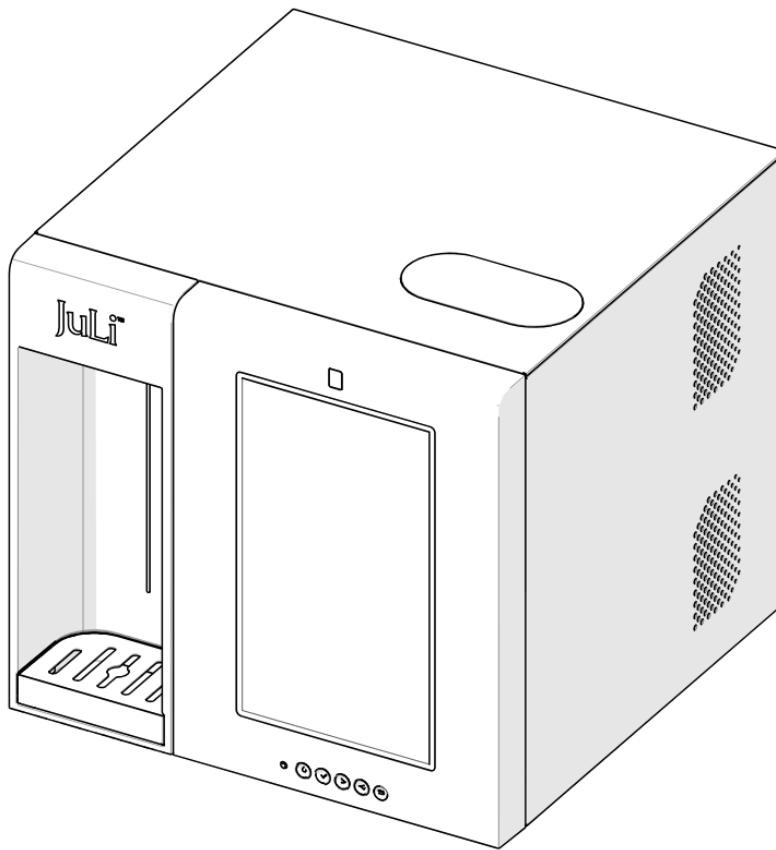


JuLi 5.0

THE INTELLIGENT ALL-IN-ONE MULTI-BEVERAGE COUNTERTOP MANUAL VALID IN THE UNITED STATES OF AMERICA AND IN CANADA

L'intégralité de ce manuel en français, destinée à la province de Québec et aux autres territoires, est disponible sur demande



INSTRUCTION MANUAL

Patent Pending

Document No. 20260513-02 · Revision: 22-JUN-2026

Designed, Engineered, and Manufactured by DrinkStation Holdings Corporation and its wholly owned subsidiaries
Distributed Exclusively by Smart Soda Holding Inc. including its subsidiary and affiliated companies

Distribution, Sales, Marketing, Warranty, Parts, and Consumables: www.smartsoda.com or 1 (888) 998-9688
Technical Support (only): www.drinkstation.com or 1 (844) 928-9288

INTRODUCTION

Thank you for choosing JuLi 5.0.

JuLi 5.0 is exclusively distributed by Smart Soda Holding Inc.

JuLi 5.0 is a connected multi-beverage countertop designated, and agency certified in accordance with applicable UL (US-CAN), ANSI/NSF, CSA, FCC, ISED standards under the product name: “*DRINKSTATION*”, version: “*Model J*”.

JuLi 5.0 dispenses still, ice-cold, cold and ambient alkaline water; or sparkling (strong, medium and light) mineral water; and hot water, plus a wide range of flavors, enhancers, and concentrates contained in 8-ounce blue glass bottles — all from a single tankless, flash-refrigerated, and instantaneously carbonated DRINKSTATION.

Read Before You Begin



Read this manual completely and retain it for future reference. Product failure due to improper installation is NOT covered by the warranty.

Due to rigorous factory testing, your JuLi 5.0 may contain reasonable traces of liquid flushing solution inside. This is normal.

Service this equipment only as recommended by the manufacturer and specified in this manual.

