BEVI 1.5 CT from Culligan Quench Pre-Installation Checklist

Thank you for being a Culligan Quench customer! We are excited for your workplace to experience the great-tasting sparkling water from your new Bevi 1.5 CT from Culligan Quench. Before our certified technician can install your machine, the following pre-installation requirements must be completed.

WaterSupply

- 3/8" potable water supply line terminating in 3/8" ball valve with 3/8" female pipe thread to connect to (ball valve must be accessible for service and installation)
- Minimum water supply pressure 40 PSI, 1.3 gallon per minute minimum flowrate
    - Must be a dedicated 3/8" water supply line with no other connections
    - Any water line or valve less than 3/8" is not acceptable

If you have any questions about the installation, call Customer Care at 888-554-2782



Electrical

- Dedicated 120 VAC/60Hz/15 amp (standard 3-prong) GFCI-protected circuit
- Electrical connections within 2' of machine location; **NO EXTENSION CORDS**

Placement

- 1-1/4" diameter hole directly above the chiller to allow routing of beverage tubing lines; please see attached template for hole placement.
- Requires at least 5" of clearance on the back and 1" of clearance on either side of the machine for proper ventilation.
- Shelves or cabinets must be 20" from the top of the countertop for adequate space for the machine

Ventilation

- Confirm expected room temperature where system will be located will not exceed 80°F.
- Base cabinet must have a clean and level floor with a 2" deep toe kick overhang for drilling ventilation.
    - If a 2" deep toe kick is not available, please see page 6 for alternative ventilation options.
- Single Cabinet installation is recommended; Cabinet dimensions should be no smaller than 18" w x 22" d x 28" h
    - If proposing double cabinet installation with side-by-side cabinets, additional connecting holes may be required. Please see Recommended Cutouts for Ventilation and Tubing section for conceptual illustration.
- Culligan Quench technicians are only permitted to drill up to 2" diameter holes through laminate or Corian counters. Any other surface or hole size must be pre-drilled prior to install.

CO_2 Supply

- CO_2 cylinder is on-site
    - Only 5 lb., 10 lb. and 20 lb. CO_2 cylinders are permitted
    - Minimum CO_2 pressure is 80 PSI

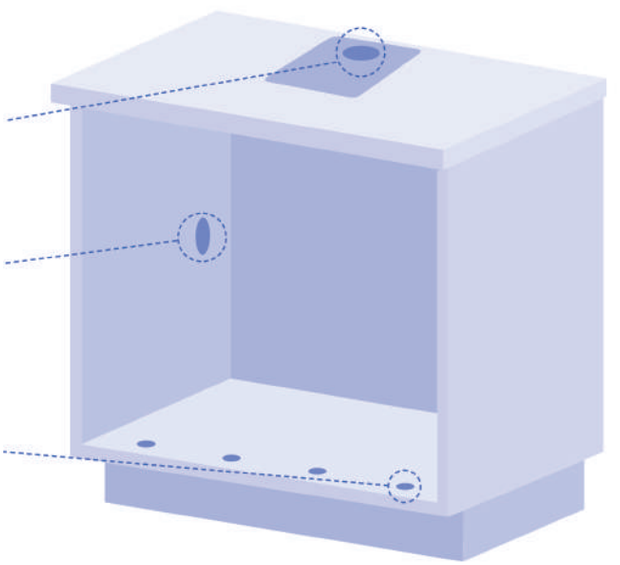
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Recommended Cutouts for Ventilation and Tubing

A hole at least 1-1/4" in diameter is required on the top of the counter

Additional connecting holes may be required if multiple cabinets can be utilized

Ventilation cutouts will be needed to ensure the drinks are chilled and carbonated correctly.



Please see tubing drill hole template on page 6 of this document.

