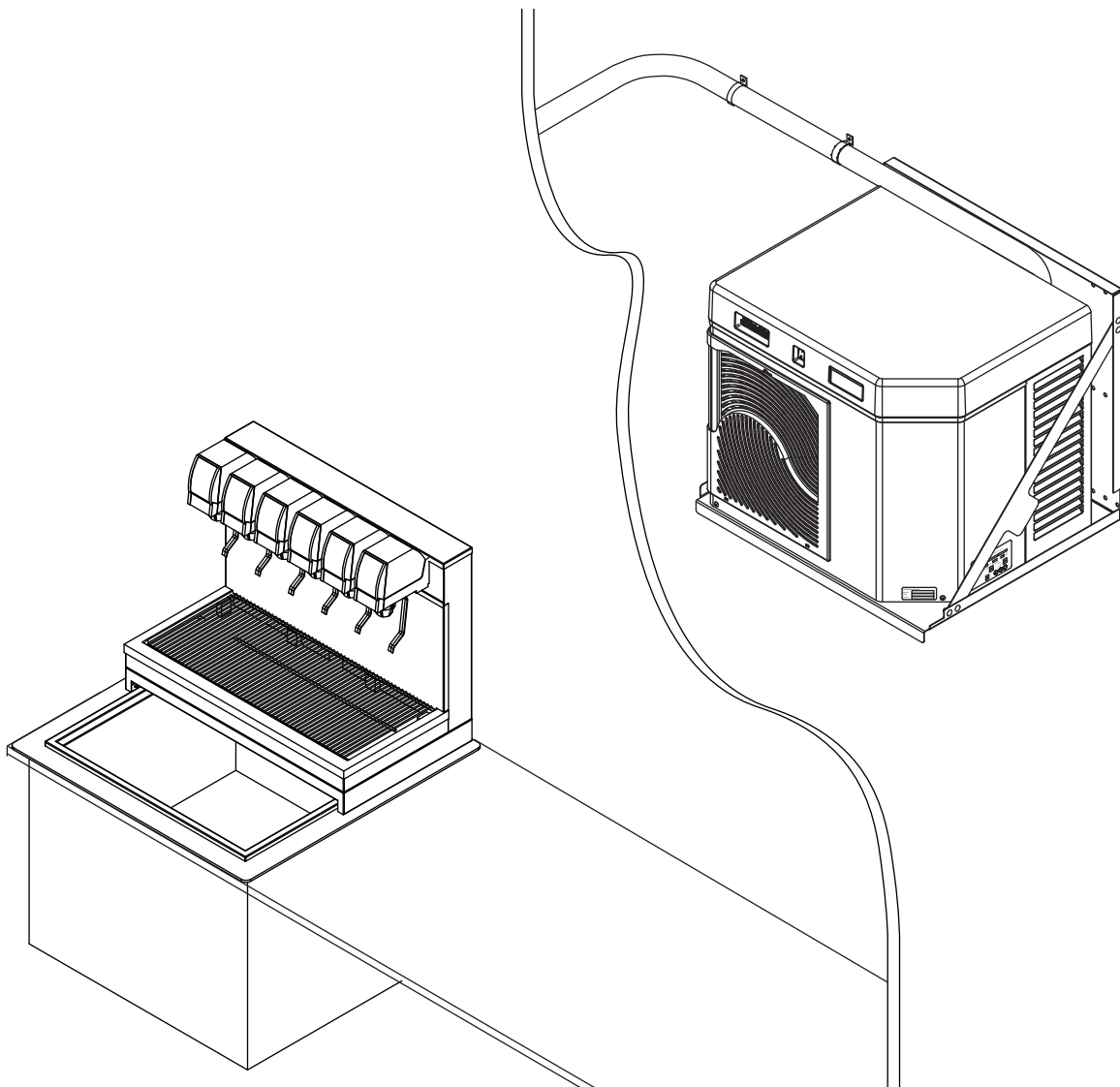


Horizon™ icemaker Installation Instructions for Drop-In Satellite-fill™ applications

HCC1000AJS, HCC1400AJS, HCC1000WJS, HCC1400WJS,
HCE1000AJS, HCE1400AJS, HCE1000WJS, HCE1400WJS
(See model number configurator on page 2 for details.)

Order parts online
www.follettice.com



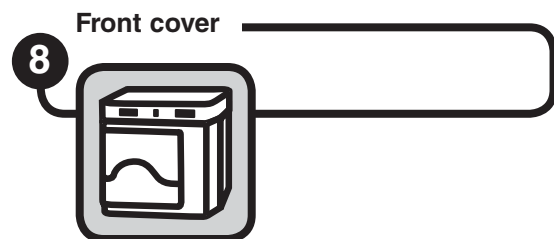
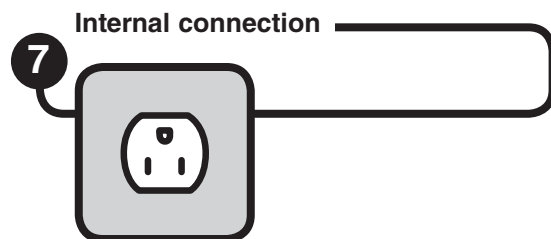
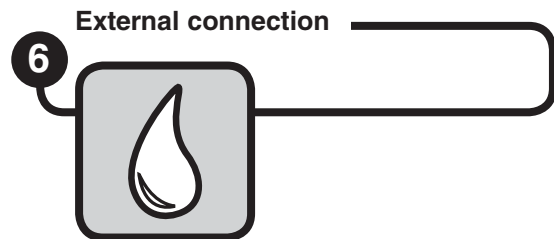
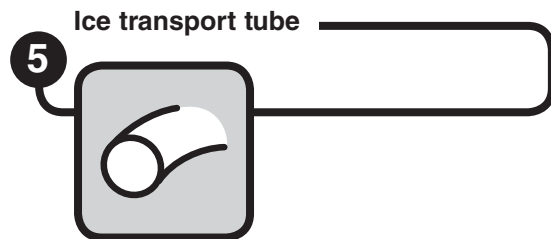
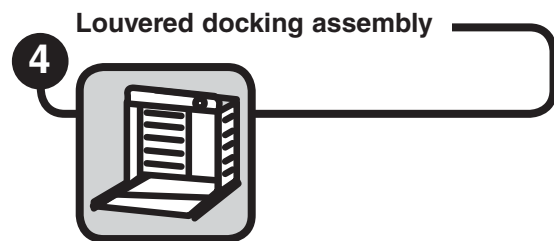
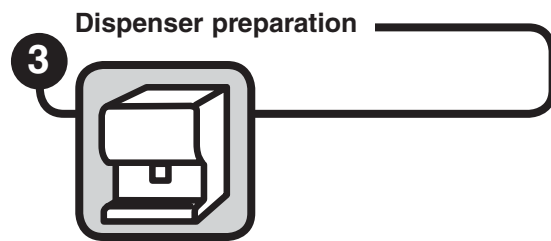
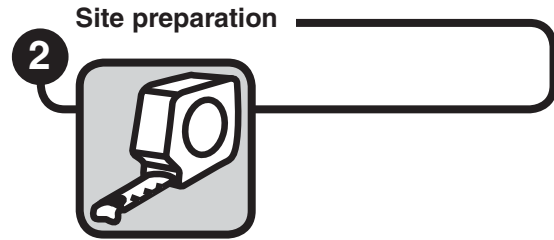
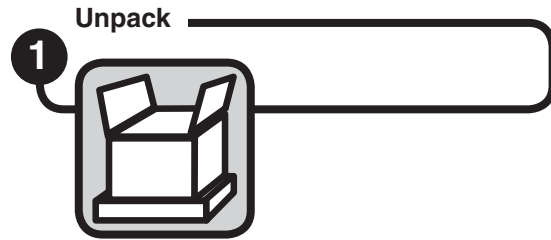
Horizon Series Icemaker Model Number Configurations

