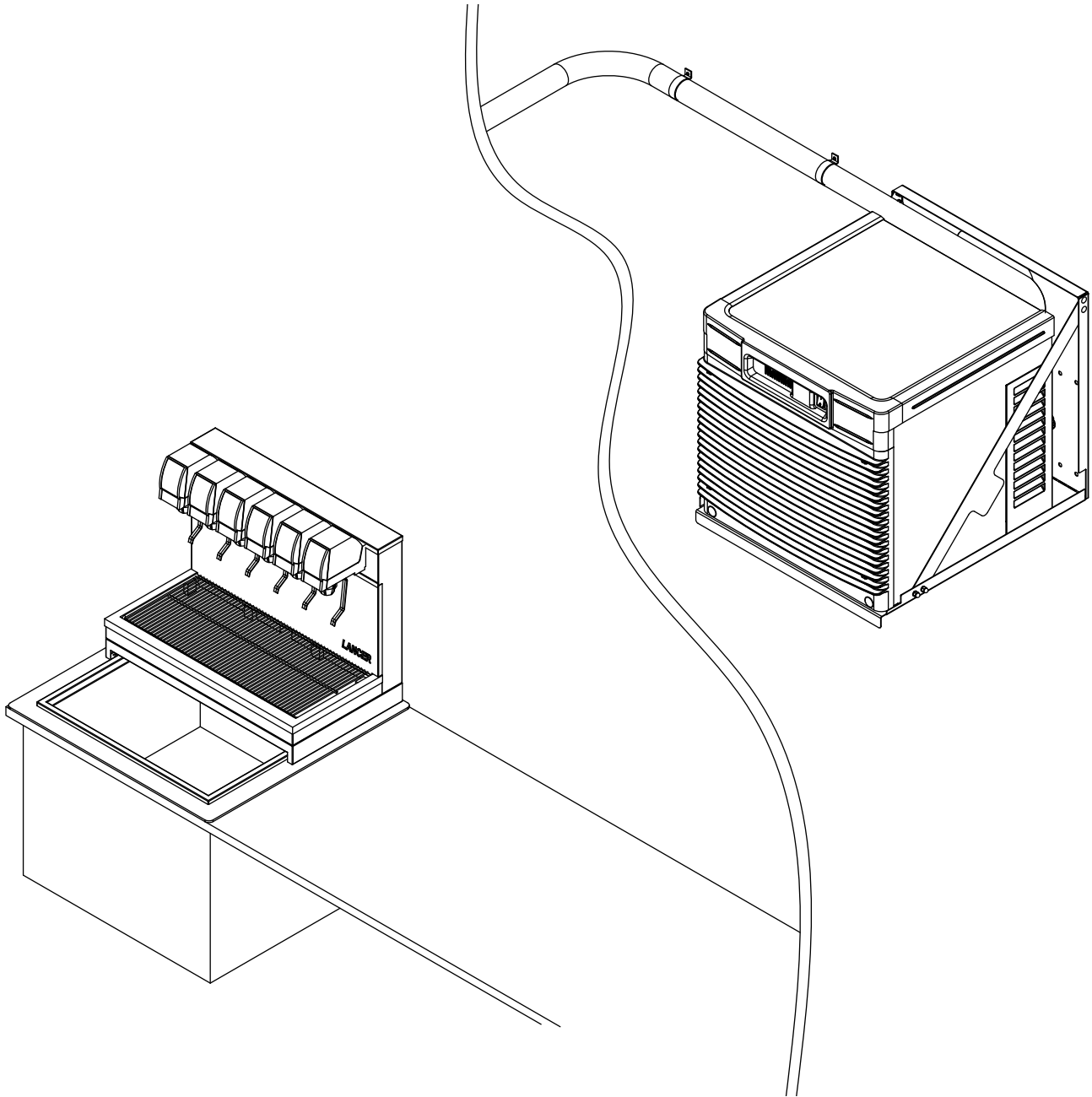
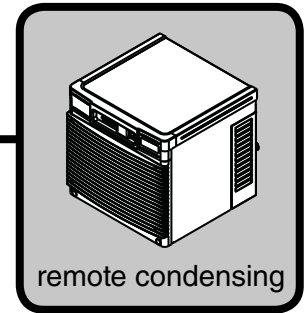


Horizon™ Ice Machine Models with RIDE® Technology Installation Instructions for Drop-Ins

HCD/HMD700RJS
HCD/HMD700NJS

(See model number configurator on page 2 for details.)

Order parts online
www.follettice.com




Chewblet® Ice Machine Model Number Configurations

HC
C
700
A
V
S


Machine	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>	700 up to 750 lbs (340kg)	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>	1000 up to 1036 lbs (471kg)	R Air-cooled, remote condensing unit	B Ice storage bin	T Top-mount
	F 115/60/1 (icemaking head) <i>Remote only. High side is 208-230/60/3.</i>	1400 up to 1450 lbs (658kg)	N Air-cooled, no condensing unit for connection to parallel rack system	J Drop-in	
		1650 up to 1580 lbs (717kg)		M Ice Manager™ diverter valve system	