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Cabinet Configurations

1. Single Cabinet

Minimum Internal Cabinet Dimensions

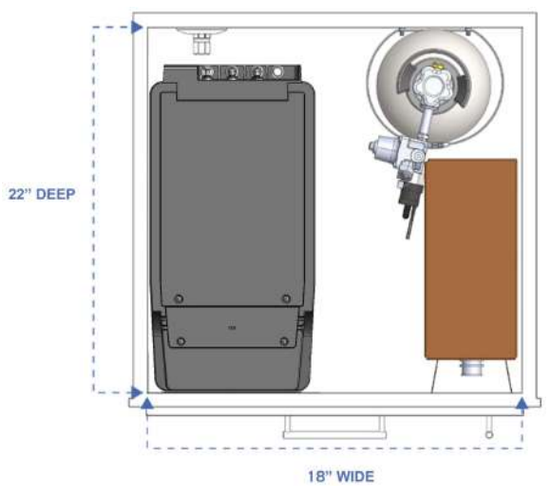
with 5 lb. or 10 lb. CO2 tank:

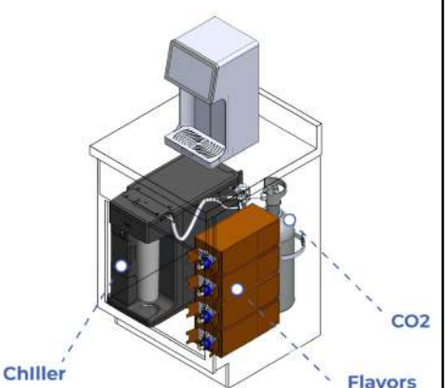
18" WIDE
22" DEEP
22" HIGH

with 20 lb CO2 tank

18" WIDE
22" DEEP
28" HIGH

TOP VIEW
(internal dimensions)





2. Double Cabinet

Minimum Internal Cabinet Dimensions

with 5 lb. or 10 lb. CO2 tank:

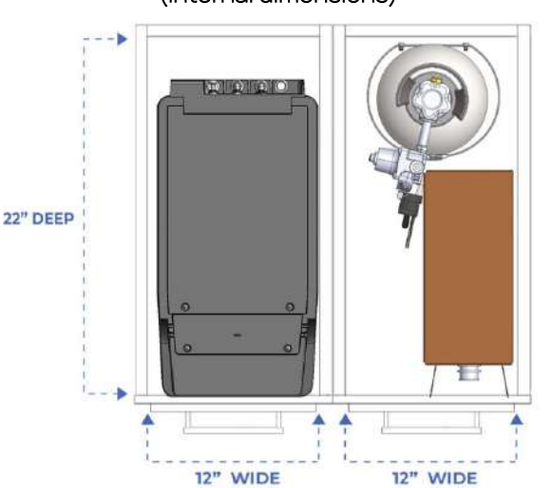
12" WIDE
22" DEEP
22" HIGH

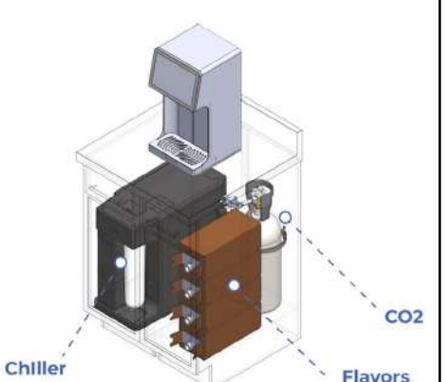
with 20 lb CO2 tank

12" WIDE
22" DEEP
28" HIGH

* Cabinets must be side-by-side

TOP VIEW
(internal dimensions)



