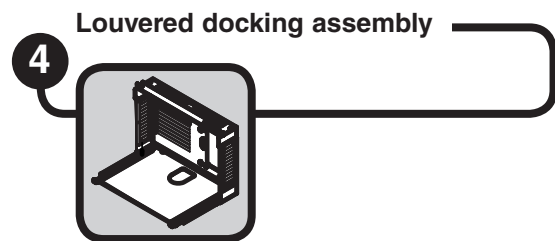
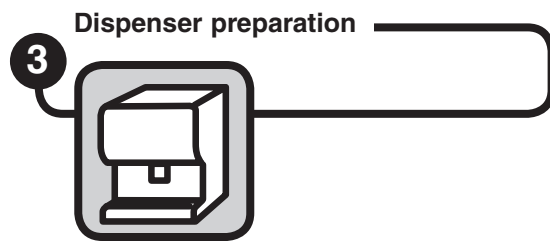
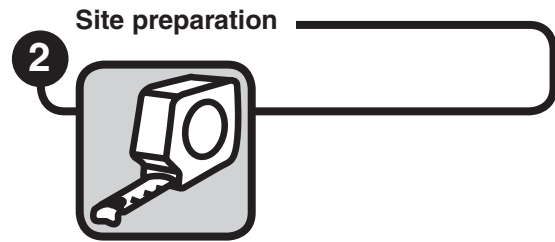
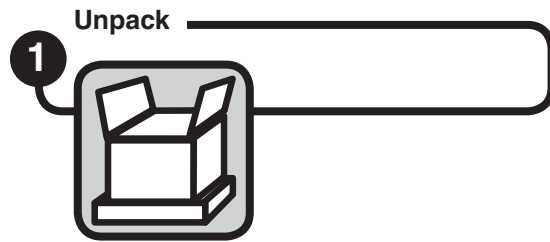
Order parts online
www.follettice.com



Chewblet® Ice Machine Model Number Configurations

<div style="display: flex; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">HC</div> <div style="border: 1px solid black; padding: 2px 5px;">C</div> <div style="border: 1px solid black; padding: 2px 5px;">1400</div> <div style="border: 1px solid black; padding: 2px 5px;">A</div> <div style="border: 1px solid black; padding: 2px 5px;">V</div> <div style="border: 1px solid black; padding: 2px 5px;">S</div> </div>					
Icemaker	Voltage	Series	Condenser	Application	Configuration
MC Maestro™ Chewblet® (400 Series)	C 208-230/60/1 (icemaking head) <i>Self-contained only.</i>	400 up to 454 lbs (206kg)	A Air-cooled, self-contained	V Vision™	S RIDE™
HC Horizon Chewblet (1000, 1400, 1650 Series)	D 115/60/1 (icemaking head) <i>Self-contained and remote. If remote unit, high side is 208-230/60/1.</i>	1000/1010 up to 1036 lbs (471kg)	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>	1400/1410 up to 1450 lbs (658kg)	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>	1650 up to 1580 lbs (717kg)	N Air-cooled, no condensing unit for connection to parallel rack system	J Drop-in	T Top-mount
				M Ice Manager diverter valve system	

Read and complete the following 8 installation steps



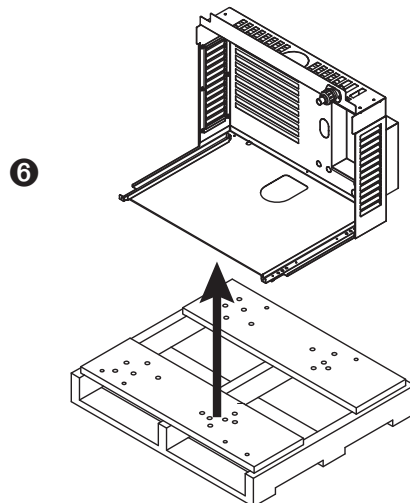
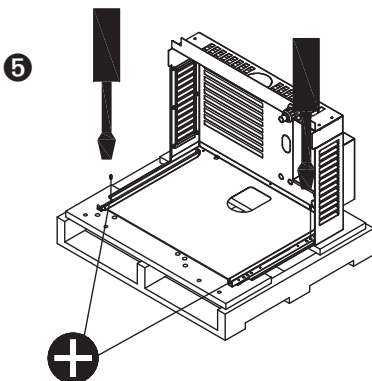
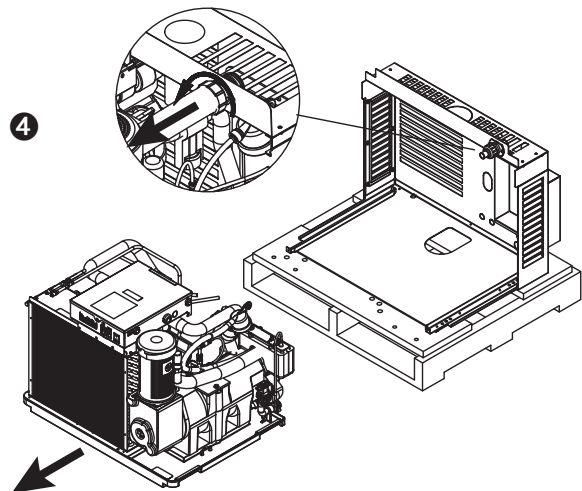
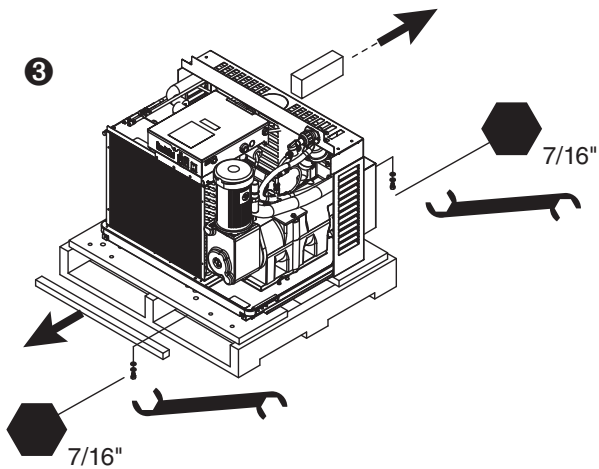
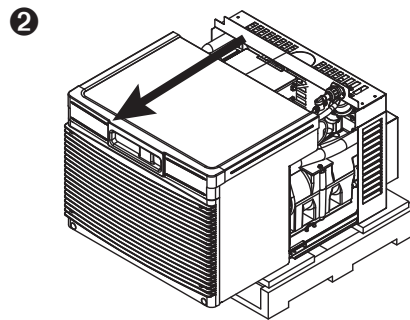
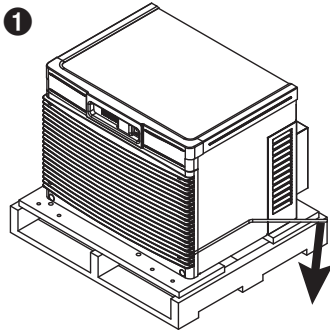
Carefully unpack and inspect the contents of your Follett ice machine.

Unpack

1



1.1 Unpack ice machine

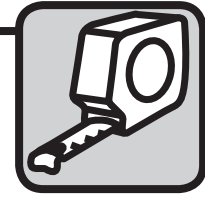


Prepare the installation site.