MANUFACTURER AND DISTRIBUTOR

Contacts	
Manufacturer's Technical Support Hot Line	1 (844) 928-9288
Online inquiries	www.drinkstation.com

Distributor's Sales, Consumables, Warranty, Replacement Parts	1 (888) 998-9668
Online inquiries	www.smartsoda.com

	Please Call The Right Number For operation help, error codes, and service, contact technical support (manufacturer) at 1 (844) 928-9288. For sales, warranty claims, replacement parts, new consumables, contact the distributor at 1 (888) 998-9668.
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PROPRIETARY NOTICE

This manual, and the DRINKSTATION equipment described in it, are protected by United States and international intellectual-property law. No part of this manual may be reproduced or distributed without written authorization by the manufacturer (DrinkStation Holdings Corporation).

The refrigeration and chilling system, the carbonator, the heating system, the micro-dosing system, the RFID recognition system and method, the consumables, the user interface logic, are among the several apparatuses and methods covered by the manufacturer's IPs.

This product is covered by one or more of the following U.S. patents and patent applications - non-exhaustive list of patents at the date of this document revision:

- U.S. Patent No. 11,802,036
- U.S. Patent No. 12,441,597
- U.S. Patent No. 12,145,830
- U.S. Patent No. 12,246,959
- U.S. Patent No. 11,634,350
- U.S. Patent No. 11,318,427
- U.S. Patent No. 12,138,600
- U.S. Patent No. 11,479,455
- U.S. Patent No. 12,122,654
- U.S. Patent Application No. 18/972,309
- PCT/US2024/058896
- U.S. Provisional Application No. 64/001,567
- U.S. Provisional Application No. 64/068,712

Other patents are pending. The DRINKSTATION equipment is marked "Patent Pending" where applicable.

Internationally, this product is covered by a set of similar families of patents, in particular, but not limited to, in the following countries and regions: Canada, the United Kingdom, Japan, the People's Republic of China, Australia, and the European Union, including Italy, France, Germany, and other member states of the EU.

For more detailed information visit www.drinkstation.com/patents , or inquire at: info@drinkstation.com to be directed to the relevant IP law firm handling the manufacturer's IP matters in one of the countries above.

TRADEMARK NOTICE

The following are trademarks of either Smart Soda Holding Inc. (distributor), or DrinkStation Holdings Corporation (manufacturer). All other marks are the property of their respective owners.

Trademark	Description & Ownership
JuLi™ and JuLi 5.0™	Product name – owned by Smart Soda Holding Inc.
Smart Soda™	Beverage System – owned by Smart Soda Holding Inc.
DRINKSTATION™	Equipment denomination – owned by DrinkStation Holdings Corporation
Model J™	Certified product designation – owned by DrinkStation Holdings Corporation
ActiFilter™	Water filter – owned by DrinkStation Holdings Corporation
Alkaline Chamber pH+™	Mineralization Chamber– owned by DrinkStation Holdings Corporation
Prism Carbonator™	Carbonation system – owned by DrinkStation Holdings Corporation
SEC Chiller™	Flash-cooling system – owned by DrinkStation Holdings Corporation
DRINKSTATION Connected™	Connectivity platform and app – owned by DrinkStation Holdings Corporation

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SAFETY SYMBOLS USED IN THIS MANUAL

This manual uses the following signal words and symbols. Read and obey all safety messages.

	DANGER Indicates a hazard that will result in serious injury or death if not avoided.
	WARNING Indicates a hazard that could result in serious injury or death if not avoided.
	CAUTION Indicates a hazard that could result in minor or moderate injury, or equipment damage.
	NOTICE Provides important information that is not hazard-related.
	WARNING — FLAMMABLE REFRIGERANT Identifies the flammable refrigerant (R290) hazard. See the Safeguards chapter before any service.

