

TCIM Installation Reference



STOP! All work detailed in these instructions must be done by a qualified technician.



Subject: TCIM Installation Reference

Date: March 30, 2026

Models / Parts Affected: TCIM

Voltages: All Voltages

Overview

See this installation reference sheet to ensure a correct TCIM installation.

Install Checklist

- ☐ Is the ice machine located where the ambient temperature is within 35°-110°F (1.7° - 43.3°C) and the water temperature within 35°-100°F (1.7°-37.8°C) all year around?
- ☐ Does the ice machine have the proper clearance for air circulation and service? See "Ice Machine Location Requirements" in the install manual.
- ☐ **On 822 units only:** If present, are the air filter and blank cover installed on the correct side to meet clearance requirements?
- ☐ Is the ice machine level?
- ☐ Is the TRUE CONNECT® modem correctly installed? See "TRUECONNECT Modem & Antenna Verification (Optional Accessory)" in the install manual.
- ☐ Is the TRUE TIME-OF-FLIGHT® sensor enabled? See "Enable TRUE TIME-OF-FLIGHT (TOF) Sensor" in the install manual.
- ☐ Are the mounting straps installed on the ice machine and the ice storage bin/dispenser/adapter?
- ☐ Have all shipping materials been removed from the ice machine's **exterior** and **interior**? See "Uncrating" and "Panel Removal" in the install manual.
- ☐ Is the ice machine on an individual dedicated electrical circuit?
- ☐ Has the power supply voltage been checked or tested against the nameplate rating?
- ☐ Has a proper ground been installed to the ice machine?
- ☐ Have all electrical and water connections been made?
- ☐ Do electrical and water connections meet applicable laws, codes, and regulations?
- ☐ Is the water supply pressure between 20-100 psig (138-689 kPa)?
- ☐ Has the water filter been installed and the ice machine been set for the correct water filter capacity? See "Water Filter Installation & Setup" in the install manual.
- ☐ Are the water supply and drain lines sized as specified? See "Plumbing Connection Requirements" in the install manual.
- ☐ Are the shut-off valve(s) installed? Is the drain line vented? See "Plumbing Connection Requirements" in the install manual.
- ☐ Is the compressor snug on all mounting pads?
- ☐ Have the refrigerant lines been checked to ensure they do not rub or touch other lines or surfaces?
- ☐ Has the fan blade (if applicable) been checked to ensure it turns freely?
- ☐ Has the ice machine and bin/dispenser been sanitized per the manufacturer's instructions? See "Descaling & Sanitizing Procedures" in the install manual.
- ☐ Have the date/time/language been set? See "Change the Language", "Change the Date Format & Date", and "Change the Time Format & Time" in the install manual.
- ☐ Has the end user been given the instruction manual, as well as instructed on how to operate the ice machine and the importance of the recommended periodic maintenance?
- ☐ Has the end user been given the contact information for an authorized service agent?