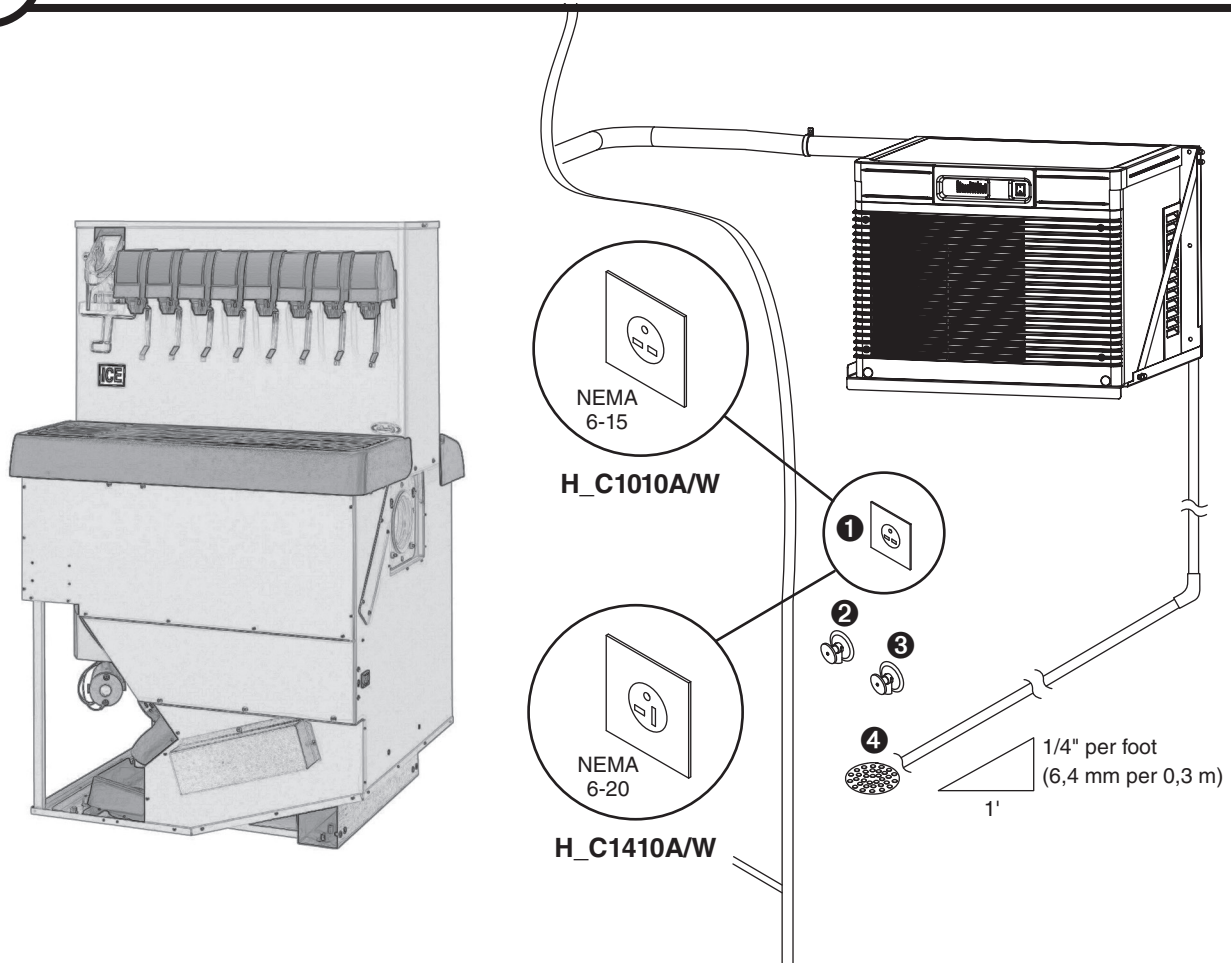
Site preparation

2

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 ①

- H_C1010(A/W)JS 208-230/60/1-15 amps
- H_C1410(A/W)JS 208-230/60/1-20 amps

Potable water supply ② (3/8" push-in internal connection, 3/8" OD tubing required)

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

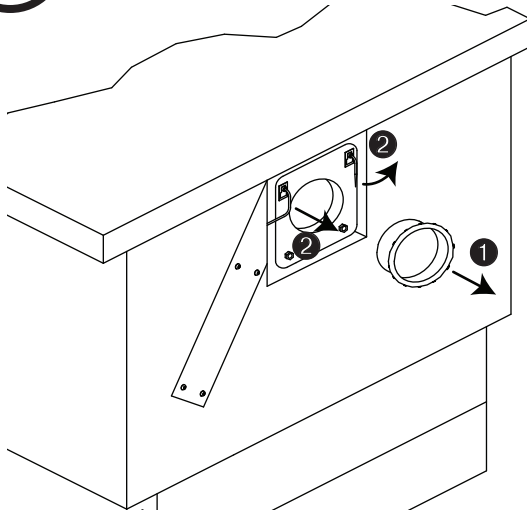
- 10 psi min.; 150 psi max. (69kpa min.; 1034kpa max.)
- 45 to 90 F (7 to 32 C)
- 1.5 gallons per minute (5.68 liters per minute)

Drain ④ (3/4" MPT)

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

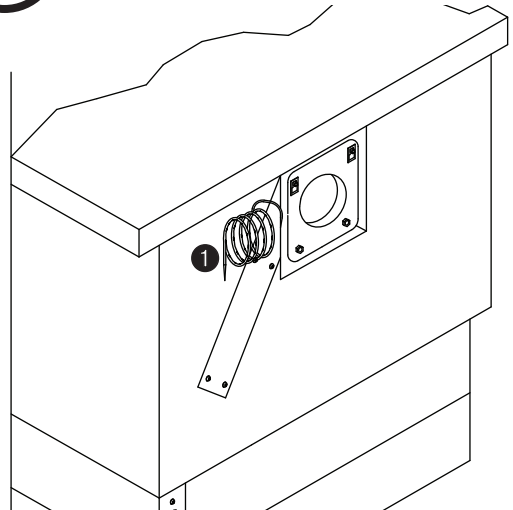


3.1



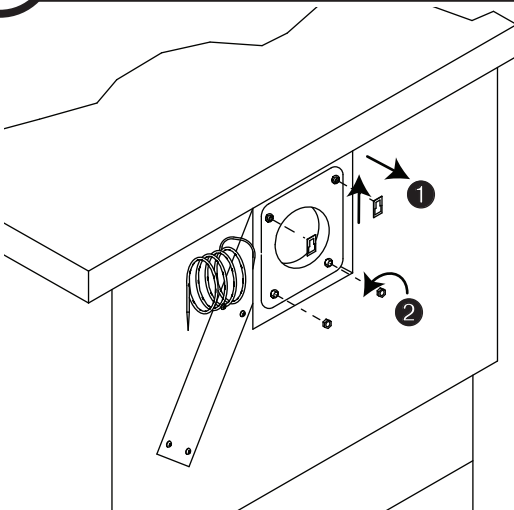
- Remove ice entry cover plate **1**
- Remove bin thermostat capillary tube from bracket **2**

3.2



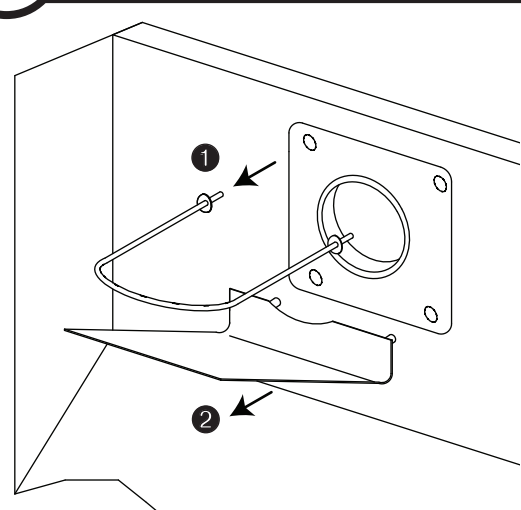
- Coil capillary tube and secure away from bin fill opening **1**