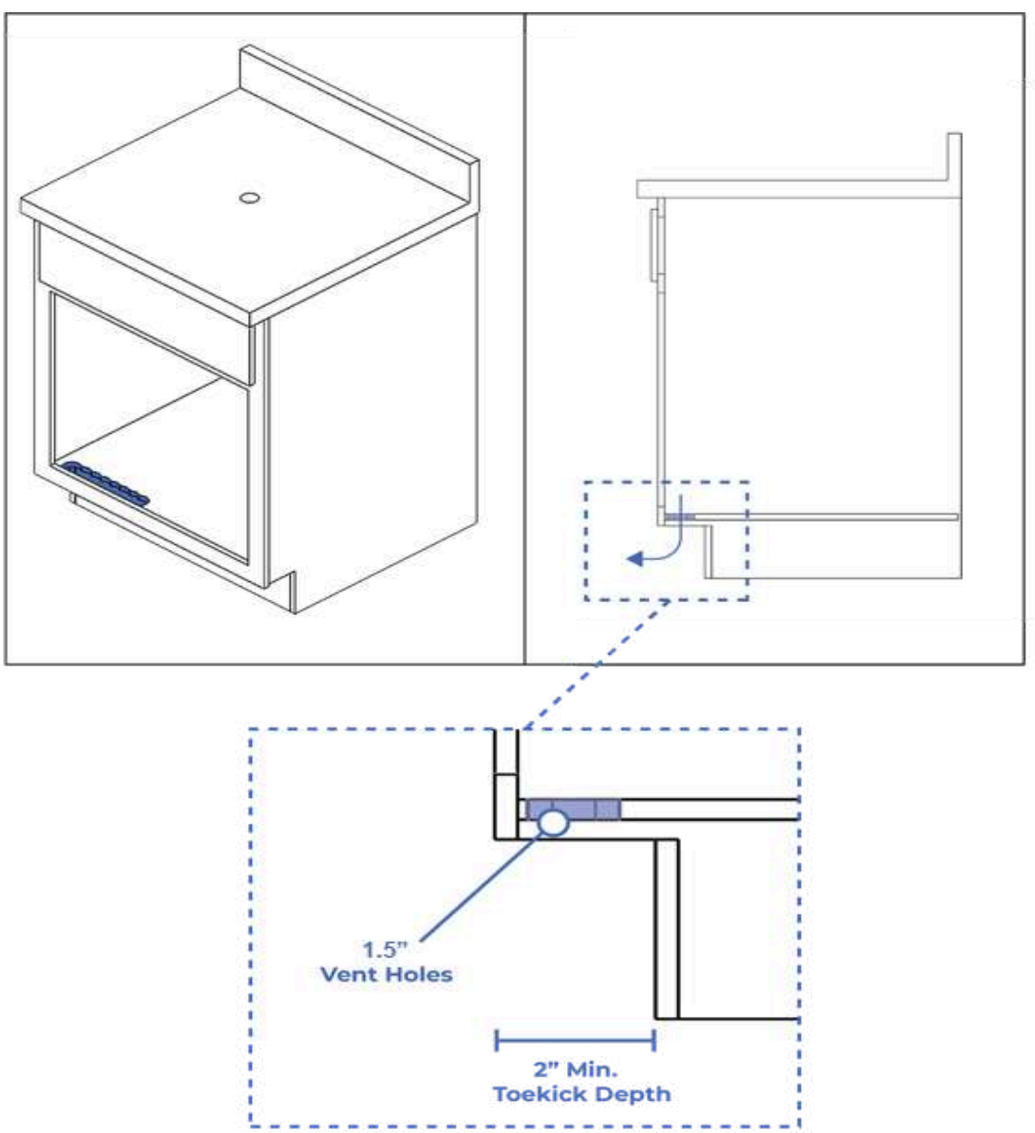


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Ventilation Methods

Standard Ventilation

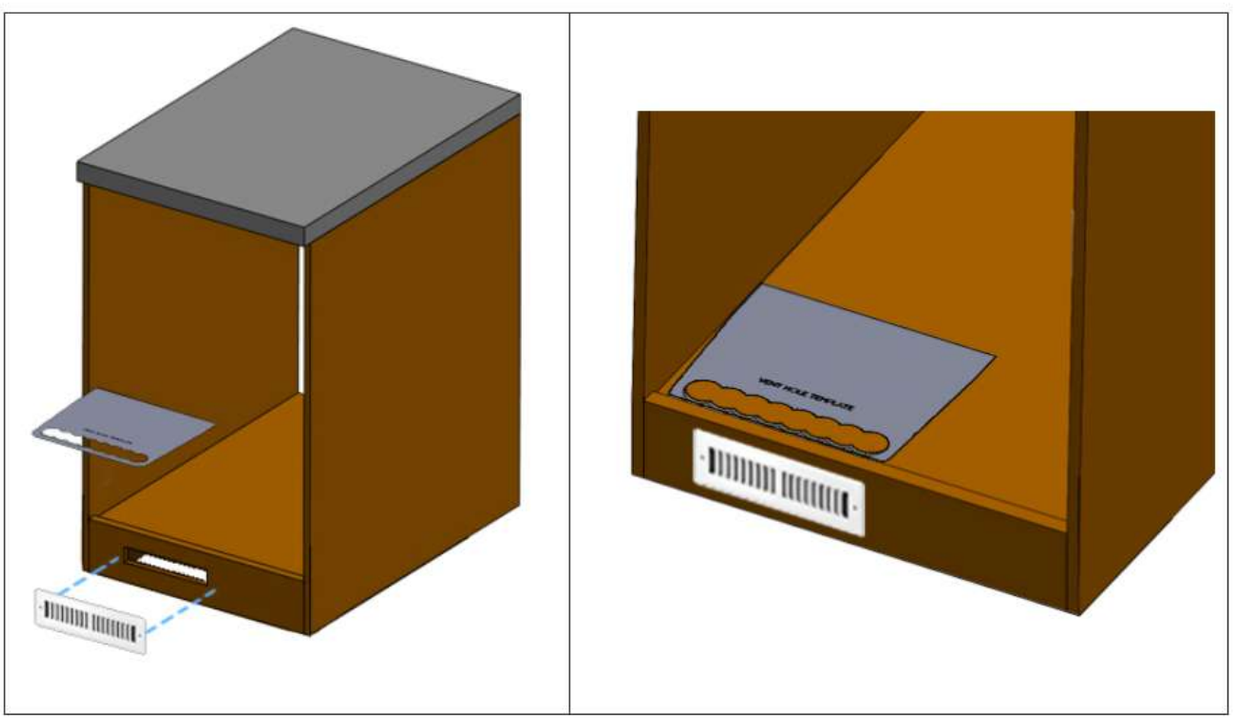
To ensure proper ventilation cabinets require a toe kick with a minimum depth of 2"



Alternative Ventilation Installation Methods

Grille Method for No/Insufficient Toe Kick

- Used when the cabinet does not have a toe kick and the cabinet has a floor/cabinet base.
- Drill vent holes at least 21" from the rear of the cabinet using the Chiller Vent Hole Template
- Install a minimum 2" x 10" grille in the cabinet base toe kick to allow venting.