		HC	C	1400	A	V	S				
Icemaker		Voltage		Series	Condenser		Application	Configuration			
HC	Horizon	C	208-230/60/1 <i>(self-contained only)</i>	1000	up to 1036 lbs (471kg)	A	Air-cooled, self-contained	V	Vision™	S	Satellite-fill™
	Chewblet®	D	Low side 115/60/1 Condensing unit 208-230/60/1 <i>(remote condensing only)</i>	1400	up to 1450 lbs (658kg)	W	Water-cooled, self-contained	H	Harmony™	T	Top-mount
		E	230/50/1 <i>(self-contained only)</i>			N	Air-cooled, remote condensing unit Air-cooled, no condensing unit for connection to parallel rack system	B	Ice storage bin	J	Drop-in
								M	Ice Manager† diverter valve system		

† Ice Manager Diverter Valve Systems can be used to fill any two of these bins or dispensers with a single ice machine.

Chewblet is a registered trademark of Follett Corporation, registered in the US.

Read and complete the following 8 installation steps



Follett Corporation Equipment Return Policy

Follett equipment may be returned for credit under the following conditions:

1. The equipment is new and unused.
2. A return authorization number has been issued by customer service within 30 days after shipment.
3. Follett receives the equipment at the factory in Easton, PA within 30 days after issuance of the return authorization number.
4. The equipment must be returned in Follett packaging. If the packaging has been damaged or discarded, Follett will forward, at the customer's expense, new packaging.

Note: Return freight charges are the responsibility of the customer. If equipment is returned and is damaged because of improper packaging, Follett Corporation will not be held responsible.

Credit will be issued when:

The equipment has been inspected by Follett and deemed suitable to be returned to stock.

Note: A 15% restocking charge will be deducted from the credit. If the cost to return the product to stock exceeds 15%, the actual cost will be deducted.

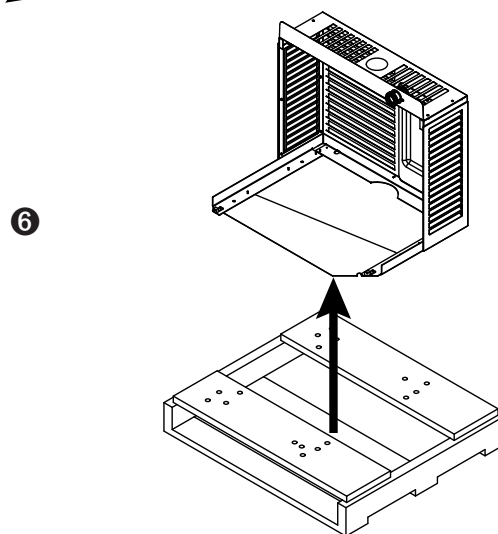
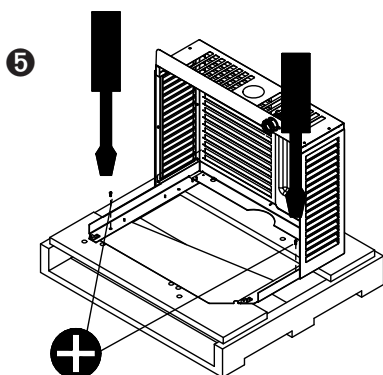
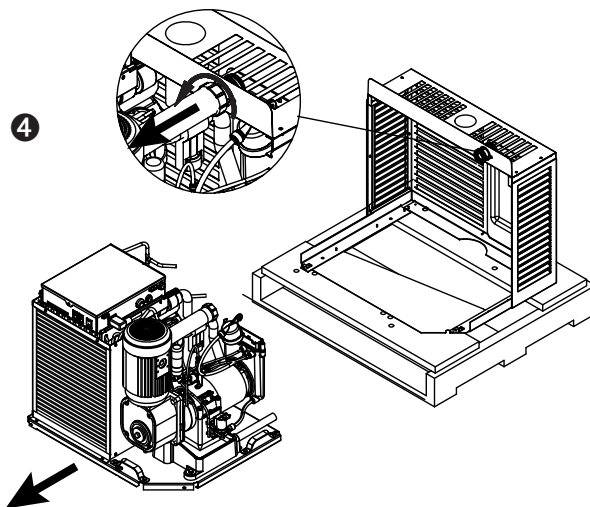
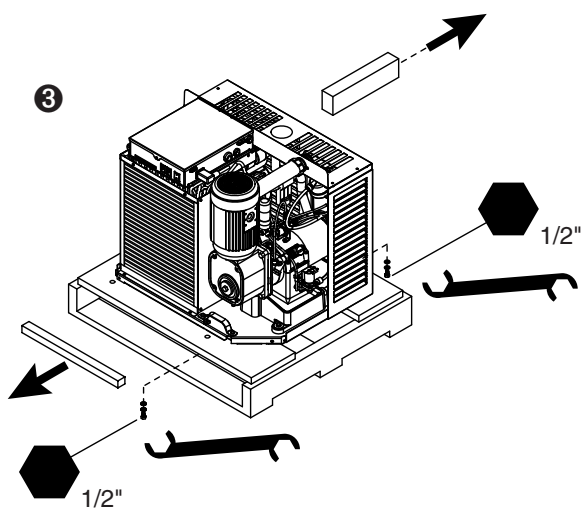
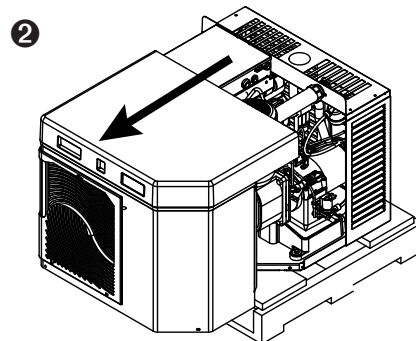
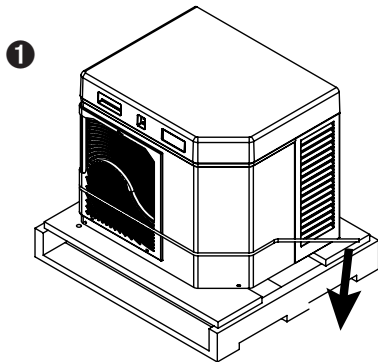
Carefully unpack and inspect the contents of your Follett icemaker.

