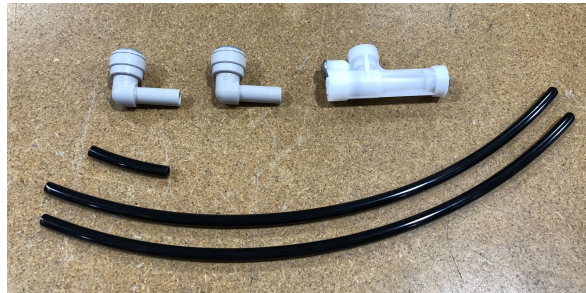


**[TECHNICAL BULLETIN]
GUIDELINES ON USE OF CARBONATOR ADAPTER KIT**

Title	GUIDELINES ON USE OF CARBONATOR ADAPTER KIT
Date	2021-06-16
Author	CORY GOODENOUGH
Subject	540-0036 CARBONATOR ADAPTER KIT
For Questions Contact	support@bevi.co
Description	
This document provides guidelines around the use of the carbonator adapter kit 540-0036. This kit enables the installation of a V1.5 carbonator (100052-01) within older Bevi models (V.75 standup, V1 standup, V0 countertop).	
FAQs	
<ul style="list-style-type: none">- Where can I order the carbonator conversion kit 550-0036?<ul style="list-style-type: none">- The 540-0036 kit is available to order as a spare part via bevi.handshake.com- Are there other methods to install a V1.5 carbonator in an older Bevi machine?<ul style="list-style-type: none">- Yes. By using a combination of additional 8 mm to 3/8" reducers and extra lengths of tubing, the V1.5 carbonator can be installed in older machines.- If an older model Bevi has already been installed with a V1.5 carbonator, do I need to replace the existing fluid connections with this new kit?<ul style="list-style-type: none">- No. As long as there are no leaks and machine performance/output is nominal, then there is no need to change the current state of the carbonator installation.	

BOM: 540-0036 Carbonator Adapter Kit

- 1x 100231-02 1/4" Flow Compensator
- 2x 100229-01 Stem-to-Elbow, 3/8" Push-to-Connect Fitting
- 1x 100306-01 1/4" Polyethylene Tube, 1.5" Length, Black
- 2x 102417-01 1/4" Polyethylene Tube, 18" Length, Black



Tool List

- Polyethylene Tube Cutter
- Push-To-Connect Tool (optional)



Installation Process

- Follow the below procedure for installation instructions

Carbonator Removal and Installation

- Refer to the Bevi [Carbonator Replacement Guide at partners.bevi.co](https://partners.bevi.co) for proper technique when removing and installing the replacement carbonator within the Bevi machine chassis (standup) or cabinet space (countertop).
- Ensure that the Bevi machine and carbonator are powered off during carbonator removal and installation.
- Ensure water and CO2 inputs to the machine are off during carbonator removal and installation.

Carbonator Inputs

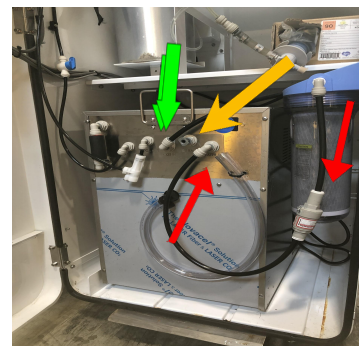
Ice Bank Fill (blue arrow)

1. During normal machine operation, water will flow from the filter output, through the water pressure regulator, and into the *Water In* port of the carbonator
2. Use tube cutters to trim down the existing $\frac{3}{8}$ " tubes between the filter<>regulator and regulator<>carbonator so that the tubing routes from the filter output to the front of the carbonator without any kinks or straining
3. Complete the connections of this fluid path, ensuring that the arrow on the pressure regulator is in line with the direction of flow (i.e. from filter to carbonator)
4. Connect the water line from the filter output to the *Ice Bank Fill* port on the front of the carbonator
5. Follow the instructions on the [Carbonator Replacement Guide](https://partners.bevi.co) and proceed to fill the ice bank tank.



Water Input (red and yellow arrows)

6. Once the tank is filled, remove the tube from the *Ice Bank Fill* port and install the tube in the *Water In* port (red arrows)
7. Use the provided $\frac{3}{8}$ " plug (shipped with the carbonator) to plug the *Ice Bank Fill* port (yellow arrow)



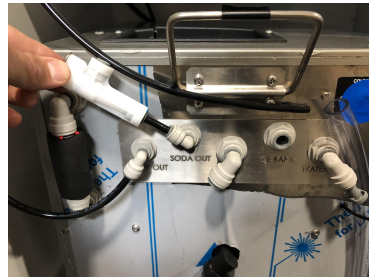
CO2 Input (green arrow)

8. Connect the existing CO2 polyethylene line from the output of the CO2

regulator to the CO2 input on the front of the carbonator.

Carbonator Outputs

9. Connect the 1.5" length of ¼" tube (provided in the adapter kit) to the long arm of the flow compensator
10. Install the other side of the 1.5" length of tube into the *Soda Out* port on the front of the carbonator.
11. Install 1x of the provided 18" lengths of poly tubing to the short arm of the ¼" tubing
 - a. This tube can be cut using tube cutters to a desired shorter length in order to facilitate better fit within the existing machine fluid system.
12. Install the remaining 18" length tube into the *Still Out* port on the front of the carbonator
 - a. This tube can be cut using tube cutters to a desired shorter length in order to facilitate better fit within the existing machine fluid system.
13. Connect the tube from the still and soda carbonator outputs to the corresponding still and soda ¼" push-to-connect shut-off valves that are installed within the existing machine fluid system side wall
 - *It is critical to ensure that the still/soda outputs from the carbonator are connected to the correct still/soda lines on the machine. To verify, look for labeling on the machine lines and visually trace the entire water flow from carbonator to nozzle.*





Rev. 1
07/16/2021

Final Test

- After installation of the carbonator and adapter kit, follow instructions in the Bevi installation guide at partners.bevi.co for returning electrical power, water, and CO2 to the Bevi machine.
- Use the touchscreen to dispense still and sparkling water, ensuring no leaks within the fluid system and proper dispensing of still and sparkling water from the nozzle.