3.3



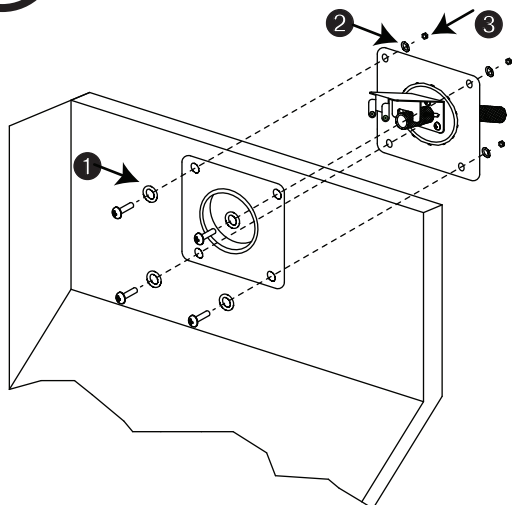
- Remove retaining clips **1** and deflector nuts **2**

3.4



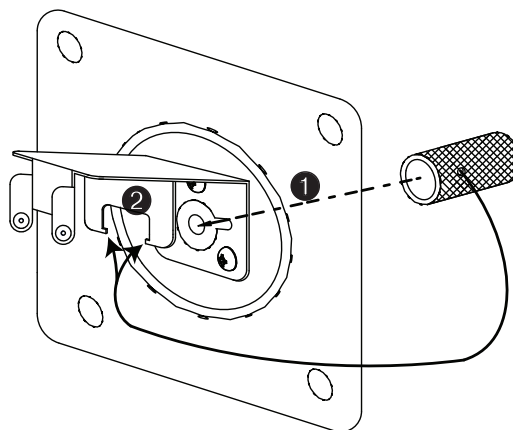
- Remove capillary tube bracket **1** and deflector **(Fig. 4.2)** from inside ice storage hopper **2**

3.5



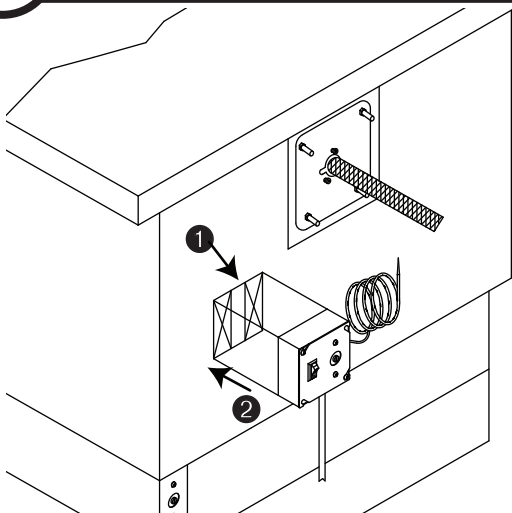
- Mount cover plate/transport tube assembly on outside of dispenser using screws, flat washers **1**, lock washers **2** and nuts provided **3**

3.6



- Insert end of ice transport tube (with retaining holes) through hole in center of cover plate assembly **1**
- Secure ice transport tube (holes) to retaining tabs on bracket **2**

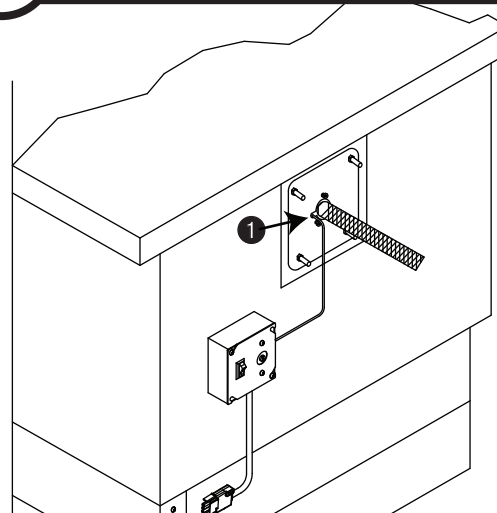
3.7



- Thoroughly clean outer wall of dispenser in area indicated **1**
- Peel backing from adhesive and mount bin thermostat box to dispenser wall **2**

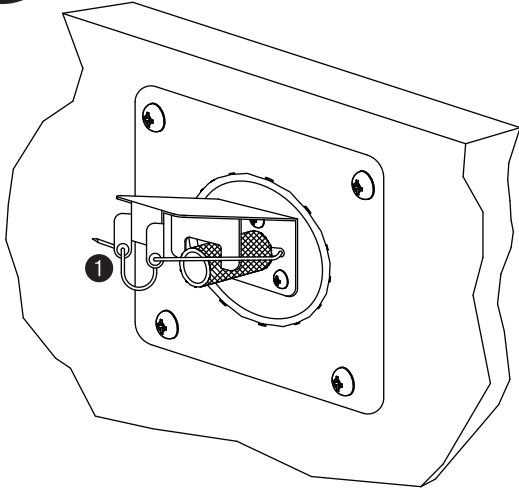
Note: Once adhesive on thermostat box contacts dispenser cabinet it can not be re-positioned.

3.8



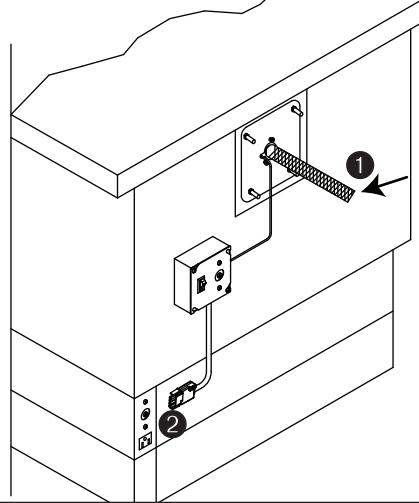
- Insert bin thermostat capillary tube through hole in gasket as indicated **1**

3.9



- Route thermostat capillary tube through mounting bracket grommets as shown ①

3.10



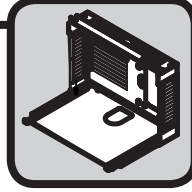
- Insulate entire length of ice transport tube ① and route to icemaker in accordance with directions in Horizon installation instructions
- Route bin signal wire to icemaker ②

Install the louvered docking assembly.

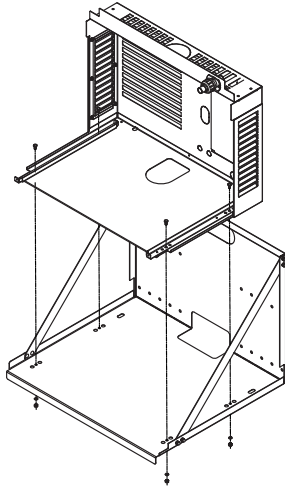


WARNING

- 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

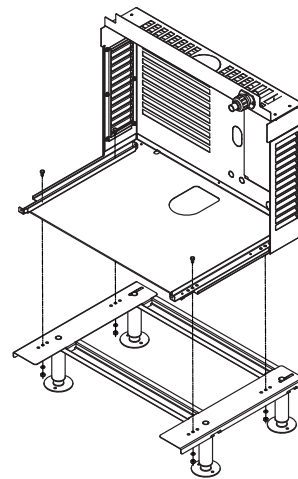


Wall bracket accessory



- Mount louvered docking assembly to wall bracket accessory

Machine stand accessory



- Mount louvered docking assembly to machine stand accessory

4.1 Undercounter installation requirements Horizon 1010 & 1410 series

DOCKING STATION: Horizon 1010 & 1410 water- and air-cooled models

(See detail drawing on page 9)