Read and complete the following 8 installation steps


1 **Unpack**



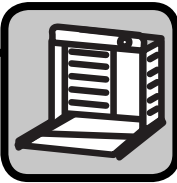
2 **Site preparation**




3 **Dispenser preparation**




4 **Louvered docking assembly**



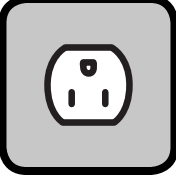
5 **Ice transport tube**



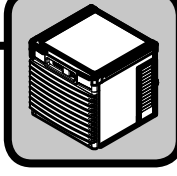
6 **External connection**



7 **Internal connection**



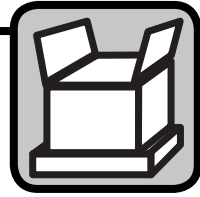
8 **Front cover**



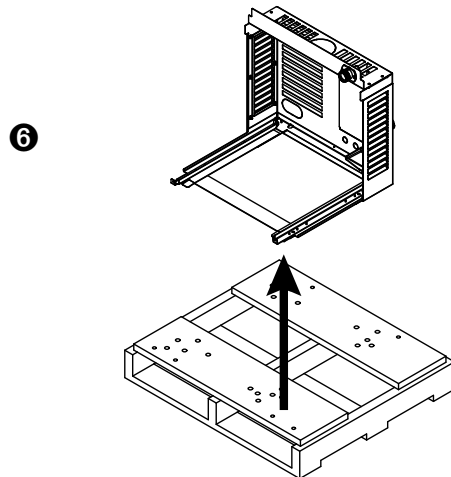
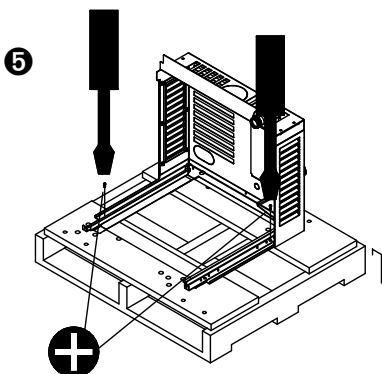
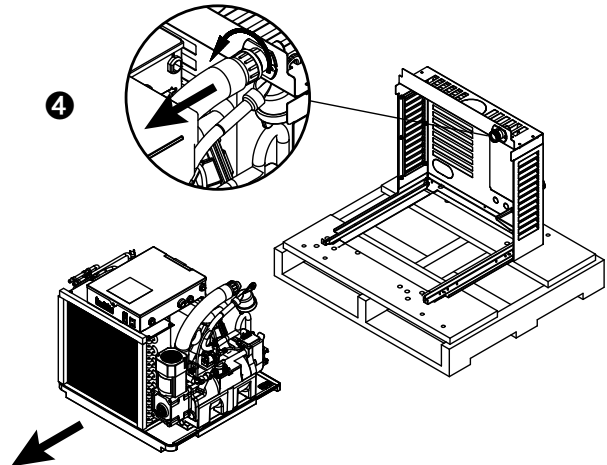
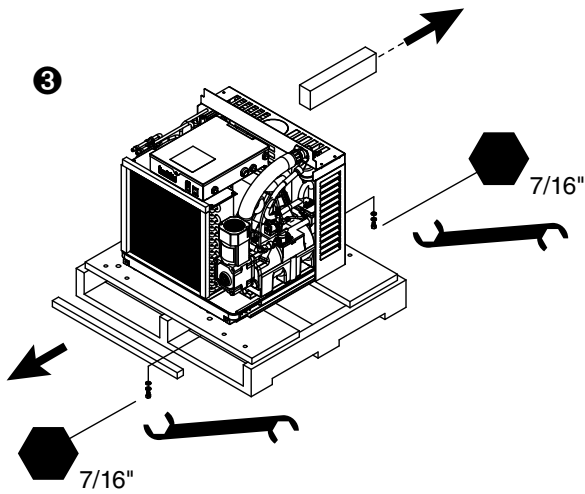
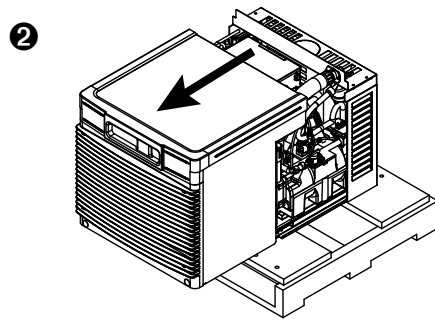
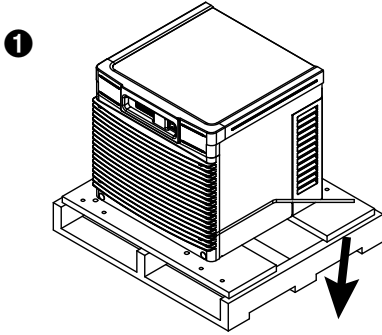
Carefully unpack and inspect the contents of your Follett ice machine.