TABLE OF CONTENTS

Introduction	2
Table of Contents	8
Quick Start	12
Your JuLi 5.0 DRINKSTATION	13
Characteristics and Features	16
Required Items	16
JuLi 5.0 Installation Kit (included in the box)	17
Concentrates, Flavors, and Enhancers Kit (sold separately)	18
Internal CO2 Canister (sold separately)	18
External CO2 Tank Installation Kit (sold separately)	18
Cleaning & Flushing Kit (sold separately)	19
Specifications	20
Refrigerant Information	21
Manufacturer Plate — Location and Information	22
Certifications	23
FCC and ISSED (Radio) Compliance	23
California Proposition 65	24
Safeguards	25
Electrical System	26
Important Instructions	27
Installation	28
Dimensions, Requirements, and Clearances	28
Requirements	28
Countertop Hole (if required)	29
General Clearances around JuLi 5.0™	30
Filter Access Clearance	31
Necessary Tools	31
Unpacking	32
Water Supply Tap	32
CO2 Supply System	33
External CO2 Tank (optional)	34
Connecting to the Dispenser	35
Open Valves and Check for Leaks	35
Powering On the Dispenser	36

AUTO SET-UP (Guided Commissioning).....	36
Pre-commissioning steps	36
Automated commissioning phases.....	37
Startup	37
Network Configuration	37
Operation.....	38
Dispensing a Beverage.....	38
User Interfaces and Access Levels.....	39
Manager UI (111111).....	40
Service UI (222222).....	41
ADA Control Panel.....	47
Drip Tray and Anti-Flooding.....	48
Sensors and Control Systems.....	49
Out-of-Service and Safety Modes	51
Software Updates.....	52
DrinkStation Connected App and User Account	53
For consumers.....	53
For managers	53
Network, Privacy, and Data	54
Connectivity	54
Data Collected.....	54
Privacy	54
Consumables and Replacements	55
Replacing the Internal CO2 Canister	55
Replacing or Refilling the External CO2 Tank.....	56
Replacing the ActiFilter and the Mineral Alkaline Chamber pH+.....	56
Replacing Concentrates, Flavors, and Enhancers.....	57
Cleaning, Flushing, and Maintenance	58
Routine Cleaning	58
Areas of Maintenance	59
Automated Cleaning & Flushing Cycle (Every Six Months) – DRINKSTATION connected.....	60
Annual Hot Water Tank Maintenance.....	61
Leak Detector	62
Refrigerant Handling (Service Personnel Only)	63
Transporting and Relocating the DRINKSTATION.....	63
Battery Disposal	63

Technical Support.....	64
Troubleshooting.....	64
Error Code Glossary.....	65
Quick Fixes Before You Call.....	65
Contacting Support.....	66
Recycling and End-of-Life Disposal.....	66
Warranty Conditions	67
LIMITED PARTS WARRANTY.....	68
Appendix A — Beverage and Recipe Guide	71
Appendix B — Quick Reference Card	72
Everyday use	72
Key set points.....	72
Default Access codes (change at commissioning).....	72
Who to call.....	72
Appendix C — Flammable Refrigerant (R290): Safety Information, Markings, and Installation	73
C.1 Installation and User Instructions.....	73
C.2 Minimum Installation Clearances.....	73
C.3 General Safety Information.....	74
C.4 Installation Safety	74
C.5 Operation	74
C.6 Maintenance and Servicing.....	75
C.7 Refrigerant Recovery and Disposal.....	75
C.8 Warning.....	75
C.9 Inlet Water Temperature	75
C.10 Explanation of Safety Symbol (IEC 60417-6375)	75
C.11 Leak Testing of Site-Made Joints	75
C.12 Pressure Relief of Connected Fluid Circuits	76
C.13 Replacement Components.....	76
C.14 Installation Standard.....	76
C.15 Flammable-Refrigerant Warning Marking and Symbol	76
C.15.1 Avertissements (Canada / français)	76
C.16 Handling, Installation, Cleaning, Servicing, and Disposal of Refrigerant	76
C.17 Refrigerant Charge (mc) and Minimum Room Area (Amin).....	77
C.18 Ventilation Openings	77
C.19 Servicing	77
C.20 Nameplate / Rating-Label Marking.....	77

Appendix D — COMPETENCE OF SERVICE PERSONNEL 78

 General 78

 Information and Training..... 78

 a) Commissioning 79

 b) Maintenance 79

 c) Repair..... 80

 d) Decommissioning 81

 e) Disposal 81

QUICK START

New to the JuLi 5.0? These steps get you pouring in minutes. See the chapters that follow for full detail.

1. Confirm The Essentials

- JuLi positioned on a counter with sufficient clearances (see FIG. 7)
- JuLi plugged into a grounded, GFCI-protected 110–120 V outlet.
- Water supply and (if used) external CO₂ commercial tank connected and open.