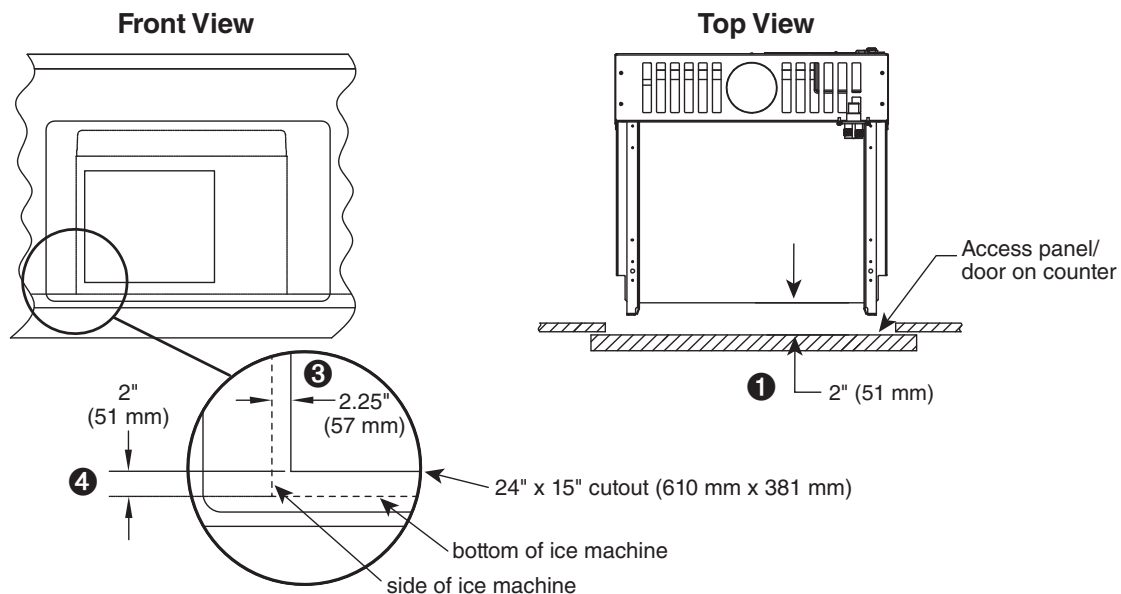
- Position and screw louvered docking assembly to the bottom of counter inside of access panel/door 2" (51 mm) from the front edge of the cross brace ❶
- The mounting surface for the louvered docking assembly must be solid. Do not mount directly onto runners or channels.
- There must be no lip or edge that would hinder the ice machine from sliding in or out of the louvered docking station ❷

INTAKE AND EXHAUST GRILLE PLACEMENT: Horizon 1010 & 1410 air-cooled models only

(See detail drawing on page 9)

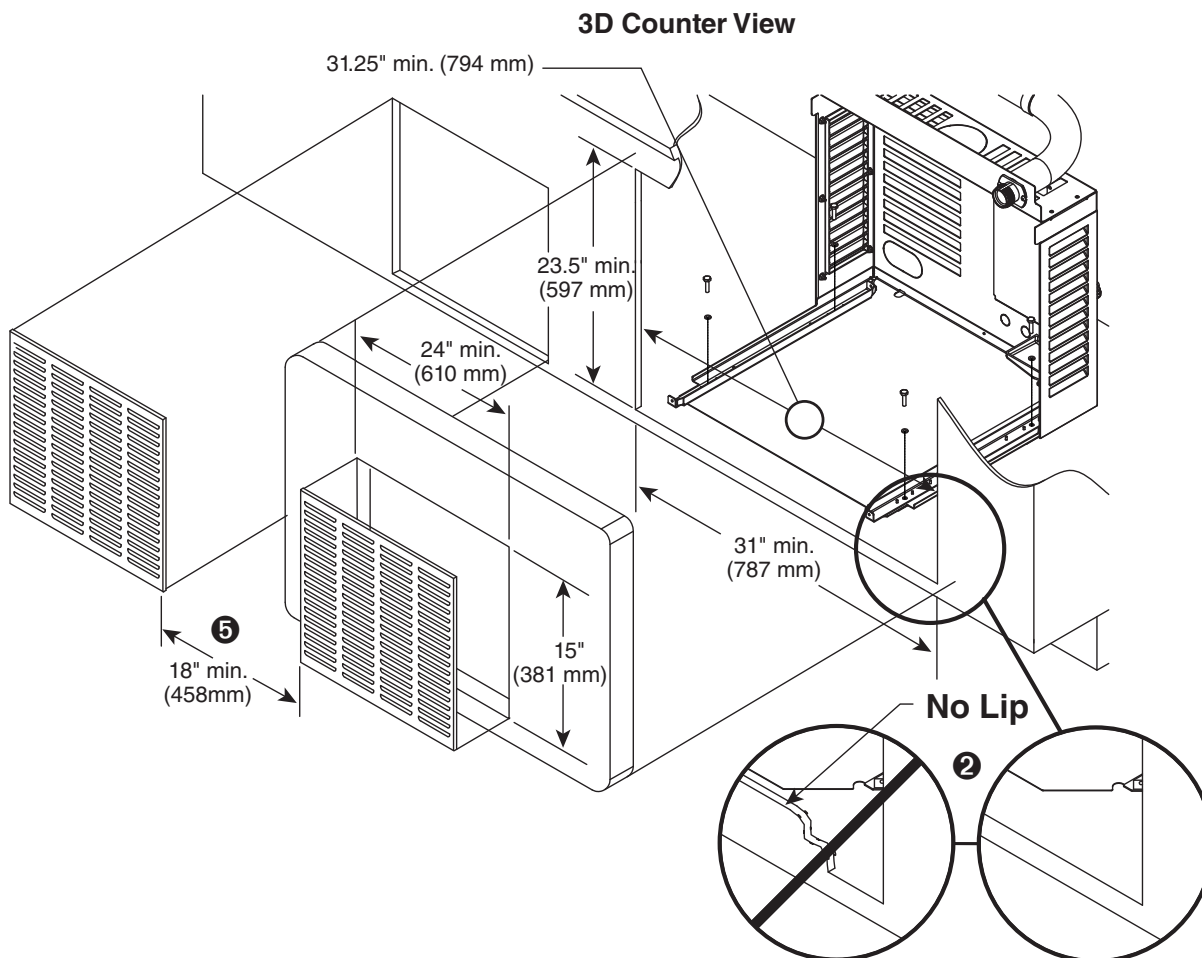
- Position the intake grille cut out in the access panel/door
 - Note:** Ice machine must be aligned with cut out and inside of access panel to provide a tight seal and prevent recirculation of hot exhaust air.
- Left edge of cutout should be 2.25" (57 mm) from the left side of the ice machine ❸
- Bottom edge of cutout should be 2" (51 mm) from the bottom of the ice machine ❹
- Position supplied exhaust grille at least 18" (458mm) away from intake grille ❺. Where possible, install exhaust grille to the rear or side of the base cabinet.
- If not using supplied grille, air circulation requirements below must be met: 250 sq. in (1613 sq cm) intake air, 250 sq. in (1613 sq. cm) exhaust air