Unpack

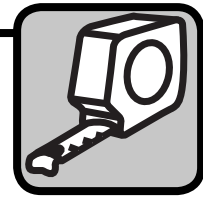
1



1.1 Unpack ice machine

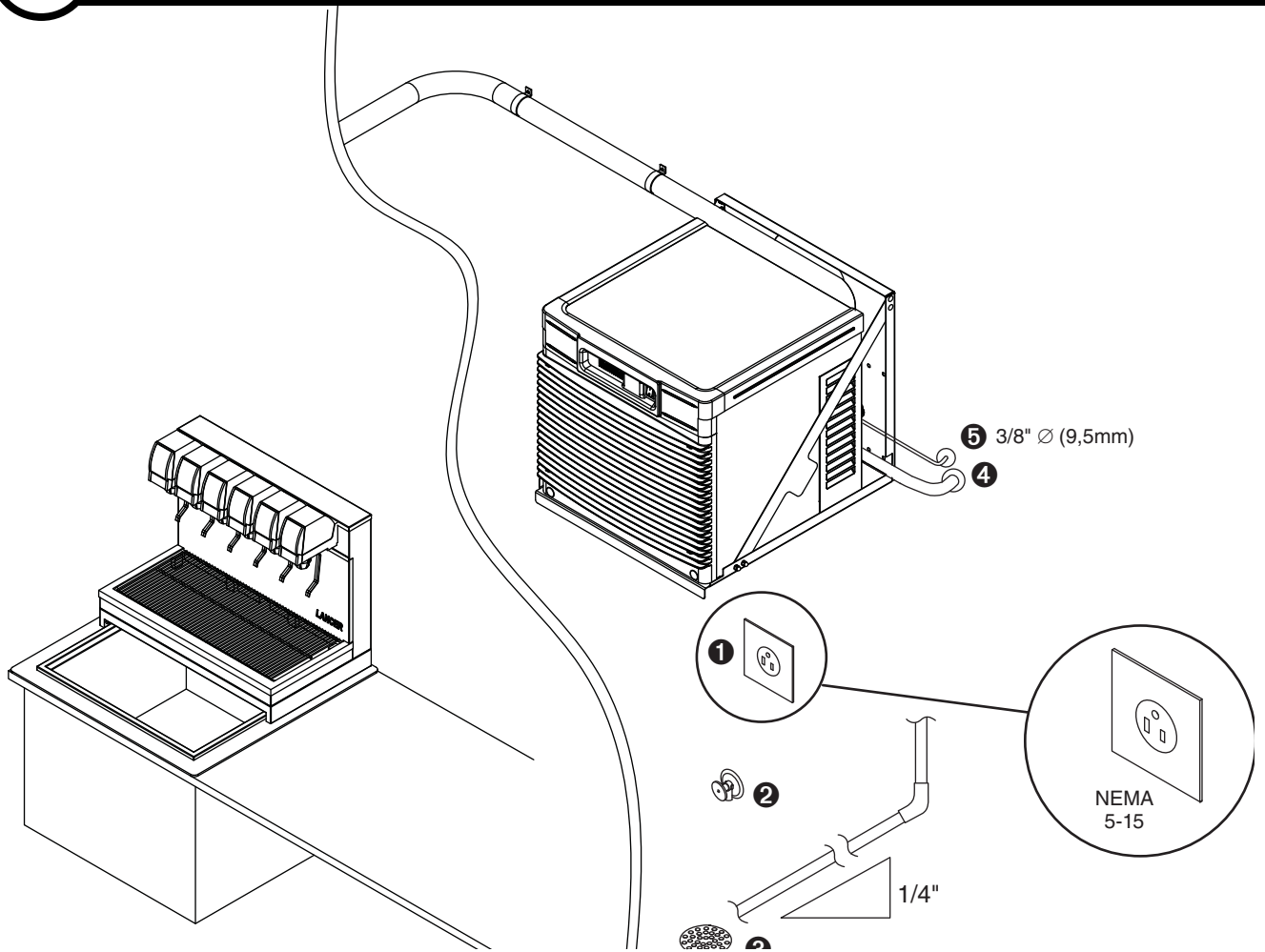


Prepare the installation site.



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

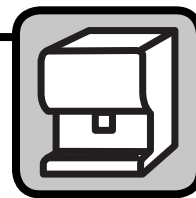
- 10-70 psi (69-483kpa)
- 45-90 F (7-32 C)
- Water supply must be treated by a scale-inhibiting filter (item# 00130286)

Drain ③

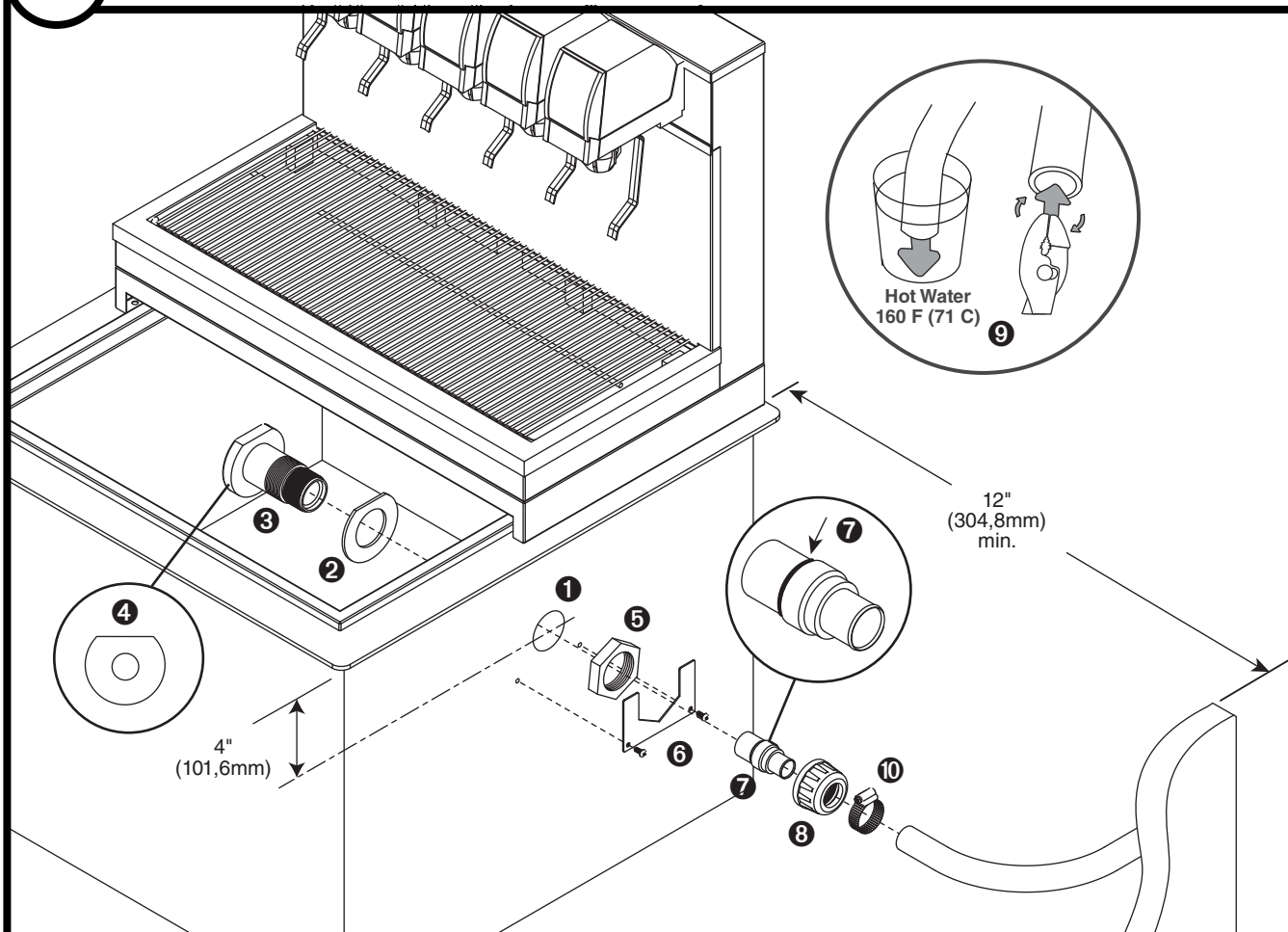
- The drain line from the ice machine must be vented and have at least 1/4" per foot pitch (6,4mm/0,3m)