2. Power On and Let It Set Up

- Switch on the Main Power Switch at the back; JuLi runs AUTO SET-UP automatically.
- Wait for the display to show the ready screen and follow the instructions.

3. Pour Your First Drink

- Place a vessel on the drip tray, choose a beverage and size, then press the POUR button centrally located on the screen.

4. Good To Know

- CO₂ is automatic: the external tank is primary; the internal cylinder is automatic backup.
- Alerts will pop up when a consumable runs low — follow the on-screen guidance.



Set Points at a Glance

External CO₂ 100 PSIG (to be set using the commercial regulator's gauge — sold separately) · Inlet water at 60 PSI ± 20, below 95 °F · Ice-cold water dispensed at 33–38 °F

Your JuLi 5.0 DRINKSTATION

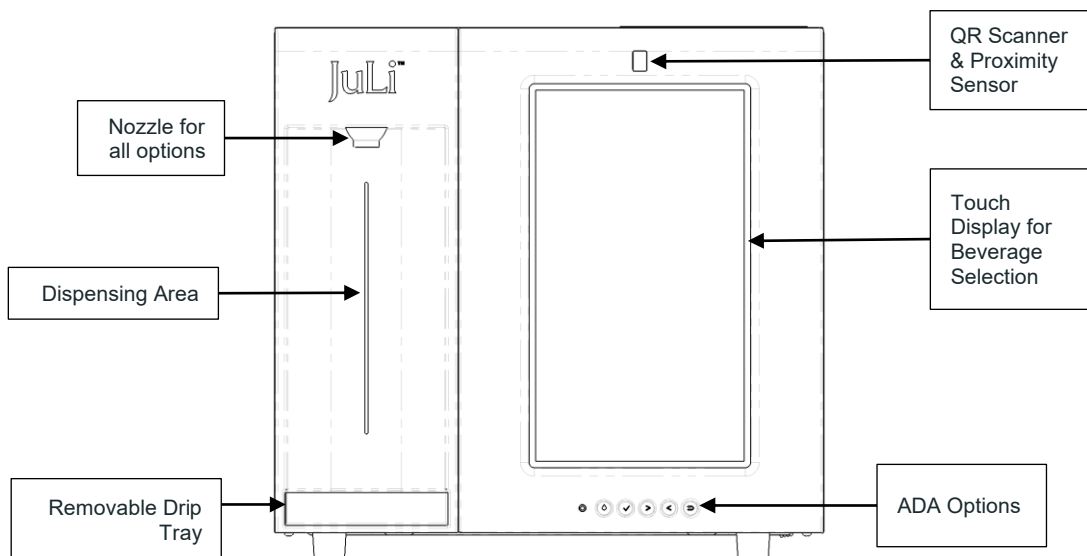


FIG. 1 JuLi 5.0 — Front View: dispensing area, nozzle, drip tray, and touch display.

