

Pepsi Equipment Pre-Install Requirements



This document provides an overview of all facility requirements that will enable installation of Pepsi fountain and cooler equipment. Please read carefully and share with your contractor to ensure that your site is ready for a seamless equipment install.



Timeline

Pepsi Team will be notified of new outlet or relocation opening

- Customer must complete New Account Setup Forms
- Equipment is not ordered until all paperwork has been submitted and verified by the Pepsi team
- Please provide **at least 90 days lead-time** for installation of beverage cooler and fountain dispenser
- As construction progresses, please confirm install readiness date at least 30 days in advance
- Once the installation date has been confirmed, please ensure that the site is accessible at the designated start time.
 - ❖ Last minute changes to the installation date could cause delays in the installation of the beverage equipment.
- Water, CO2 and BIB's must be on site to complete the fountain dispenser installation
- The installation will take 2 technicians approximately 6-8 hours but will vary based on store design, number of dispensers and length of the beverage tubing run.
- Icemaker installation should be handled by the manufacturer's authorized service company and scheduled directly with them. Pepsi will provide a filtered water line with a shut-off for the ice maker and leave at the beverage counter area. The final connection to the ice maker is the responsibility of the icemaker installer.
- If the bundle tubing is not able to be run inside the walls and a chase is required outside of the wall to cover the lines, the restaurant is responsible for purchasing and installing a chase to cover the lines.

Pepsi Equipment Pre-Install Requirements: Water System



Water Supply

Pepsi will run soft flex tubing to connect to your restaurant water supply, which requires a specific fitting.

- Water supply to Pepsi equipment must be made of copper piping ½" O.D. terminated on a ½" female threaded brass shut-off or ball valve.
- Water supply installed in the backroom within 3' of the Bag-in-Box rack or below the beverage counter.
- Compression style shutoff valves are not recommended.
- Minimum pressure 40 psi
- Maximum pressure 75 psi



Backflow Preventer/RPZ

A Backflow Preventer is required by your local Building & Safety Department to avoid contaminating upstream water supply with carbonated water from the fountain system. Consult building code ASSE 1022 for full details.

- Certain municipalities require a specific testable backflow preventer dedicated to the fountain system known as an "RPZ". Code can vary significantly from one municipality to another.
- These assemblies must be installed by a licensed plumber. Ensure that your plumber is familiar with local code requirements.



Water Filter System

Pepsi will provide the Subway approved water filter system, 3M SW260-PLUS, for all new restaurants.

- Ensure that there is ample space in the back room near the water supply input and Bag-in-Box rack.
- 3" minimum clearance below the cartridge is required for filter replacement



22 3/8" W
15 15/16" H

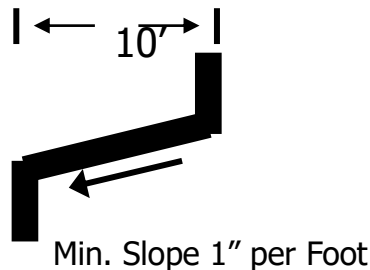
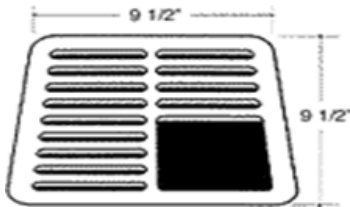
Pepsi Equipment Pre-Install Requirements: Drains & Counter



Floor Drain

A square recessed Floor Sink must be located below or near the dispensing unit no more than 10 ft. away.

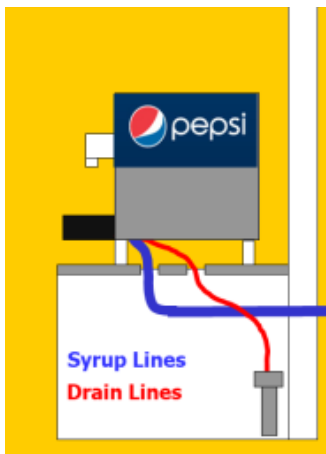
- Drain lines cannot be run across floors or walkways and extending them beyond 10ft. will cause excessive drainage problems
- Vent pipes, P-Traps, and floor drains are not acceptable
- Ensure there is a minimum slope of 1" per foot of drain
- 2" Air gap required between drain and floor sink
- Duke Counters with built in drain trough must be plumbed to the floor sink with insulated drain tubing



Beverage Counter

Beverage Counters must be stable, level and capable of supporting 1,000 pounds for a dispensing unit with top-mounted icemaker. Dispensers should be placed away from sources of heat and humidity; if the equipment is built into a confined space, additional ventilation is required.

- Minimum counter depth 30"
- Access holes must be provided in the counter to allow passthrough of syrup lines (4" diameter) and drain lines (2.5" diameter)
- Space underneath for Intellicarb pump