Undercounter installation detail – Horizon 1010 & 1410 series



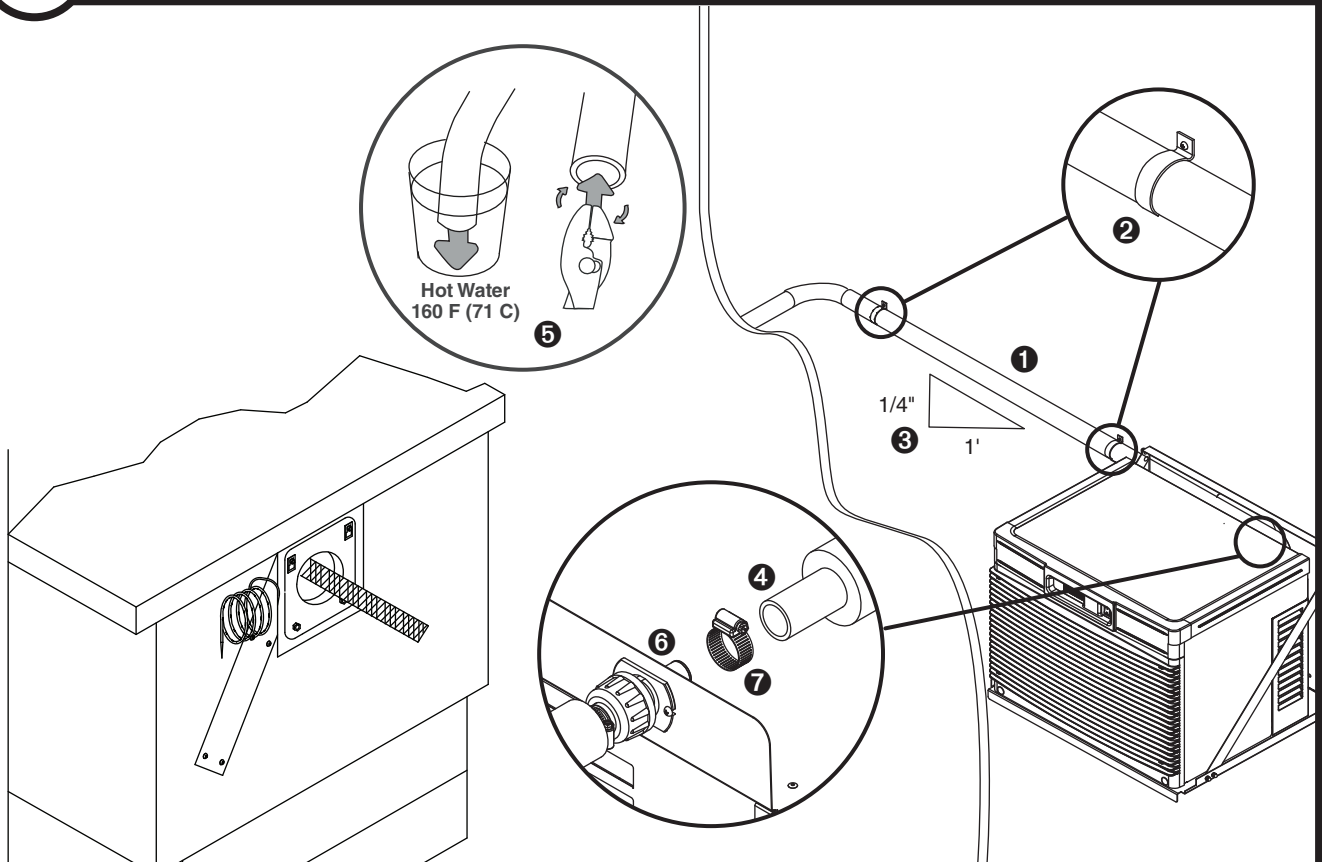
CAUTION

- Keep ventilation openings in the appliance enclosure clear of obstruction.
- To ensure proper ventilation (if not using supplied grille) carefully review air circulation specifications on facing page (4.1)





5.1 Ice transport tube installation.



Ice transport tube tips

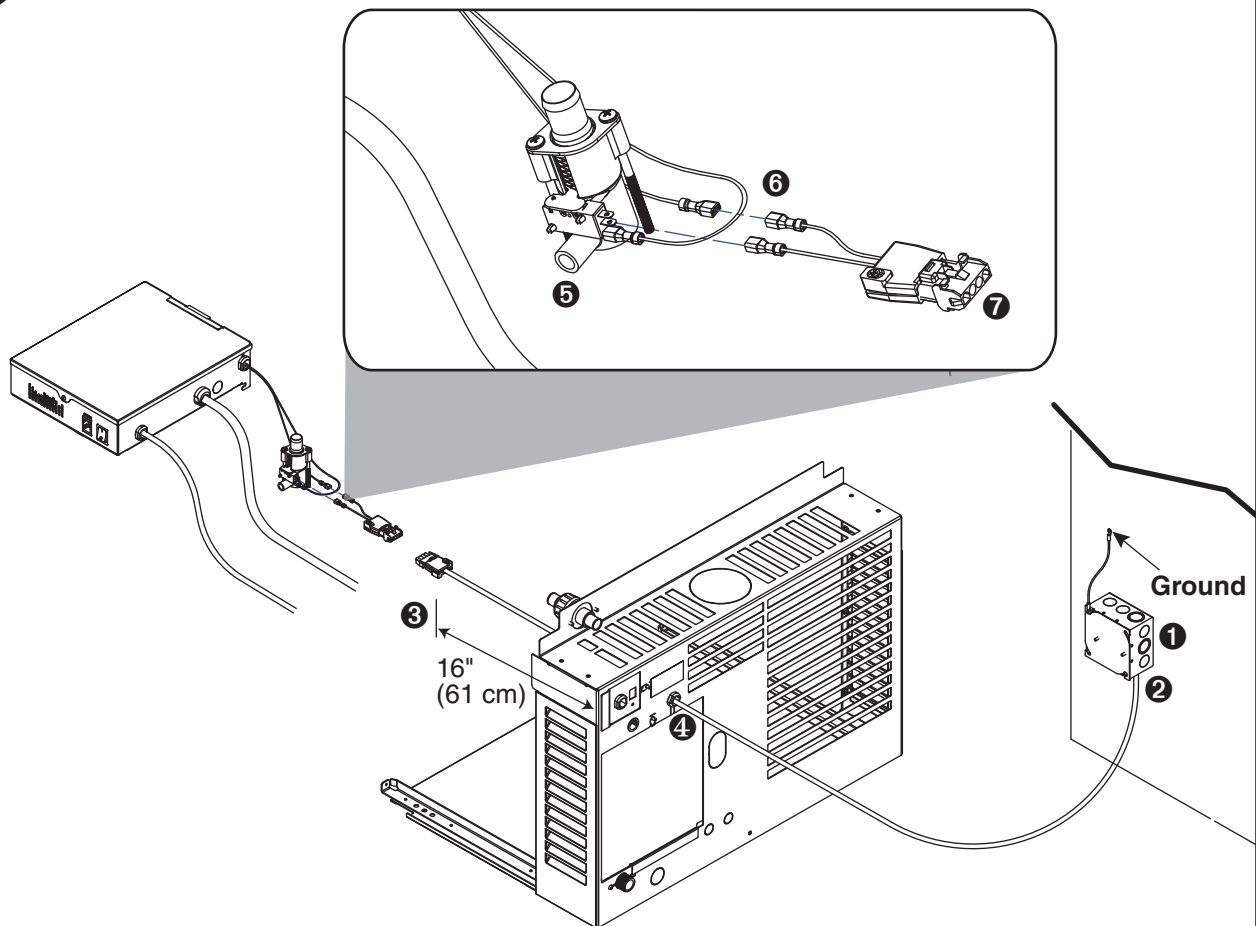
- Insulate entire length of ice transport tube ①
- Secure ice transport tube ② as needed to prevent dips and traps from forming. For long tube runs see guide on page 16.
- Pitch tube at least 1/4" per foot (6,4mm/.3m) ③
- Ice transport tube must drain towards ice machine