Unpack

1



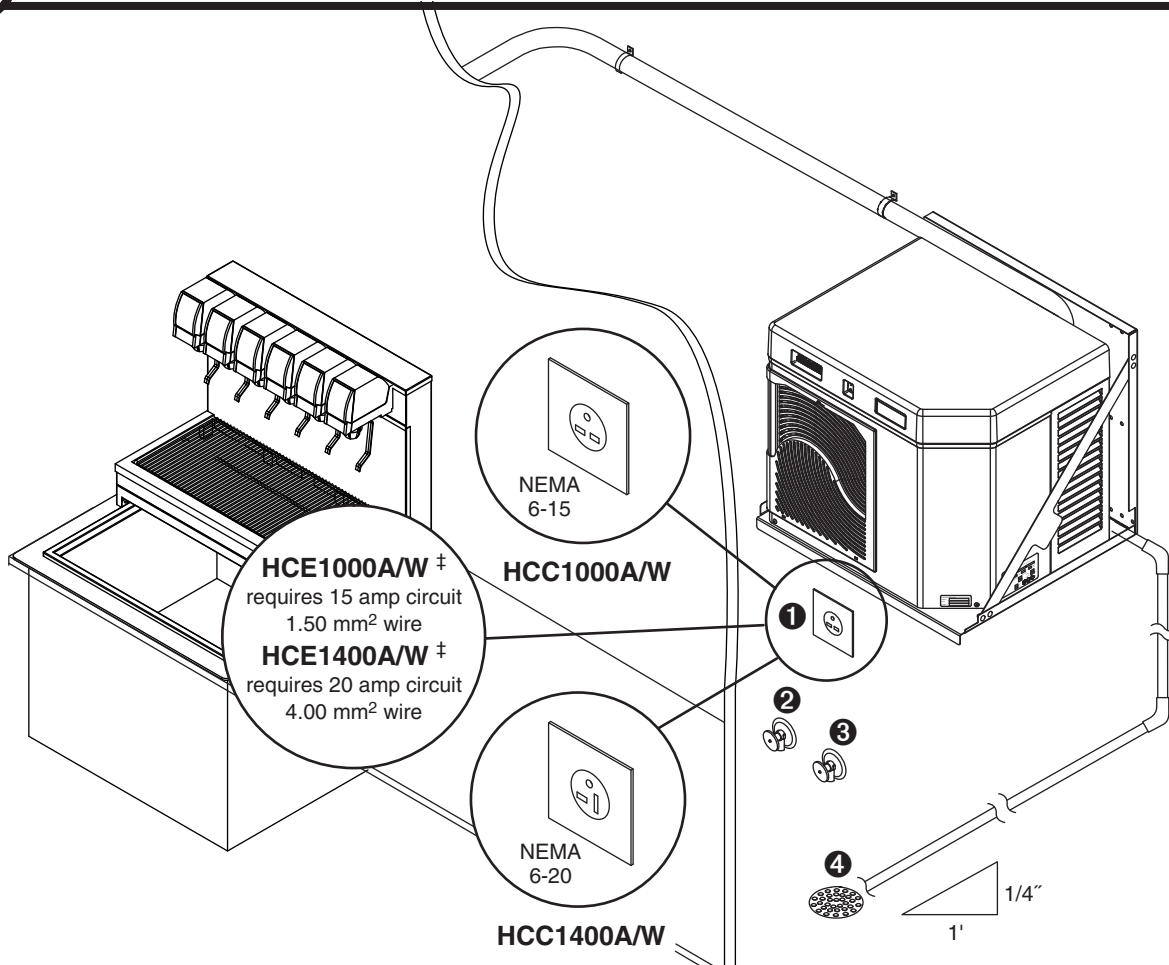
1.1 Unpack icemaker





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

2.1 Installation site requirements



Electrical ①

- HCC1000(A/W)JS 208-230/60/1-15 amps
- HCE1000(A/W)JS 230/50/1-15 amps[‡]
(HCE1000A/W Requires 15 amp circuit 1.50 mm² wire)
- HCC1400(A/W)JS 208-230/60/1-20 amps
- HCE1400(A/W)JS 230/50/1-20 amps[‡]
(HCE1400A/W Requires 20 amp 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 ②

- 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)

Condenser water supply for water-cooled systems ③

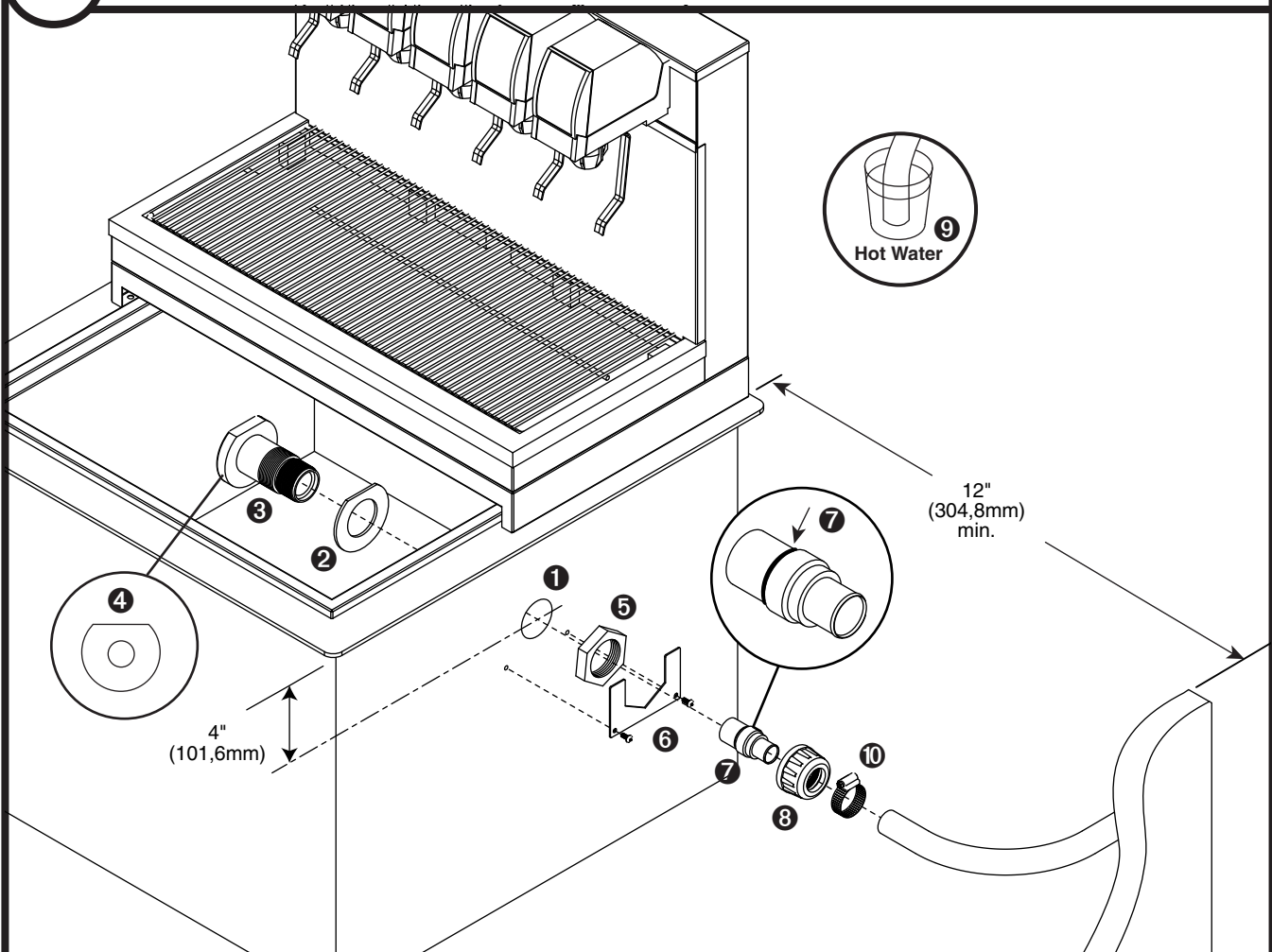
- 10 psi min.; 150 psi max. (69kpa min.; 1034kpa max.)
- 45 to 90 F (7 to 32 C)
- 1.5 gallons per minute (5.68 liters per minute)