Refrigeration lines ④

- 5/8" (15,8mm) diameter suction (insulated) ④
- 3/8" (9,5mm) liquid ⑤

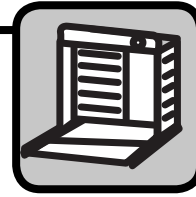


3.1 Dispenser preparation

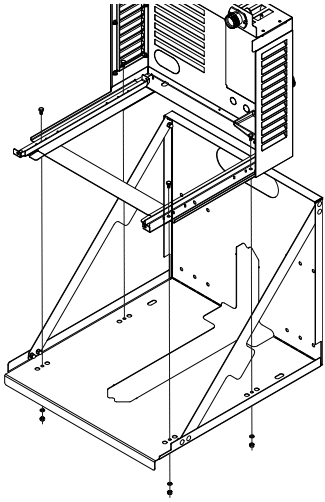


- Determine best route for ice transport tube run. **Note:** 12" (304,8mm) clearance is required.
- Drill 1 3/4" (44,5mm) hole through either side of dispenser ❶
- Install gasket ❷ onto bulkhead fitting ❸
- Attach bulkhead fitting with flat up ❹ and tighten bulkhead nut ❺
- Position and secure nut locking plate ❻ with supplied screws
- Verify installation of O-ring on stainless steel ice transport tube coupling ❼
- Insert stainless steel ice transport tube coupling ❼ into bulkhead fitting and secure with coupling cap ❽
- Heat end of transport tube in cup of 160 F (71 C) hot water to soften and spread with pliers ❾
- Attach ice transport tube to coupling with supplied hose clamp ❿

Install the louvered docking assembly.

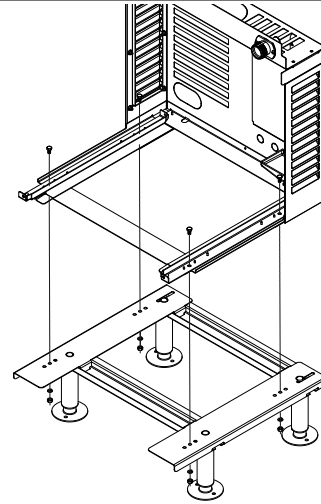


Wall bracket accessory



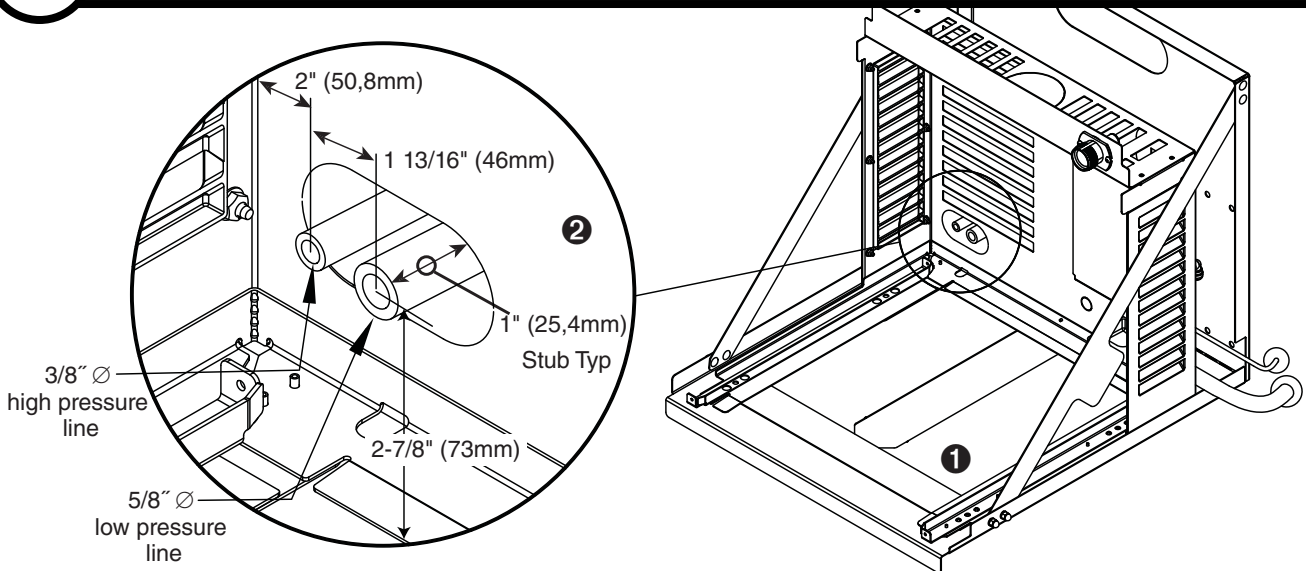
- Mount louvered docking assembly to wall bracket accessory