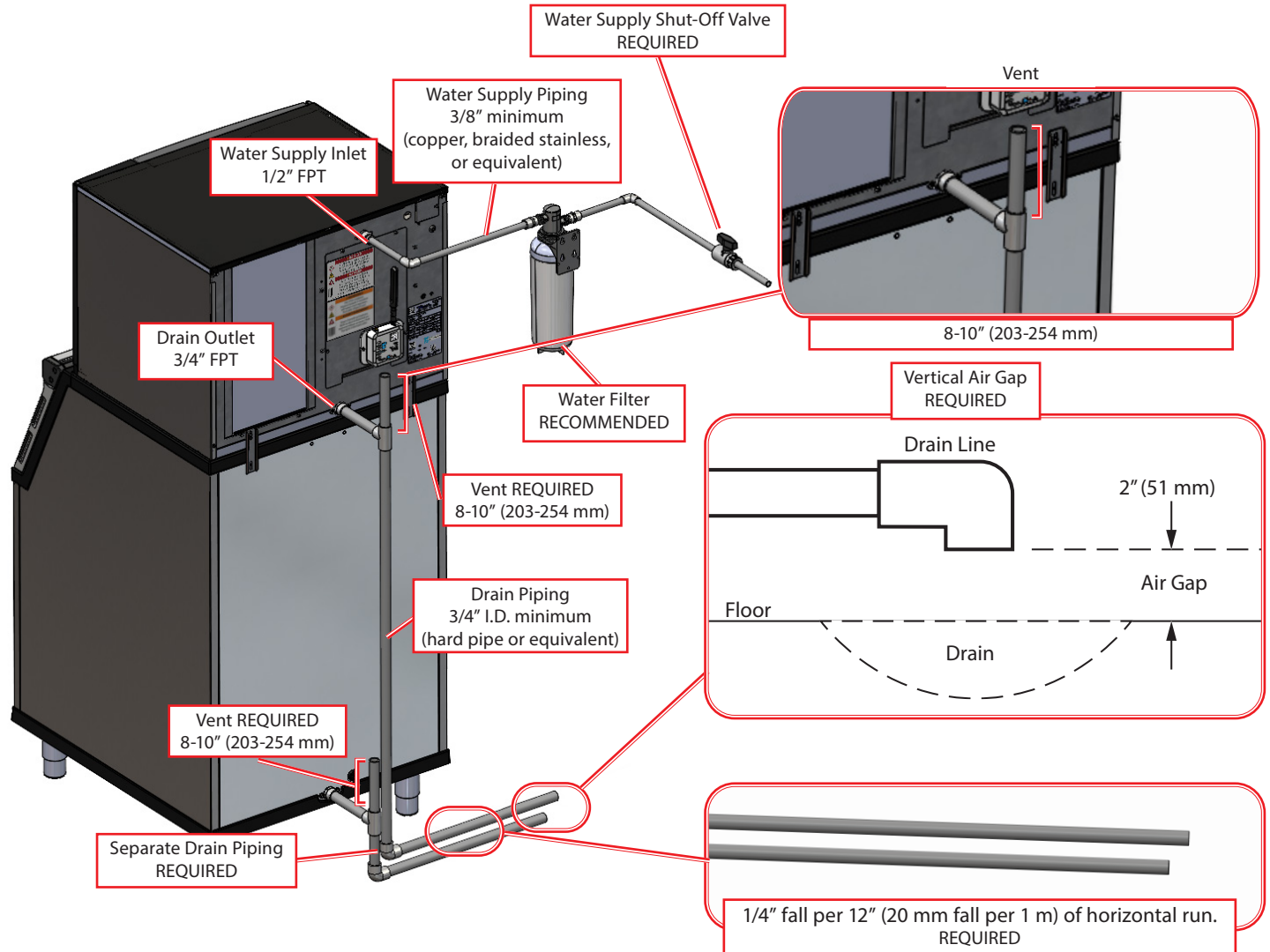
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Plumbing Requirements

Plumbing Requirements						
Water Supply Inlet	Minimum Water Supply Line Size & Material	Water Supply Pressure	Incoming Water Temperature	Ambient Temperature	Drain Outlet	Minimum Drain Line Size & Material
1/2" Female Pipe Thread (FPT)	3/8" minimum (copper, braided stainless, or equivalent)	20-100 PSI (138-689 kPa)	35-100°F (1.7-37.8°C)	35-110°F (1.7-43.3°C)	3/4" FPT	3/4" I.D. minimum (hard pipe or equivalent)

Other Requirements

- **Only** connect to a potable water supply.
- Water supply line **must** have an accessible shut-off valve
- All drain lines **must** be vented
- All drain lines **must** have a 2" (50.8 mm) air gap between the end of the drain line and the drain.
- Be sure there is **sufficient extra** water supply line and drain line for the appliance to be pulled out for service.
- Water filter is recommended.
- **Separate** piping for the drains.
- 1/4" fall per 12" (20 mm fall per 1 m) of horizontal run.





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Technical Questions or Concerns

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