Drain ④

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



3.1 Dispenser preparation



- Determine best route for ice transport tube run. **Note:** 12" (304,8mm) clearance is required.
- Drill 1 3/4" (44,5mm) hole through either side of dispenser ①
- Install gasket ② onto bulkhead fitting ③
- Attach bulkhead fitting with flat up ④ and tighten bulkhead nut ⑤
- Position and secure nut locking plate ⑥ with supplied screws
- Verify installation of O-ring on stainless steel ice transport tube coupling ⑦
- Insert stainless steel ice transport tube coupling ⑦ into bulkhead fitting and secure with coupling cap ⑧
- Soften ice transport tube with hot water (160 F (71 C)) to ease assembly ⑨
- Attach ice transport tube to coupling with supplied hose clamp ⑩

Install the louvered docking assembly.

Louvered docking assembly

4

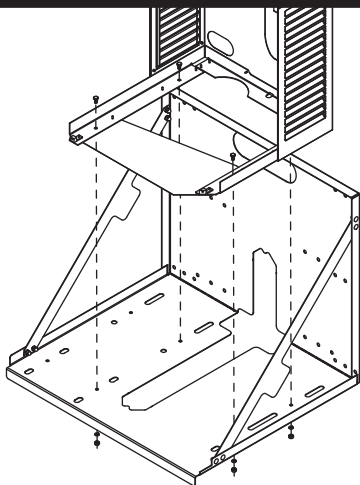


WARNING

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

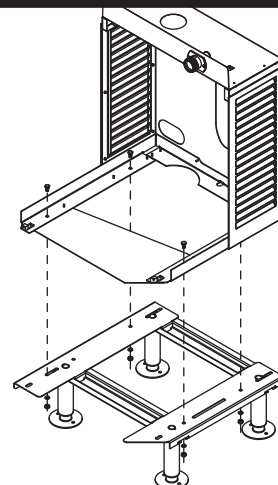


Wall bracket accessory



- 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 1000 & 1400 series

DOCKING STATION: Horizon 1000 & 1400 water- and air-cooled models

(See detail drawing on page 9)

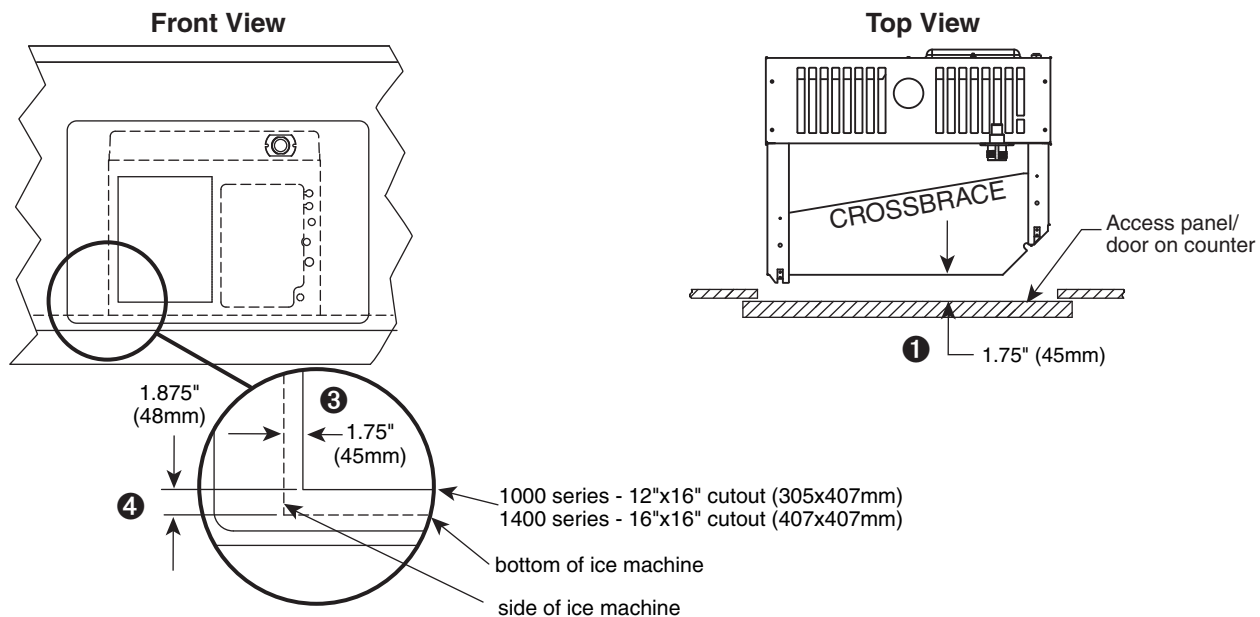
- Position and screw louvered docking assembly to the bottom of counter inside of access panel/door 1.75" (45mm) from the front edge of the cross brace ❶
- The mounting surface for the louvered docking assembly must be solid. Do not mount directly onto runners or channels.
- There must be no lip or edge that would hinder the icemaker from sliding in or out of the louvered docking station ❷