Machine stand accessory



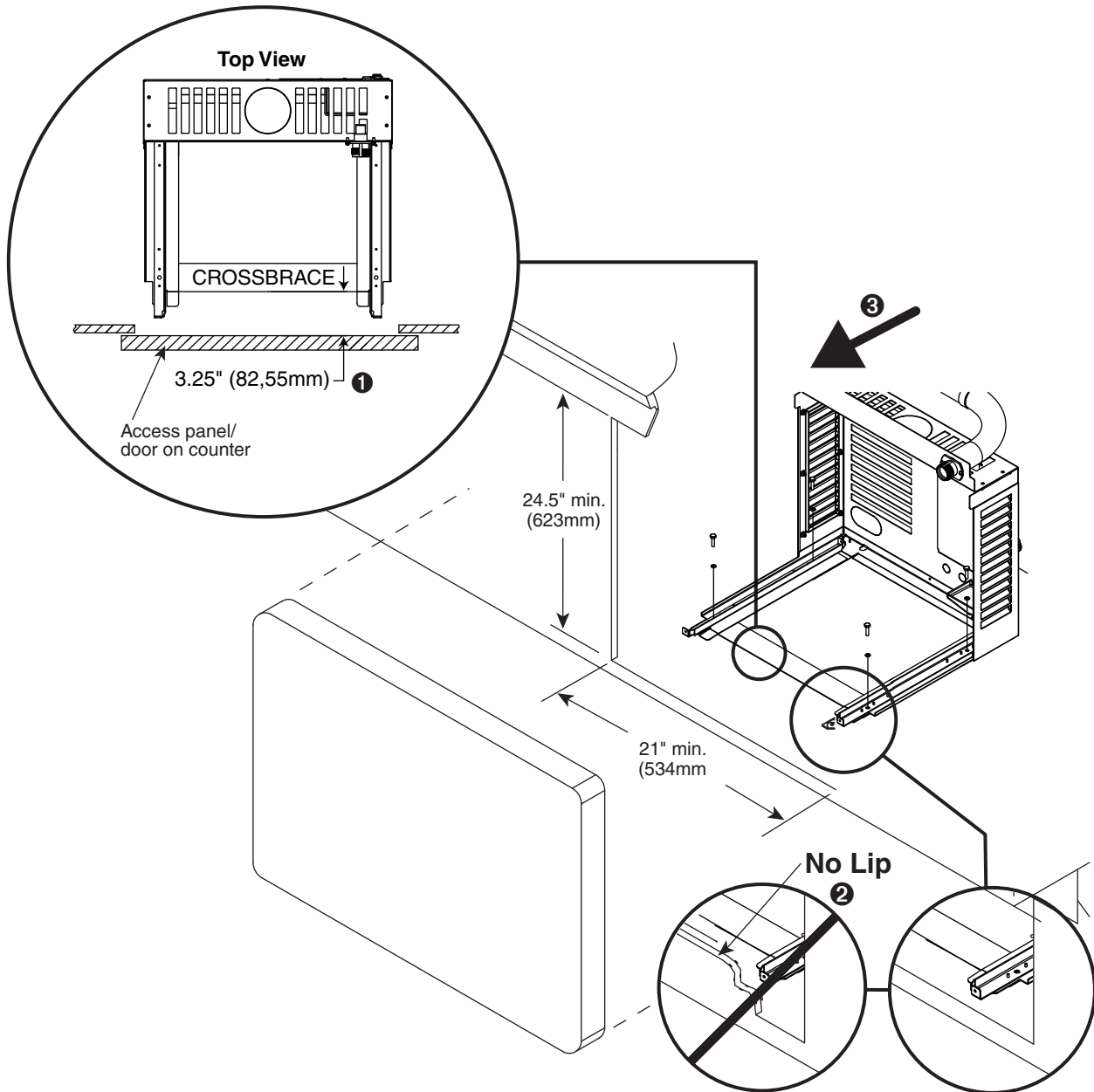
- Mount louvered docking assembly to machine stand accessory

4.1 Louvered docking assembly



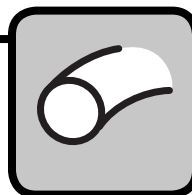
- Mount louvered docking assembly 1
- "Rough-in" the refrigerant piping 2