Ice transport tube to Ice machine

- Be sure tube ends are square ④
- Heat end of transport tube in cup of 160 F (71 C) hot water to soften and spread with pliers ⑤ before making connection to ease assembly
- Push ice transport tube onto ice machine nipple ⑥
- Install hose clamp ⑦

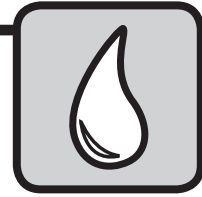


6.1 Bin Signal Installation

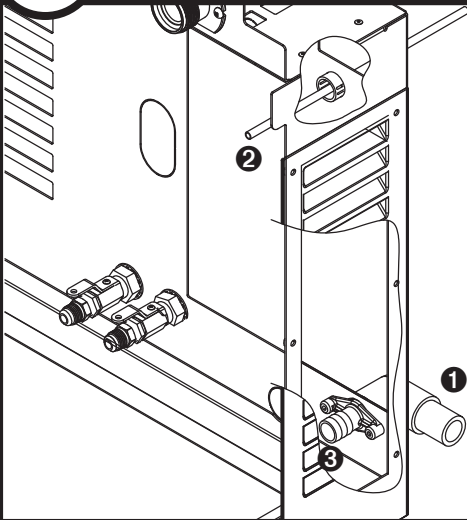


- Mount the electrical box to the side of the dispenser ① to establish a ground connection.
Note: If a 4 x 4 box is mounted to a non-grounded surface, connect ground wire at an appropriate ground.
- Connect the bin signal cord to the plug on the electrical box. ②
- Insert 16" (61 cm) of the long bin signal cable ③ into the hole in the back of the louvered docking station ④ and secure in place with strain relief provided.
- After sliding the ice machine module into the louvered docking station, disconnect one wire from shuttle switch and replace with wire from adapter plug. ⑤
- Connect wire removed from shuttle switch to male connector on adapter plug wire. ⑥
- Complete normal installation procedure for the ice machine using the installation manual that shipped with the ice machine.
- Connect adapter plug into bin signal plug. ⑦

Connect utilities to louvered docking assembly.

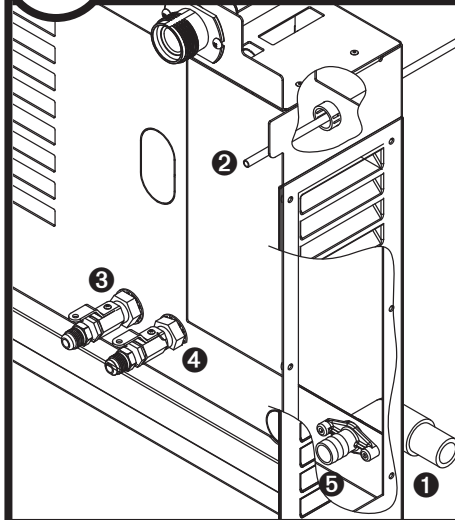


7.1 Air-cooled ice machines only



- 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 (6,4 mm/0,3 m).
- Rough-in ice machine potable water supply **2**.
3/8" push-in connection will be made at shut-off valve inside machine.
- Apply Petrogel to barbed drain fitting **3**
- Replace access panel

7.2 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.
- Rough-in ice machine potable water supply **2**.
3/8" push-in connection will be made at shut-off valve inside machine.
- Connect cooling water supply **3** and return **4**
- Apply Petrogel to barbed drain fitting **5**
- Replace access panel

Connect louvered docking assembly to ice machine.

Internal connections **8**

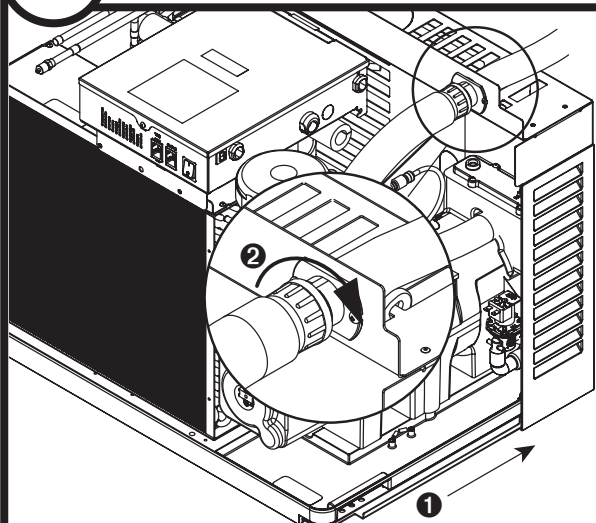
CAUTION

- Plug must be accessible after final installation.



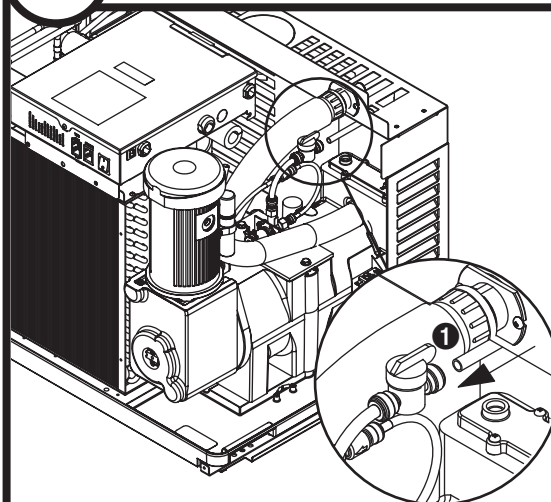
Air-cooled ice machines – follow steps 8.1 through 8.5.

8.1 Ice transport tube



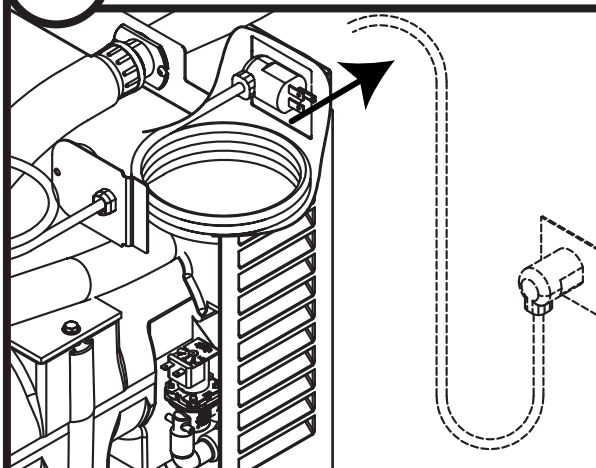
- Slide ice machine into louvered docking assembly *ensuring that drain tube is fully seated on barbed drain fitting* ①
- Insert ice transport tube all the way into coupling and tighten nut firmly ②

8.2 Potable water and drain lines



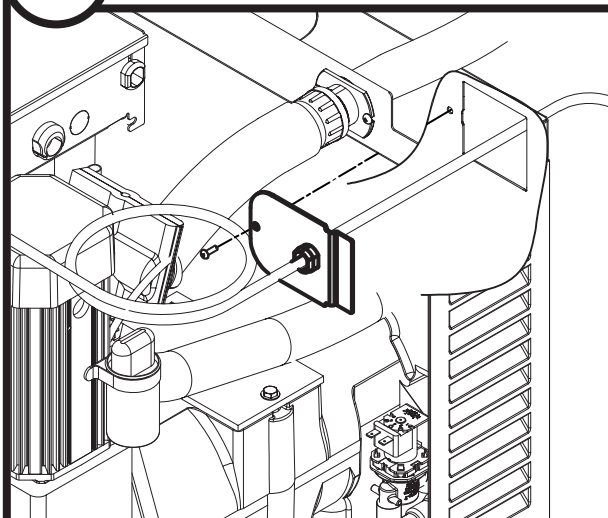
- Insert potable water line into valve ①