INTAKE AND EXHAUST GRILLE PLACEMENT: Horizon 1000 & 1400 air-cooled models only

(See detail drawing on page 9)

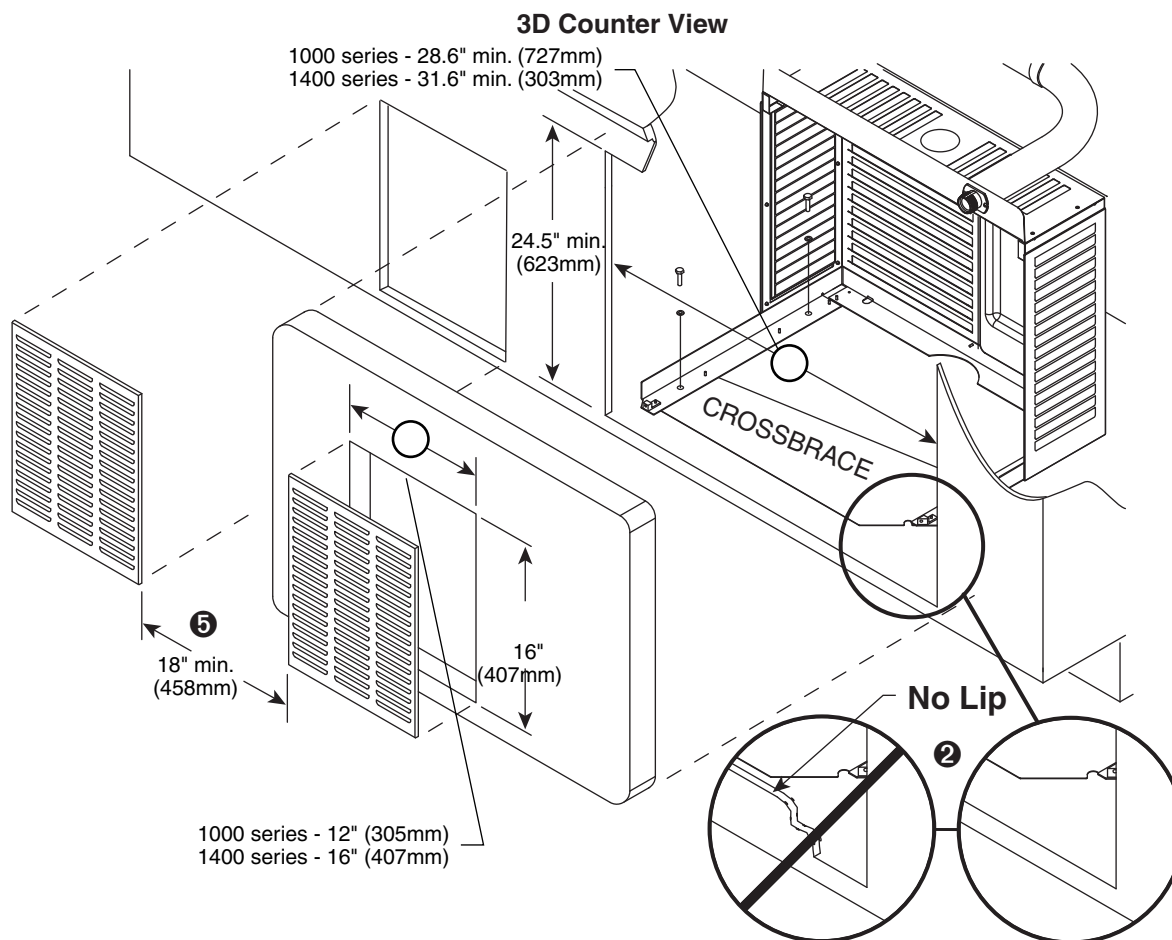
- Position the intake grille cut out in the access panel/door
Note: Icemaker must be aligned with cut out and inside of access panel to provide a tight seal and prevent recirculation of hot exhaust air.
- Left edge of cutout should be 1.75" (45mm) from the left side of the icemaker ❸
- Bottom edge of cutout should be 1.875" (48mm) from the bottom of the icemaker 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:
1000 series: 150 sq. in (967 sq. cm) intake air, 150 sq. in (967 sq. cm) exhaust air
1400 series: 175 sq. in (1129 sq. cm) intake air, 175 sq. in (1129 sq. cm) exhaust air

Undercounter installation detail – Horizon 1000 & 1400 series



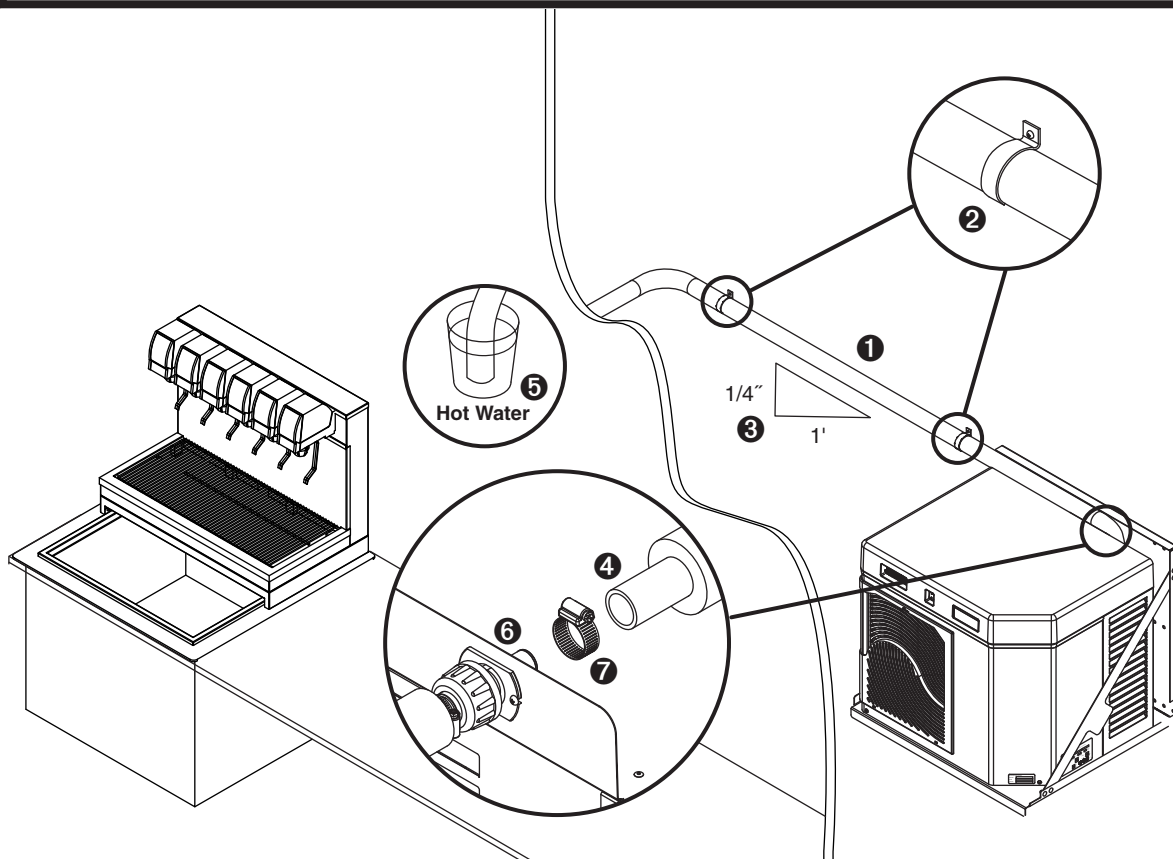
CAUTION

- 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.