4.1 Undercounter installation requirements

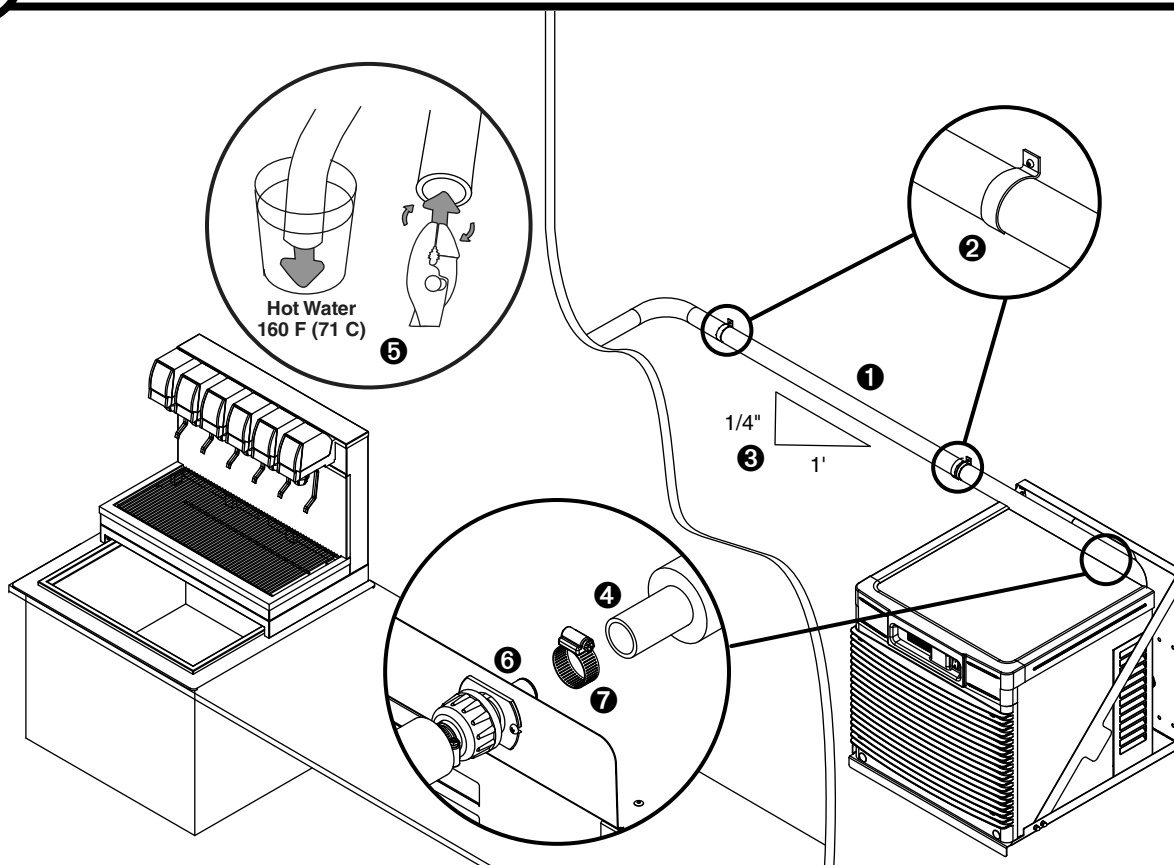


DOCKING STATION

- Position and screw louvered docking assembly to the bottom of counter inside of access panel/ door min. of 3.25" (82,55mm) from the front edge of the cross brace ①
- 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 ②
- Ice maker must be installed facing forward as shown for service accessibility ③



5.1 Ice transport tube installation.



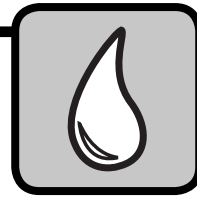
Ice transport tube tips

- 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

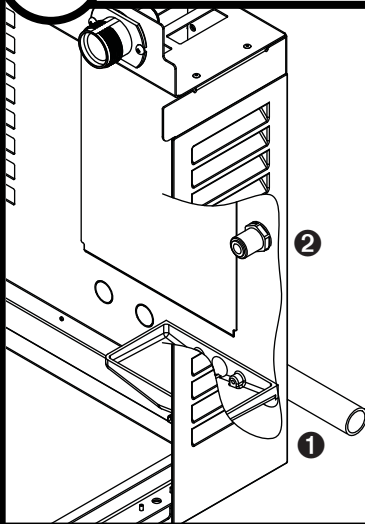
Ice transport tube to Ice machine

- 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

Connect utilities to louvered docking assembly.

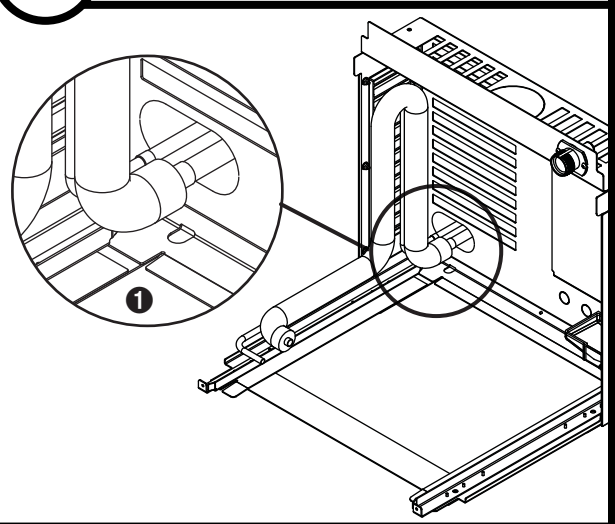


6.1 Water and drain



- 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

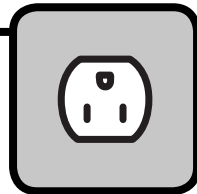
6.2 Refrigerant



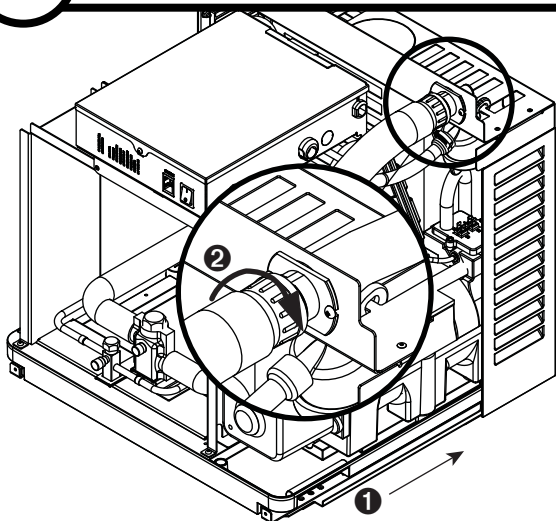
- Braze supplied expandable refrigerant lines in place ①

Connect louvered docking assembly to ice machine.

