



# **Bevi V2 Standup Installation Manual**

**Rev 01 - September 2021**

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# Safety & Regulatory Requirements

We have provided important safety messages in this manual for your Bevi. Always read and obey the installation instructions and safety language. If you have questions or concerns please reach out to your Bevi Customer Success Manager, or contact support@bevi.co.

## Installation Safety

- Water pipe connections and fixtures directly connected to a potable water supply shall be sized, installed, and maintained in accordance with federal, state, and local codes.
- This appliance must be properly installed on a GFCI protected circuit.
- Maximum water inlet supply pressure must not exceed: 100 PSI (0.7 MPa).
- This appliance is climatic class 0: 20°C (68°F), 50% RH, 9.3°C dew point, 7.3 g/kg water vapor mass in dry air.
- Machine is for indoor use only, 10-32°C (50-90°F).
- **CAUTION:** This appliance contains flammable refrigerant Propane R290. The handling, moving, and use of the water cooler shall be done in a manner so as to avoid either damaging the refrigerant tubing or increasing the risk of a leak.
- This appliance having flammable refrigerant shall not be intended for use in a location of safety egress, such as a hallway or public corridor.
- For proper ventilation, ensure that the appliance has a minimum of  $\frac{3}{4}$ -inch clearance around the sides and top of the machine and a minimum of 2-inch clearance on the back of the machine.

## Machine Safety

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Appliance is only to be installed in locations where it can be overseen by trained personnel.

- The appliance must not be cleaned by a water jet, and not installed in an area where a water jet could be used.
- Do not store explosive substances such as aerosol cans with a flammable propellant inside the appliance.
- Component parts shall be replaced with like components. Users shall not attempt to replace or service parts of the V2 machine unless trained appropriately by Bevi personnel.
- **WARNING: BURN HAZARD.** The dispenser heats water to a temperature of approximately 190°F (88°C). Water temperatures above 125°F (52°C) can cause severe burns or death from scalding. Children, the disabled and the elderly are at highest risk of being scalded. Children should be supervised by an adult when using this product.

## Consumables

- Only use Bevi branded or approved concentrates with this machine.
- Consumables have an expiration date. At or after an expiration date, the consumable should be removed from the Bevi and disposed of properly.
- It is critical that if leaving the machine unattended for an extended period of time (2-weeks) that the machine undergoes a full cleaning prior to returning to service.

## FCC / ISED

- Changes or modifications not expressly approved by Bevi could void the user's authority to operate the equipment.
- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation
- This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

- This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux RSS sans licence d'Innovation, Sciences et Développement économique Canada. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

- This equipment complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

# Installation Requirements

Prior to installing the Bevi V2 Standup, be sure to read, understand, and follow all of the installation safety requirements listed in the Safety and Regulatory Requirements section.

## Space Requirements

- To provide adequate ventilation, the minimum space required for the Bevi V2 is:
  - Width: 21 inches
  - Depth: 23.75 inches
  - Height: 69 inches
- Machine is for indoor use only, 10-32°C (50-90°F).

## Electrical Requirements

- Input required is 115 VAC, 60 Hz (up to 12A MAX)
- The Bevi V2 is provided with a 10-ft (3-m) power cord. Do not use an extension cord to provide electrical power to the machine.
- This appliance must be properly installed on a GFCI protected circuit.

## Plumbing Requirements

- Water inlet size: 1/4-inch Push-to-Connect
- Water inlet supply pressure: MAX 100 PSI (0.7 MPa), MIN 40 PSI (0.28 MPa)
- Water pipe connections and fixtures directly connected to a potable water supply shall be sized, installed, and maintained in accordance with federal, state, and local codes.
- NOTE: Bevi V2 is equipped with an ASSE 1032-certified backflow preventer device internal to the machine.

## Network Requirements

- WiFi 802.11b/g/n (2.4 GHz) or Ethernet CAT-5 RJ45 required

# Installation Instructions

## Unpacking and Initial Setup

1. Remove outer packaging materials by cutting the strapping, removing the cardboard top cap, snapping off the plastic retainer clips, and removing the large flat cardboard side panel. Remove the 4 vertical folded honeycomb supports from the corners of the machine. Unfold the side flaps of the cardboard bottom.
2. Carefully tilt the machine to slide the front and rear cardboard pads out from the underside of the machine. Carefully slide and tilt the machine to one side to remove the cardboard pad from underneath the center of the machine.