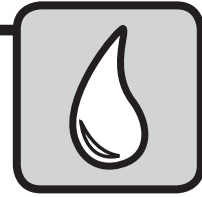
Ice transport tube tips

- 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 icemaker

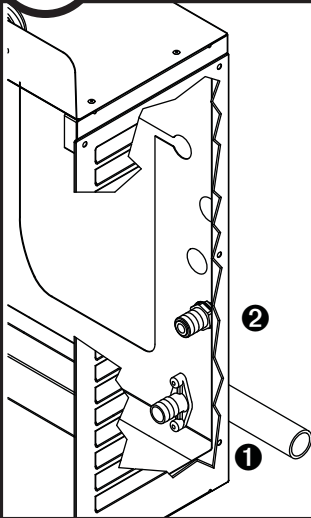
Ice transport tube to Icemaker

- Be sure tube ends are square ④
- Soften ice transport tube with hot water (160 F (71 C)) to ease assembly ⑤
- Push ice transport tube onto icemaker nipple ⑥
- Install hose clamp ⑦

Connect utilities to louvered docking assembly.

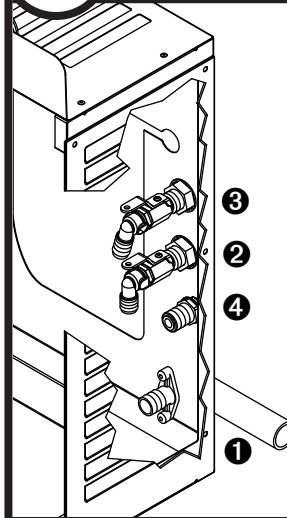


6.1 Air-cooled icemakers only



- Remove access panel if necessary
- Install drain line ①.
The rigid drain line from the icemaker must have at least 1/4" per foot pitch (6,4mm/0,3m).
- Install icemaker potable water supply ②
- Replace access panel

6.2 Water-cooled icemakers only



- Remove access panel if necessary
- Install drain line ①.
The rigid drain line from the icemaker 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 icemaker.

Internal connections

7



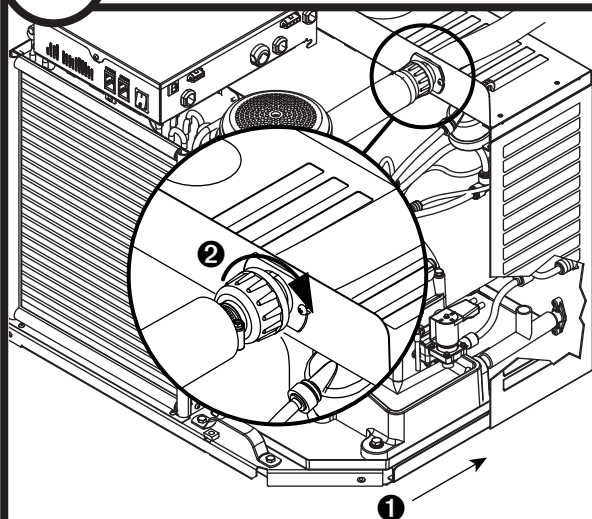
CAUTION

- Plug must be accessible after final installation.
- HCE1400A/W 230/50/1) requires a 20 amp circuit (4.00 mm² wire)



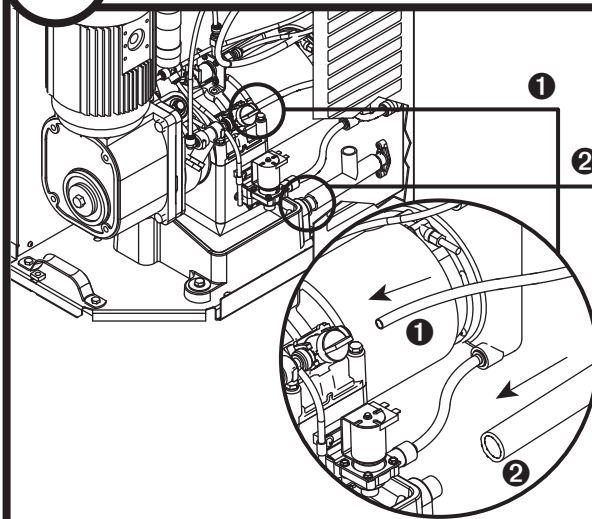
Air-cooled icemakers – follow steps 7.1 through 7.4.

7.1 Ice transport tube



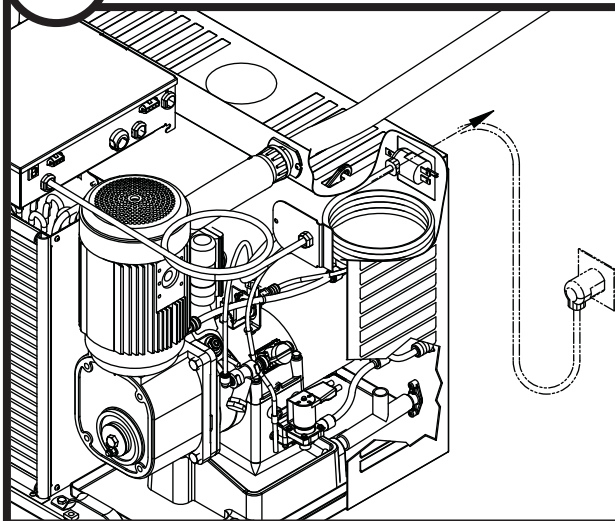
- Slide icemaker into louvered docking assembly ①
- Insert ice transport tube all the way into coupling and tighten nut firmly ②