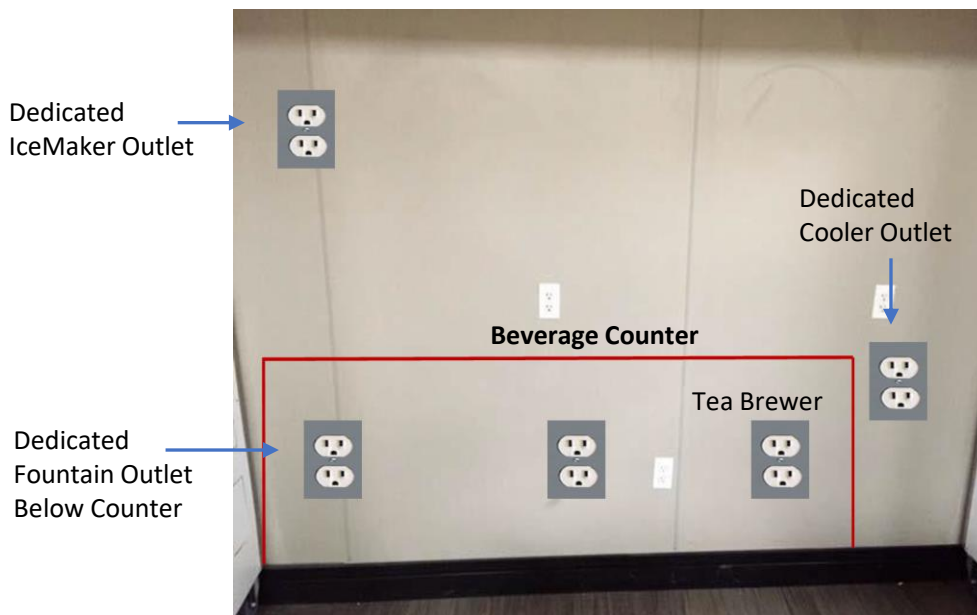
Pepsi Equipment Pre-Install Requirements: Electrical



At Beverage Counter

A standard 110VAC-15 amp dual outlet on a dedicated breaker must be provided within 6' of the beverage dispensing unit, below the countertop.

- Some Pepsi dispensers will require 2 plugs for operation, a connection from the main dispenser and a 2nd connection from the pump motor located under the counter
- Ice makers must be on a separate circuit
- Extension cords or power strips are not acceptable

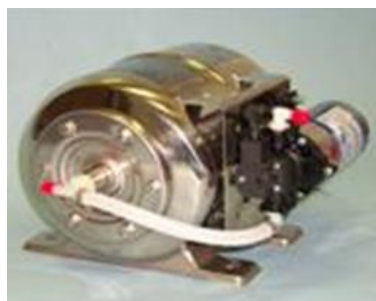


12" x12" space
under the
counter required
for pump motor



In Back Room

- A water booster will be installed with your filter system in new restaurants, in the back room near the water supply point and Bag-in-Box rack. The water booster requires a standard 110VAC-15amp electrical outlet within 6 feet of the syrup rack.



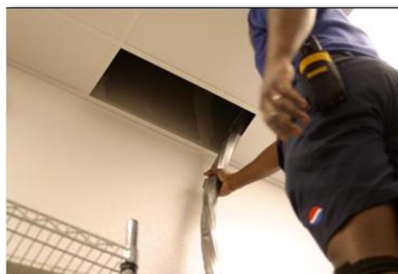
Pepsi Equipment Pre-Install Requirements: Bag-in-Box System



Backroom Area/Bundled Tubing

Space must be provided to accommodate a Bag-in-Box rack measuring **76-3/4"H x 38"W x 18"D** adjacent to an access point to run bundled tubing overhead, through a conduit, or through the wall.

- If bundled tubing will run through a conduit, the conduit must be a minimum of 6" in diameter and a type approved by local fire codes. Where bends or turns are necessary, an 18" to 24" radius is required (sweeping 90 degree bend).
- Conduits may run under floors, but overhead installation is preferred to prevent possible contamination from underground sources.
- Underground conduits should terminate 3" above the floor to avoid contamination from cleaning solutions.
- If the line run is overhead and down thru a wall with no conduit, the interior of the wall and ceiling must be clear with no cross-braces or fire blocks from the fountain dispenser to the BIB rack.
- Where bundled tubing can not be concealed within the wall or under the dispenser, a cosmetic covering or conduit may be installed by the contractor to hide the lines.



Pepsi Equipment Pre-Install Requirements: CO2



CO2

Pepsi does not provide CO2 to the Subway system. Arrangements must be made with a local or national supplier to support your restaurant needs.

- Typical CO2 tanks are 7 to 10 inches in diameter
- A minimum of two tanks are required if not using bulk CO2
- CO2 tanks should be stored upright and chained to the wall or Bag-in-Box rack for safety.



SAFETY

In use and stored CO2 Cylinders should always be properly restrained. Cylinders should be placed in well ventilated areas and not exposed to high heat environments.



- Typical bulk CO2 tanks are 16 to 24 inches in diameter and require a connection to fill and vent access on an outside wall
- CO2 company will run tubing from bulk tank to BIB area.
- CO2 storage areas must be open and well ventilated.



Water Filtration/Water Booster

- Ensure that there is ample space in the back room near the water supply input and Bag-in-Box rack.
- The water filtration system will be plumbed to the incoming water supply with flexible tubing.
- A water booster may be installed in the back room to support water pressure for non-carb valves. The booster may be installed above the rack on a shelf or near the water filter system.
- The water booster will require a standard 115 volt, 15 amp grounded duplex outlet



Pepsi Equipment Pre-Install Requirements: Beverage Coolers



Electrical

A dedicated 115 volt, 15 amp grounded duplex outlet (NEMA 5- 15R) must be located within 6 feet of the bottle beverage cooler.

- Extension cords are not permitted, they pose a fire risk.

Ventilation

- Cooler location should provide adequate ventilation, allowing 2 inches of clearance for the top, side and rear of unit.

Space

- Single Door Cooler Dimensions – 31" W x 31" D x 79" H
- Double Door Cooler Dimensions – 53" W x 31" D x 79" H
- Counter-Top Cooler Dimensions – 22" W x 25" D x 38" H