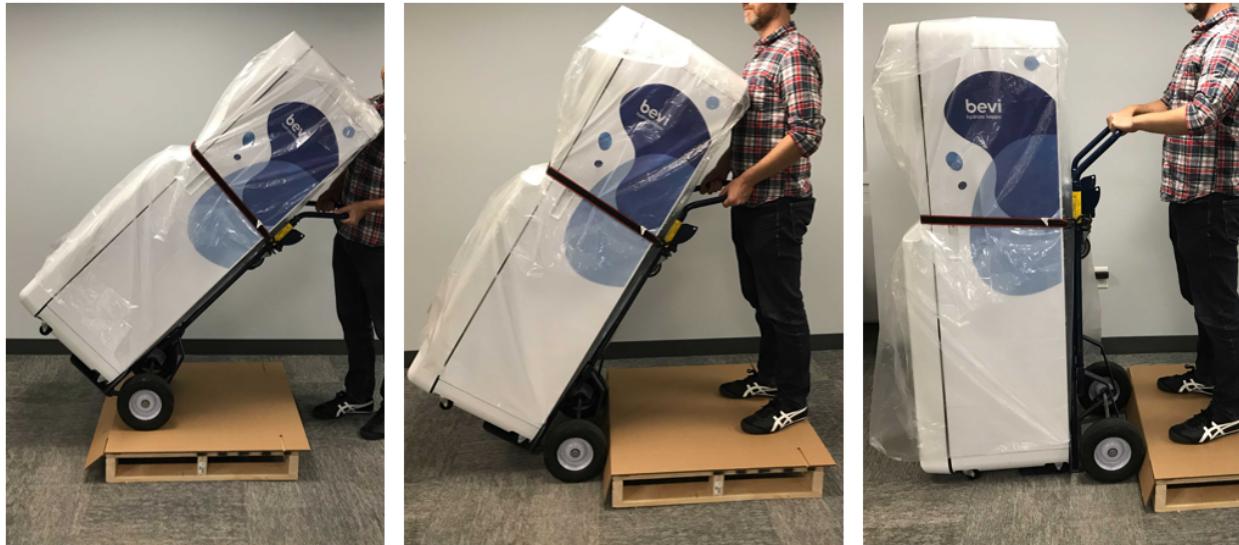
3. Roll the machine toward the front edge of the pallet to allow space behind the rear of the machine.



4. Position an appliance cart / hand truck appropriate for moving this size device behind the rear of the machine. Use moving blankets / foam supports together with safety straps to secure the machine to the appliance cart.



5. Carefully tip the machine onto the cart. Roll the cart slowly and carefully off the front edge of the pallet, lowering it softly until the wheels touch the floor. Carefully tip the cart and machine forward until the machine is fully resting on the floor. (NOTE: This may require more than one person)



6. **If moving the machine unpackaged to its intended installation location, continue to use an appliance cart / hand truck appropriate for moving this type of machine.** Use moving blankets / foam supports together with safety straps to avoid personal injury and/or damage whenever moving the machine. The wheels on the base of the machine should only be used to roll the machine the final few feet into its intended installation position.
7. Remove the power cord from the front of the machine.
8. Remove the plastic bag from the machine.
9. Plug the power cord into the receptacle at the top rear of the machine. Plug the other end of the power cord into a power receptacle. (NOTE: Circuit should be GFCI protected)
10. Flip the power switch located on the top rear of the machine to the ON position. Wait for the product's screen to load in order to continue setup using the Bevi V2's Install Wizard.

## Install Wizard

When powered on for the first time, Bevi V2 will enter into the Install Wizard tool to assist with the remainder of the setup. Install Wizard uses the machine's LCD touchscreen display to perform the the following steps:

- Network connection setup (WiFi or ethernet)
- Software updates
- Registering the Bevi V2
- Adding a water filter
- Adding a CO2 tank
- Connecting water source & filling the machine with water
- Adding flavors and enhancements

## Incubation Mode

Once the Install Wizard is complete, Bevi V2 will need time to cool down its refrigeration system. Bevi V2 utilizes incubation mode to ensure the machine is properly cooled before users can dispense drinks.

## V2 Operation and Service

For more information on how to operate, service, and troubleshoot the Bevi V2 machine, visit our partners website.

<http://partners.bevi.co>



# Technical Specifications

Bevi Model Number	700-0012
Refrigerant	Propane R290 52.5g
Inputs	
Electrical	Power: 115 VAC 60 Hz 12A Max Ethernet: CAT-5 RJ45 (Optional) WiFi: 802.11b/g/n Cellular: LTE CAT1
Water Inlet Size	
Water Inlet Pressure	Minimum: 40 psi Maximum: 100 psi
Consumables	
Flavors	Up to 8
Enhancements	Yes
CO2	Connection: CGA-320 Tank Sizes: 5lb, 10lb, 20lb
Water Filter	3M HF20
Dimensions/Weight	
Unpackaged	W 16.5" x D 21.25" x H 66.25" 240 lbs
Packaged	W 31" x D 31" x H 73" 280 lbs

Certifications	
Electrical Safety	UL 1951 - Standard for Safety Electric Plumbing Accessories CSA C22.2 No. 120-13 - Refrigeration Equipment UL 399 - Standard for Drinking-Water Coolers UL 499 - Standard for Safety Electric Heating Appliances
Sanitation	NSF/ANSI 18
Electrical Emissions & Compliance	FCC ID: 2AMTV-103838 IC ID: 22810-103838
Cellular Compliance	PTCRB

## Revision Table

This table will list major revisions of the unit and contain a summary of changes for each revision.

Revision	Date Effective	Summary of Changes
01	Sep 2021	Initial release to production