7.2 Potable water and drain lines



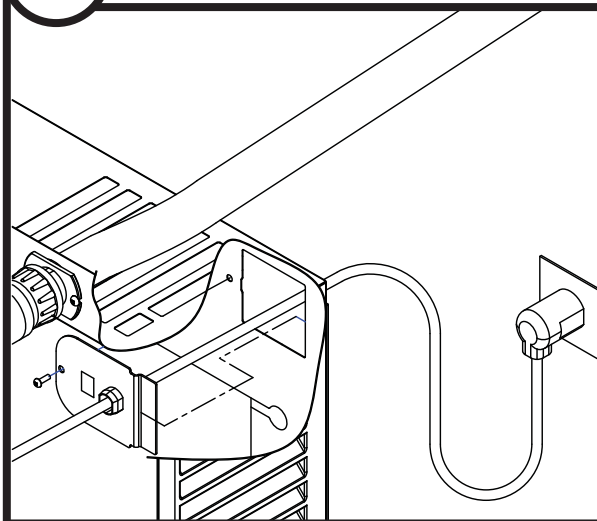
- Insert potable water line into valve ①
- Push drain line over hose barb on back of evaporator mount ②

7.3 Power cord



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

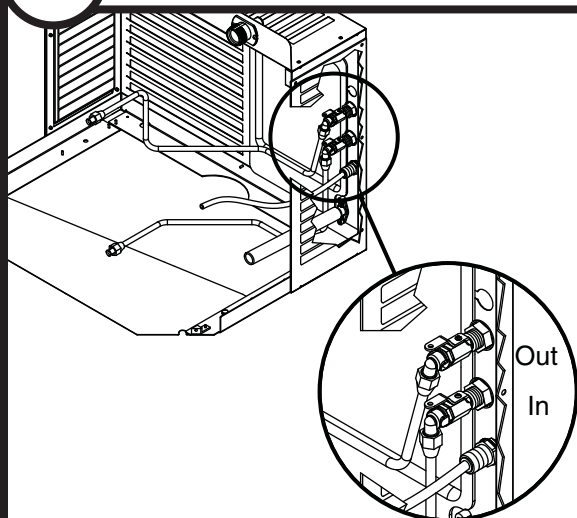
7.4 Power cord



- Position plate into opening and secure with supplied screw

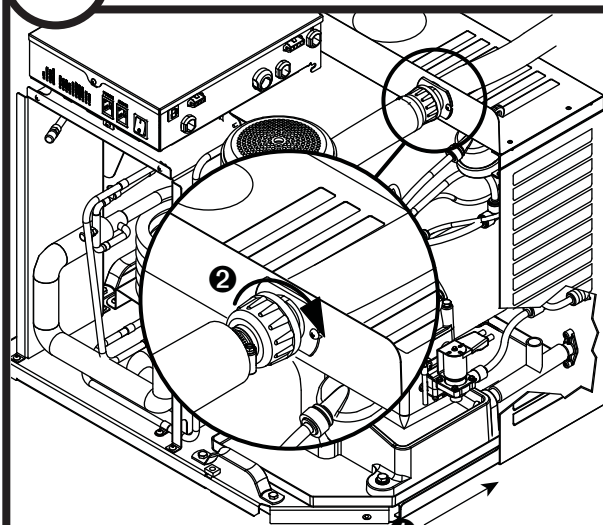
Water-cooled icemakers – follow steps 7.5 through 7.10.

7.5 Cooling lines



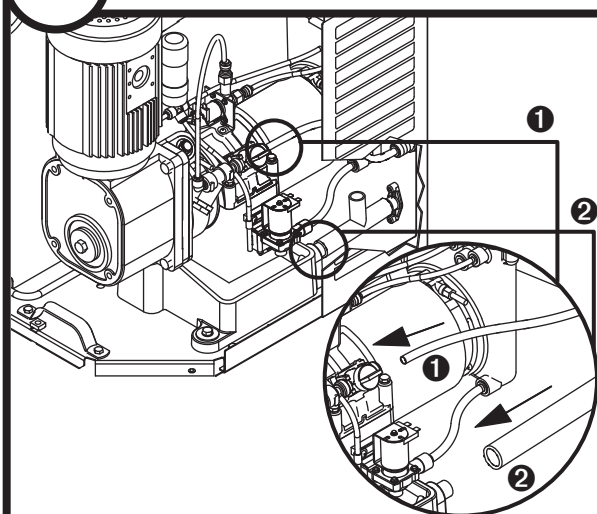
- Install icemaker cooling water lines to louvered docking assembly

7.6 Ice transport tube



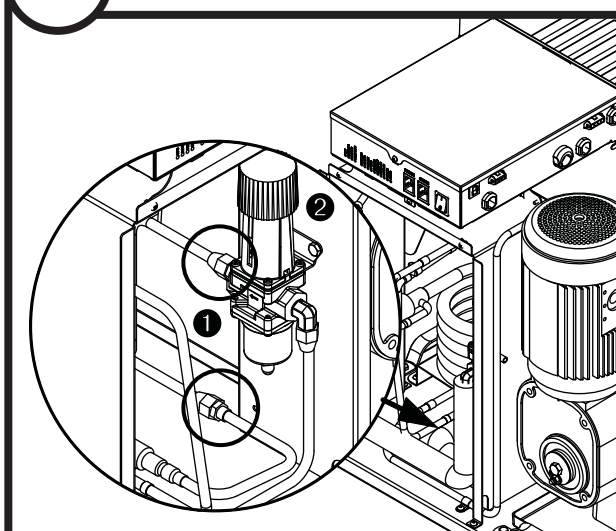
- Slide icemaker into louvered docking assembly ①
- Insert ice transport tube into coupling and tighten nut firmly ②

7.7 Potable water and drain lines

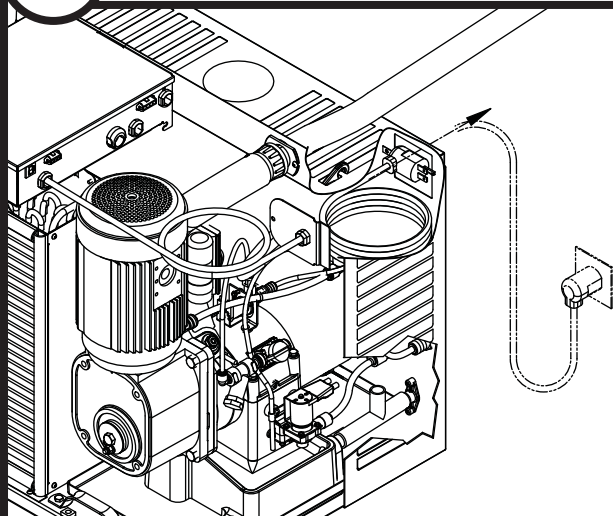


- Insert potable water line into valve ①
- Push drain line over hose barb on back of evaporator mount ②