Internal connections **7**

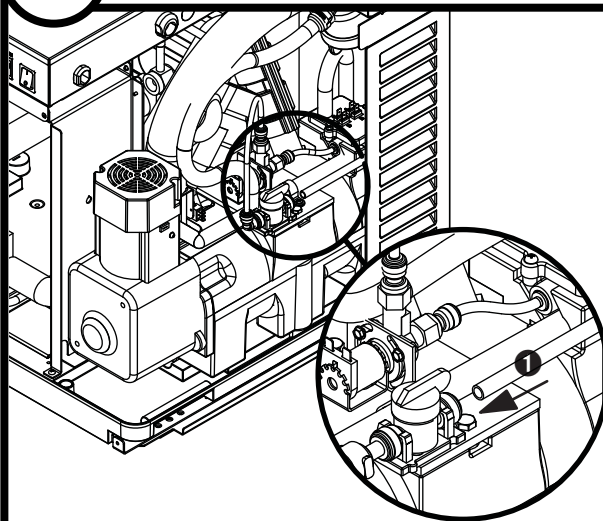


7.1 Ice transport tube installation



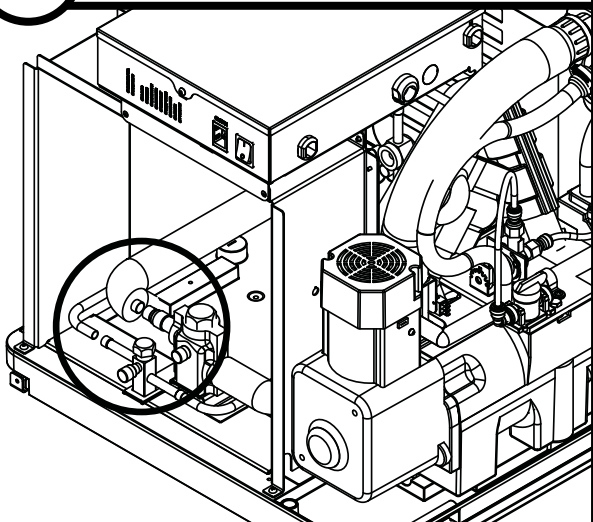
- Slide ice machine into louvered docking assembly **1**
- Insert ice transport tube all the way into coupling and tighten nut firmly **2**

7.2 Water and drain lines



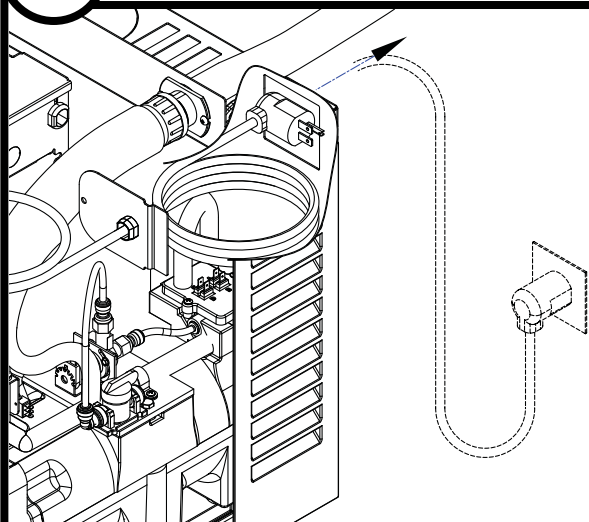
- Insert potable water line into valve **1**

7.3 Refrigeration lines



- Braze refrigerant lines

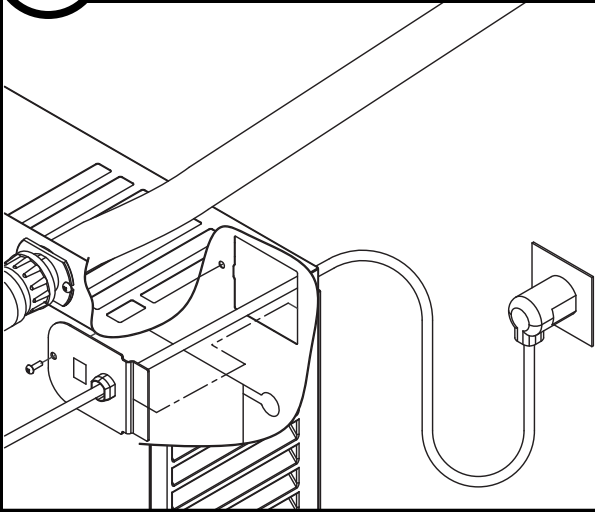
7.4 Power cord



- 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

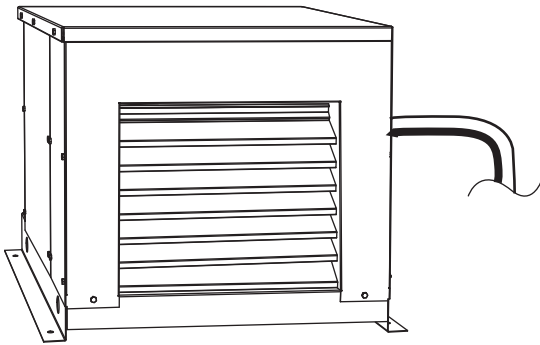
Install front cover to ice machine.