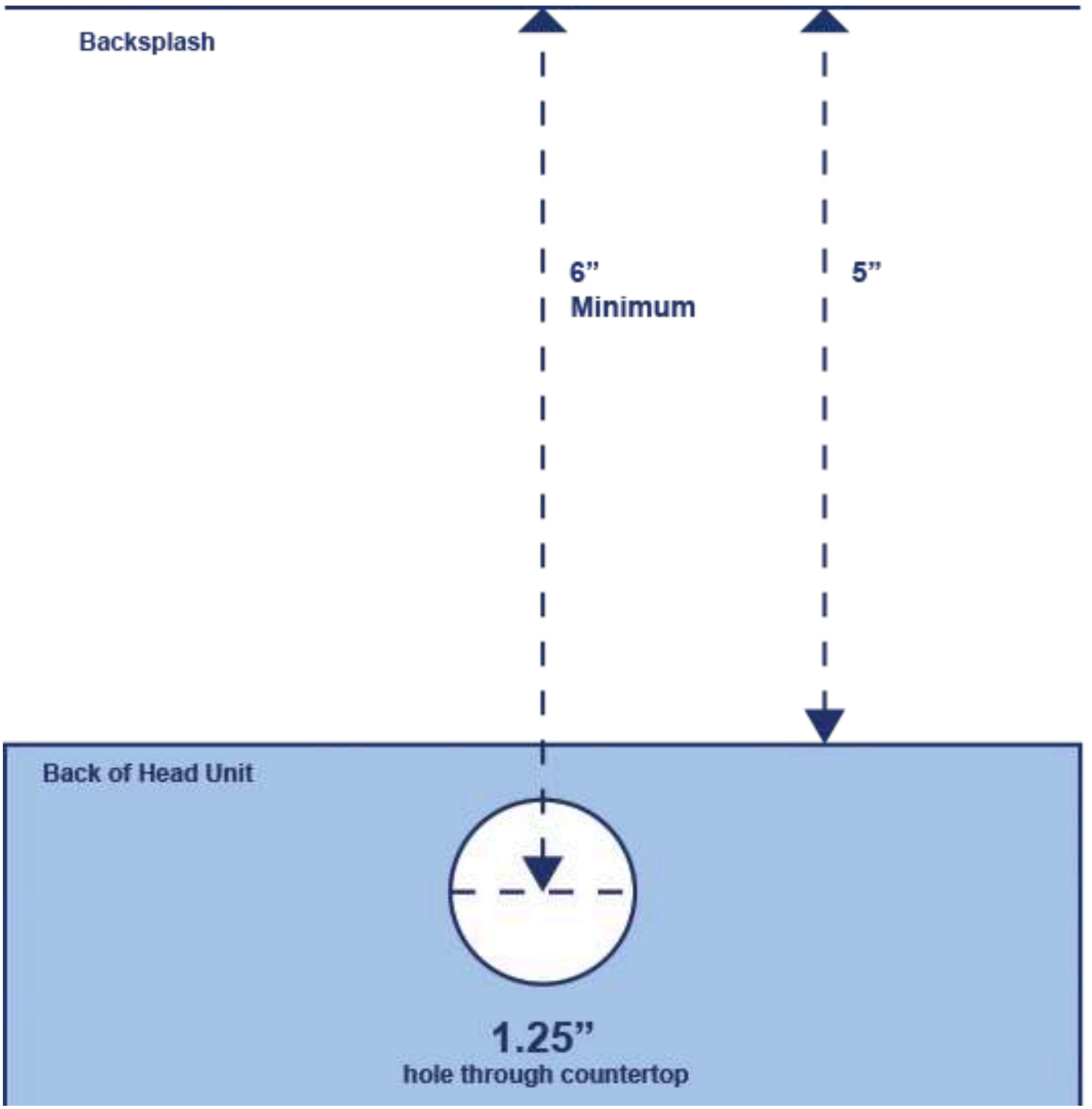


Q-Tip:

To ensure ADA installation, the top surface of the countertop cannot exceed 30" from the floor and the beverage tubing hole cannot be more than 9" from the front edge of the countertop surface. These measurements will ensure the front of the countertop machine will align with the front of the countertop.

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Head Unit Countertop Hole Template



Talk to your dedicated Culligan Quench Water Expert.

Phone
844-557-8320

Website
www.culliganquench.com

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Toe kick Ventilation Template (Hole Saw)

CHILLER VENT HOLE TEMPLATE (HOLE SAW)

COMPACT CHILLER VENTILATION • ⚠ **DO NOT** place the compact chiller directly on the cabinet floor!

IMPORTANT: The compact chiller **requires** its lower ventilation grate to remain clear and properly vented, per the standard installation instructions. The compact chiller will malfunction if its grate is blocked.

Use one of the *approved alternative ventilation methods* if the cabinet can't support the standard ventilation requirements. Contact Bevi Technical Services to confirm approved solutions at 866-704-2384 (BEVI).

Template Sizing Reference: 1in

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Toe kick Ventilation Template (Jigsaw)

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