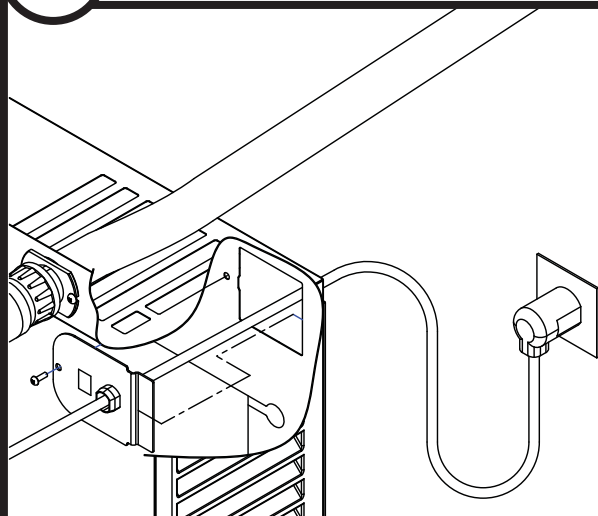
7.8 Cooling lines and power



- Connect cooling water lines to icemaker ①
- Water valve is set at the factory. **DO NOT** remove seal or adjust water valve ②

7.9**Power cord**

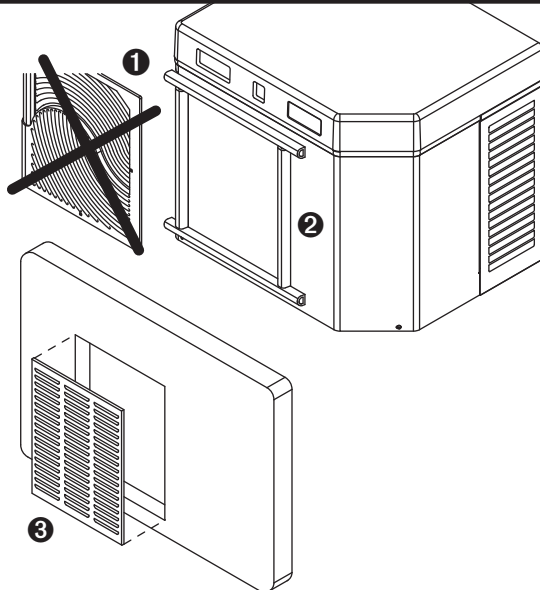
- Remove twist tie
- Carefully pass plug thru opening and plug into wall outlet

7.10**Power cord**

- Position plate into opening and secure with supplied screw



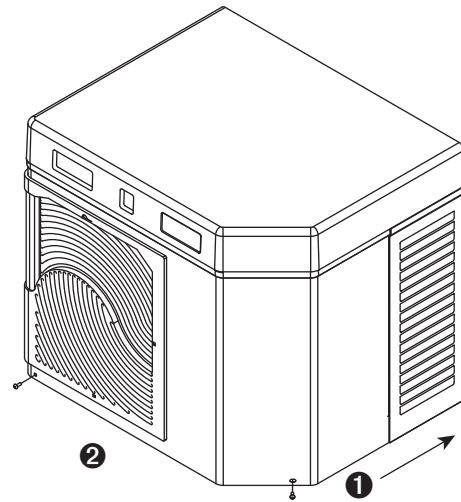
Front cover installation – undercounter



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

Normal front cover installation



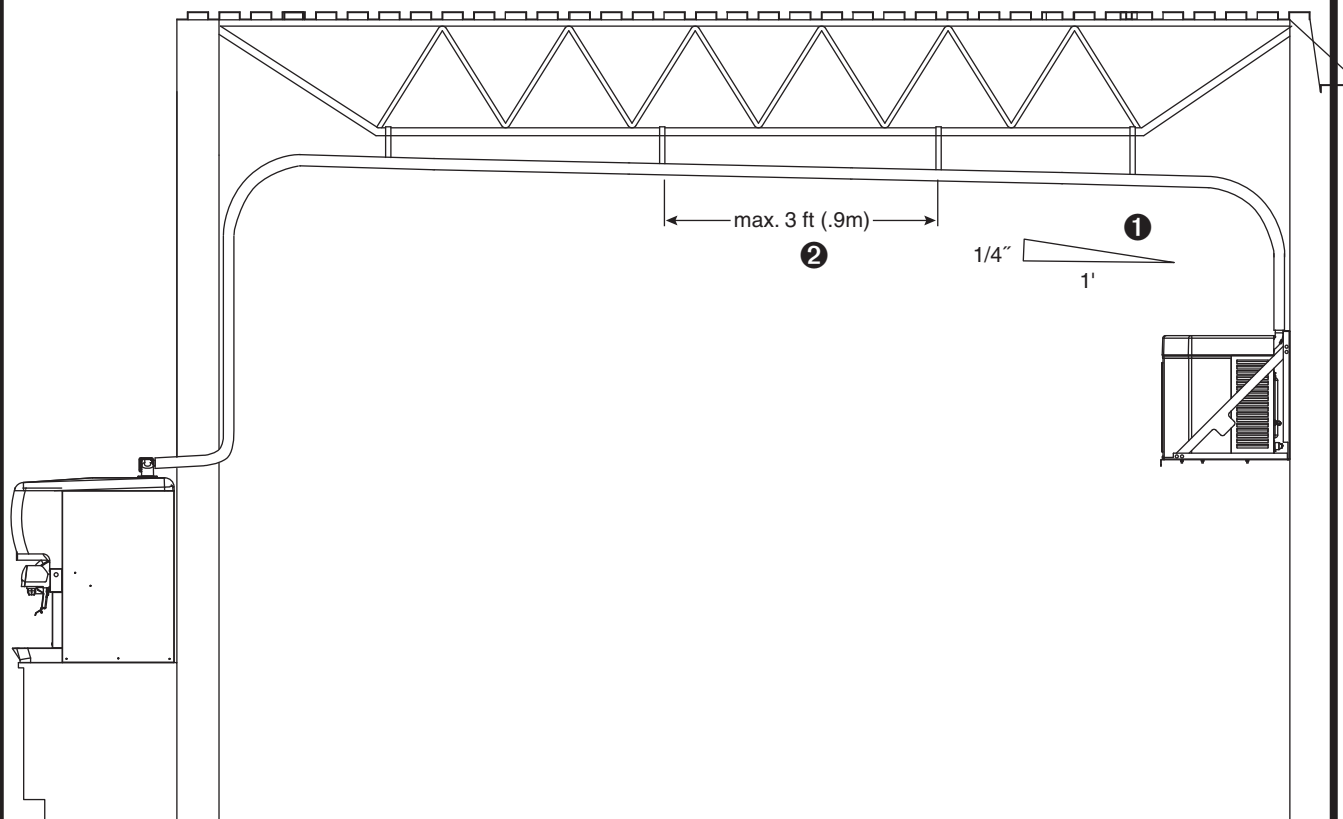
- Slide icemaker cover over machine ensuring that tabs on back of cover slip under louvers on back of louvered docking assembly ①
- Insert and tighten two screws through cover and into louvered docking assembly ②

NOTICE

Icemaker MUST be sanitized prior to operation!

Consult Operation and Service Manual provided with icemaker for sanitizing instructions.

Long tube run recommendations



- Pitch ice transport tube to allow melt water to drain towards icemaker ①
- Secure insulated ice transport tube at least every 3 ft (.9m) to prevent dips or traps ②