8.3 Power cord



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

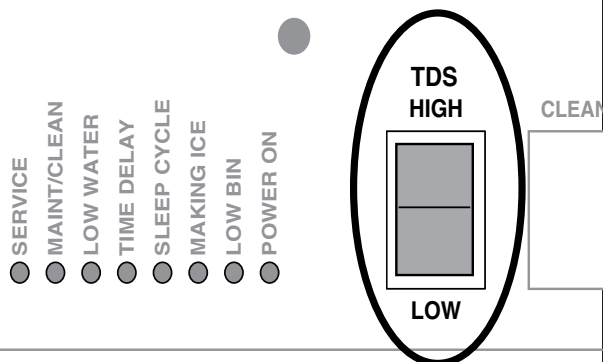
8.4 Power cord



- Position plate into opening and secure with supplied screw

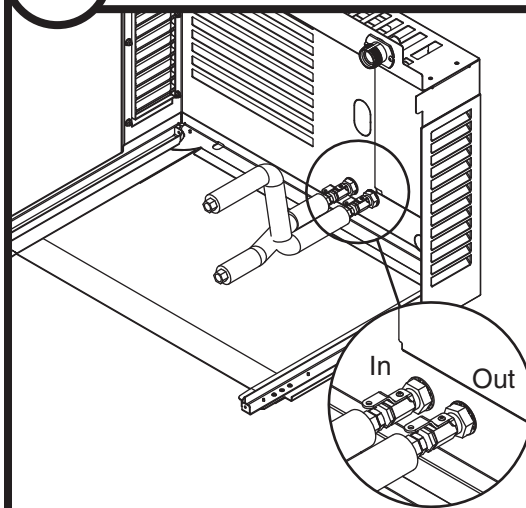
Water-cooled ice machines – follow steps 8.6 through 8.12.

8.5 TDS switch



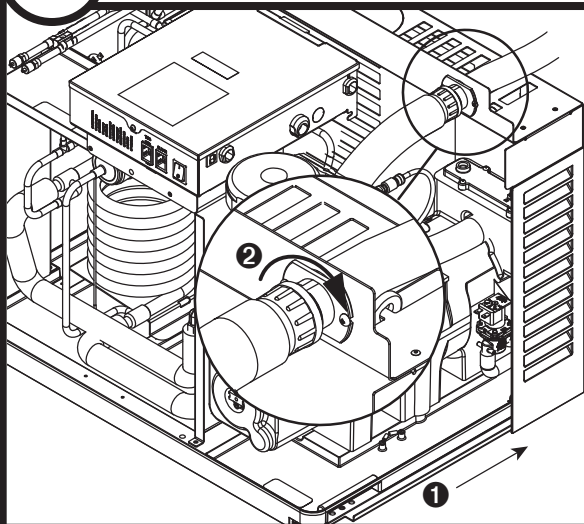
- Set the TDS switch on the electrical box:
HIGH: for extended service life
LOW: for low-scale water

8.6 Cooling lines



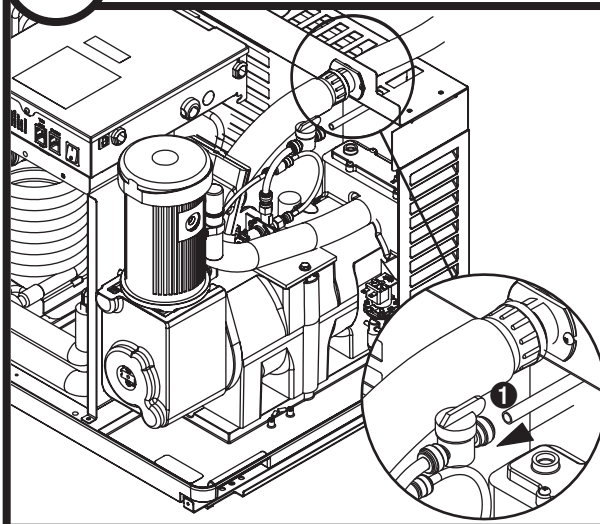
- Install ice machine cooling water lines to louvered docking assembly

8.7 Ice transport tube



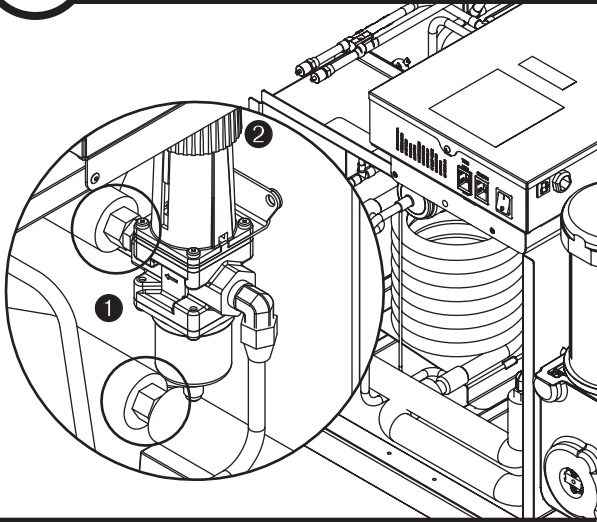
- Slide ice machine into louvered docking assembly *ensuring that drain tube is fully seated on barbed drain fitting 1*
- Insert ice transport tube into coupling and tighten nut firmly 2

8.8 Potable water and drain lines



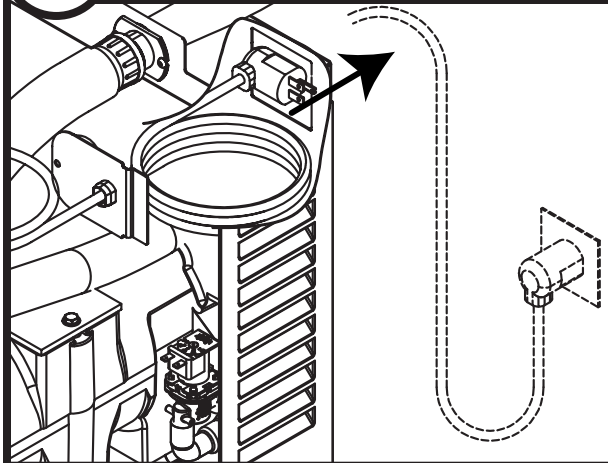
- Insert potable water line into valve 1

8.9 Cooling lines and power



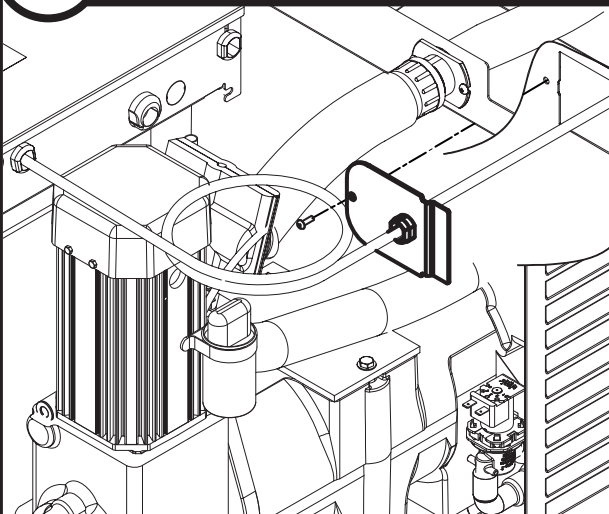
- Connect cooling water lines to ice machine (Water "Out" connects to water regulator.) ①
- Water valve is set at the factory. **DO NOT** remove seal or adjust water valve ②