Front cover

8

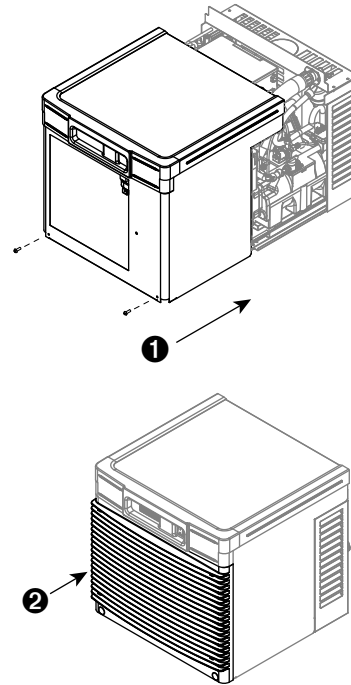


8.1 Install condensing unit



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

8.2 Install ice machine front cover

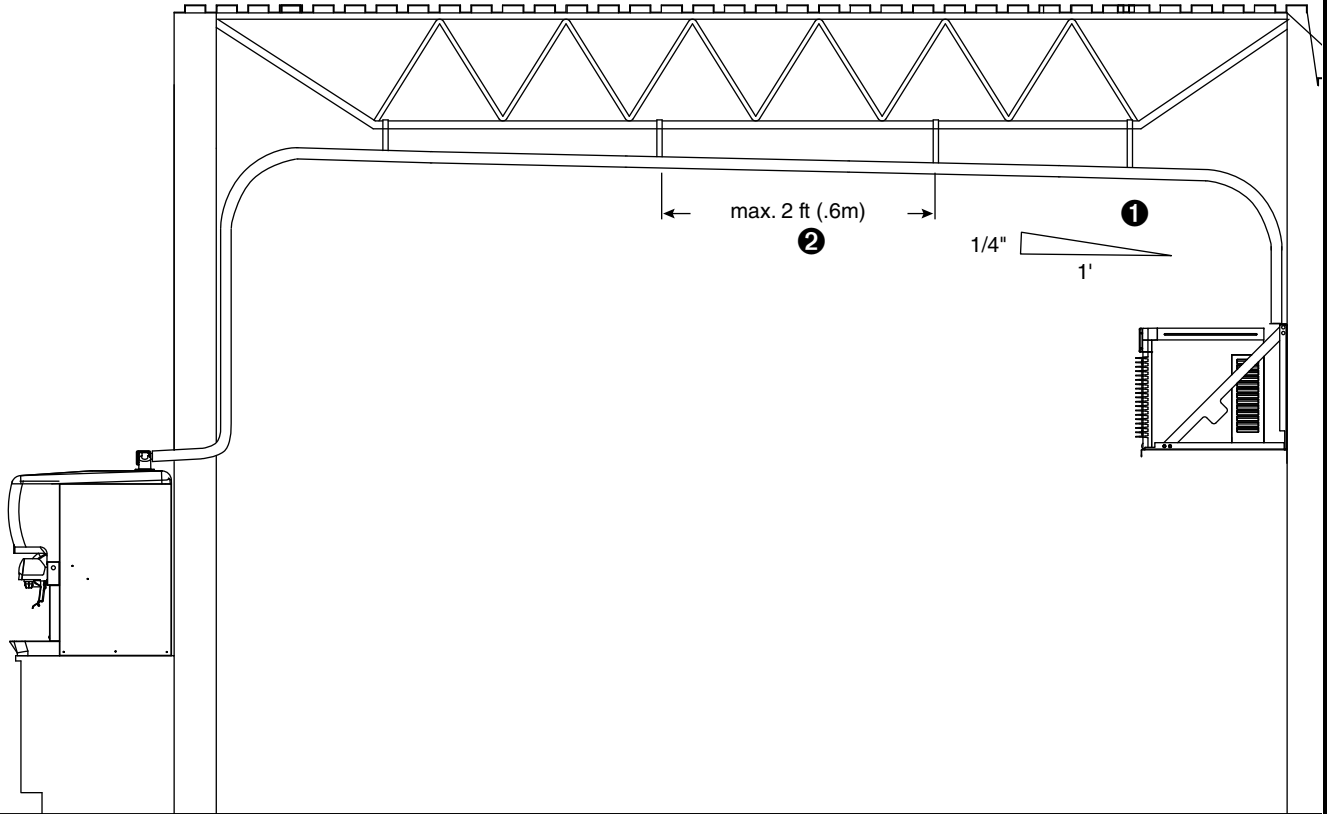


- Slide ice machine cover over machine, ensuring that tabs on back of cover slip under louvers on back of louvered docking assembly ①, then tighten two screws through cover
- Place louvered front cover on machine ②

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).

Horizon, Maestro, Harmony, Ice Manager, SafeCLEAN, Sani-Sponge and Vision are trademarks of Follett Corporation.
Follett, RIDE, and Chewblet are registered trademarks of Follett Corporation, registered in the US.



801 Church Lane • Easton, PA 18040, USA
Toll free (877) 612-5086 • +1 (610) 252-7301
www.follettice.com



01012707R01
© Follett Corporation 8/13