8.10 Power cord



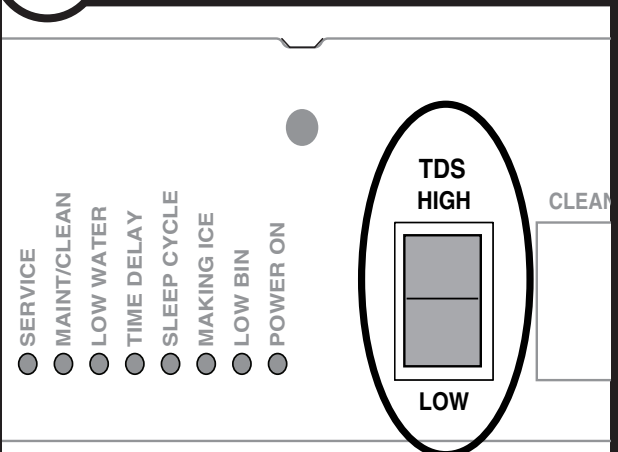
- Remove twist tie
- Carefully pass cord thru opening and plug into wall outlet

8.11 Power cord



- Position plate into opening and secure with supplied screw

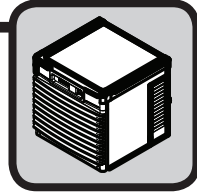
8.12 TDS switch



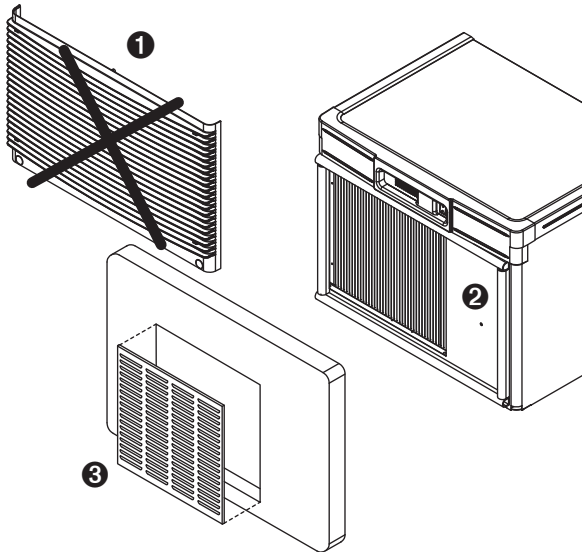
- Set the TDS switch on the electrical box:
HIGH: for extended service life
LOW: for low-scale water

NOTICE

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



**Front cover installation –
air-cooled undercounter only**

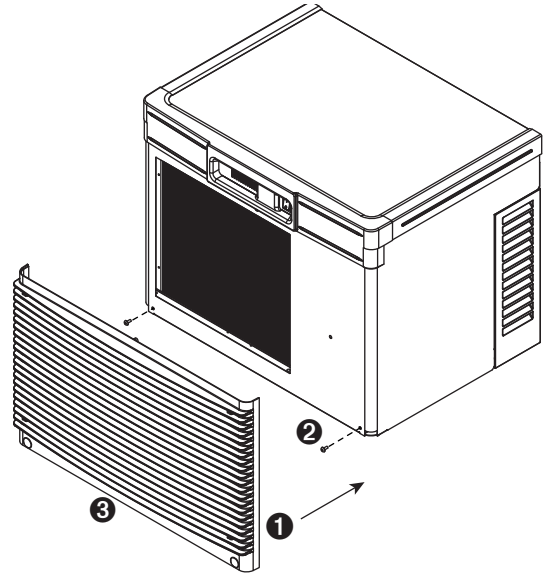


CAUTION

- Keep ventilation openings in the appliance enclosure clear of obstruction.
- To ensure proper ventilation (if not using supplied grille) carefully review air circulation specifications in section 4.1

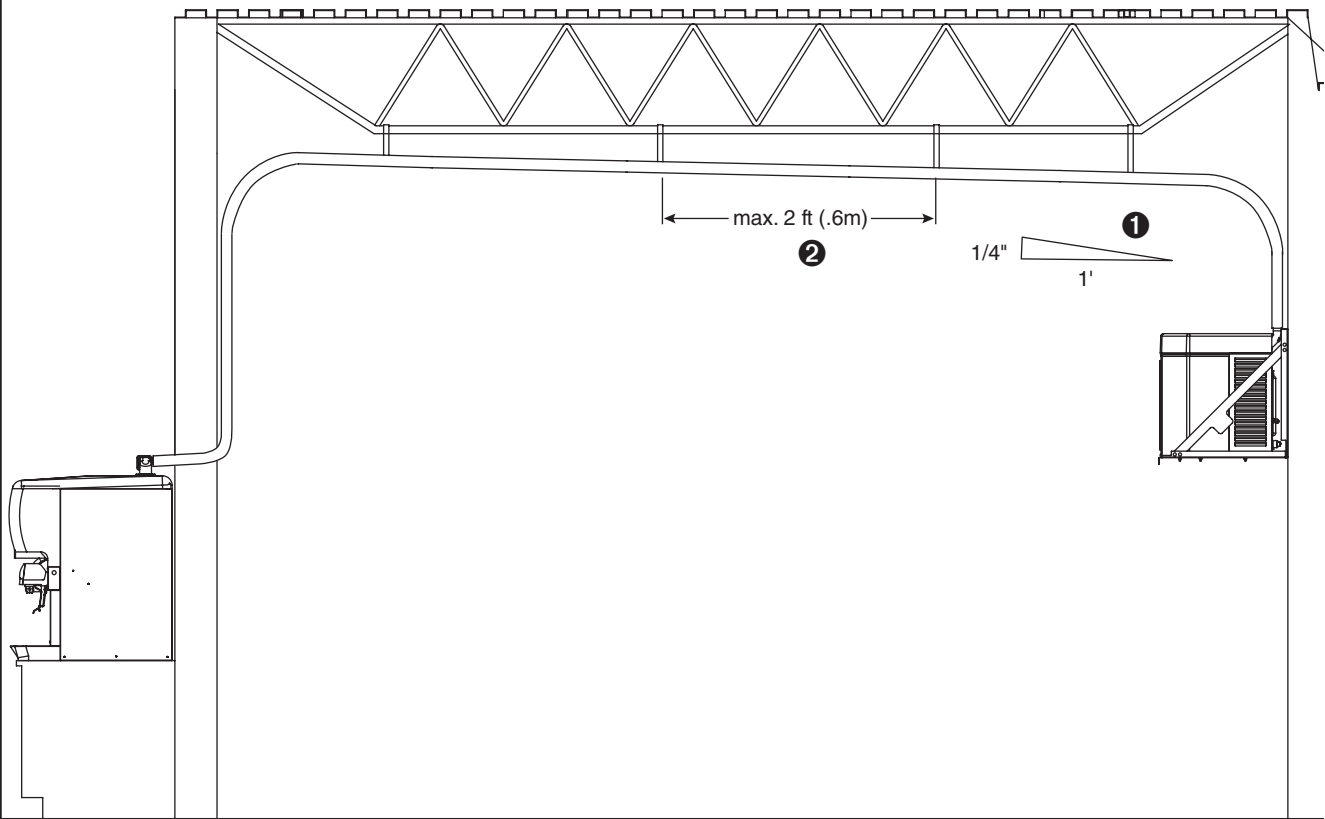
- Remove and discard plastic grille ①
- Apply supplied gasket material around entire opening on skin to prevent air recirculation ②
- Attach supplied metal grille to opening in counter door (see section 4.1) ③

Install 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
- Insert and tighten two screws through cover and into louvered docking assembly ②
- For air-cooled machines only, install plastic grill ③

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