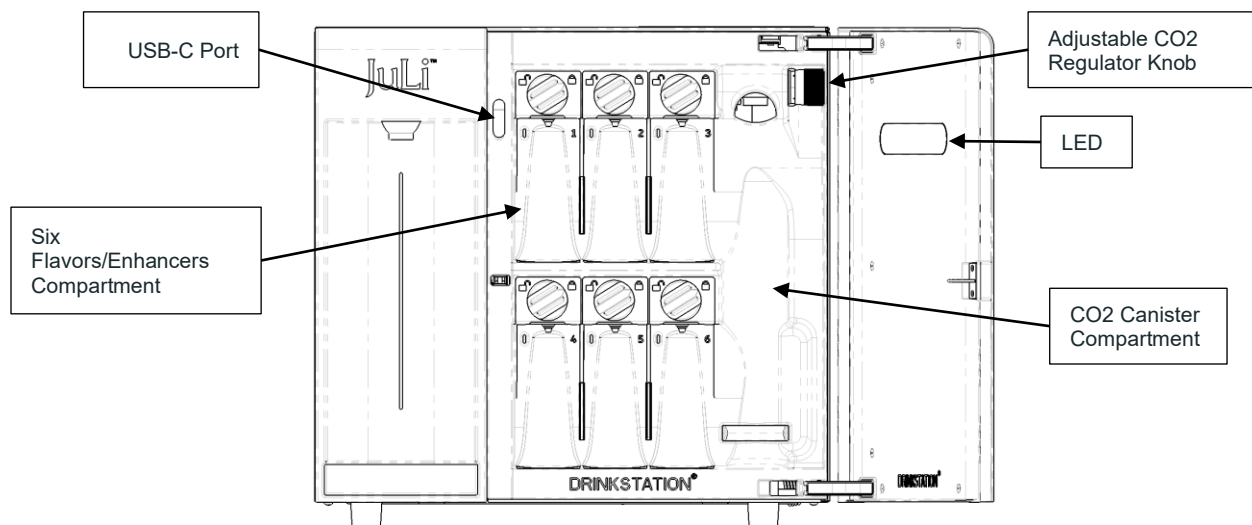


FIG. 2 JuLi 5.0 — Interior Layout (flavor compartments, CO2, ActiFilter and Mineral Alkaline Chamber pH+)

Principal external features:

- Dispensing area with single nozzle for all options
- Removable drip tray
- ADA control panel
- User proximity sensor (auto-wake)
- 15.6-inch touch display for beverage selection
- QR scanner camera
- Status LED
- Adjustable internal CO2 regulator knob
- Internal CO2 canister compartment
- Six (6) flavor / enhancer /concentrate compartments
- ActiFilter and Mineral Alkaline Chamber pH+

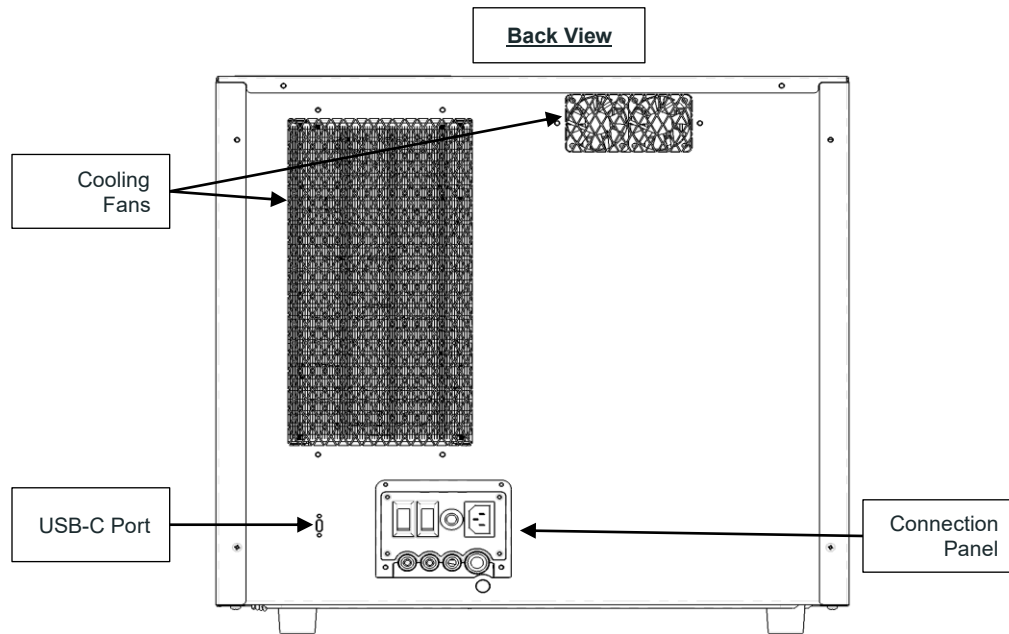


FIG. 3 JuLi 5.0 — Back View: Ventilation and Connection Panels



Keep Ventilation Clear

Keep all ventilation openings clear of obstruction at all times.

During installation, keep the plugs (stems) installed in BOTH the cold and hot drains. Drains should be unplugged only for draining, before transporting the DRINKSTATION.

Connection Panel:

- Main Power Switch
- Red hot switch (for the hot tank)
- Power Reset Button (circuit-breaker reset)
- Power Cable Inlet
- 3/8" Water Inlet
- Door Unlock Button
- 1/4" External CO2 Inlet
- Cold Water Drain (keep plug installed)
- Hot Water Drain (keep plug installed)

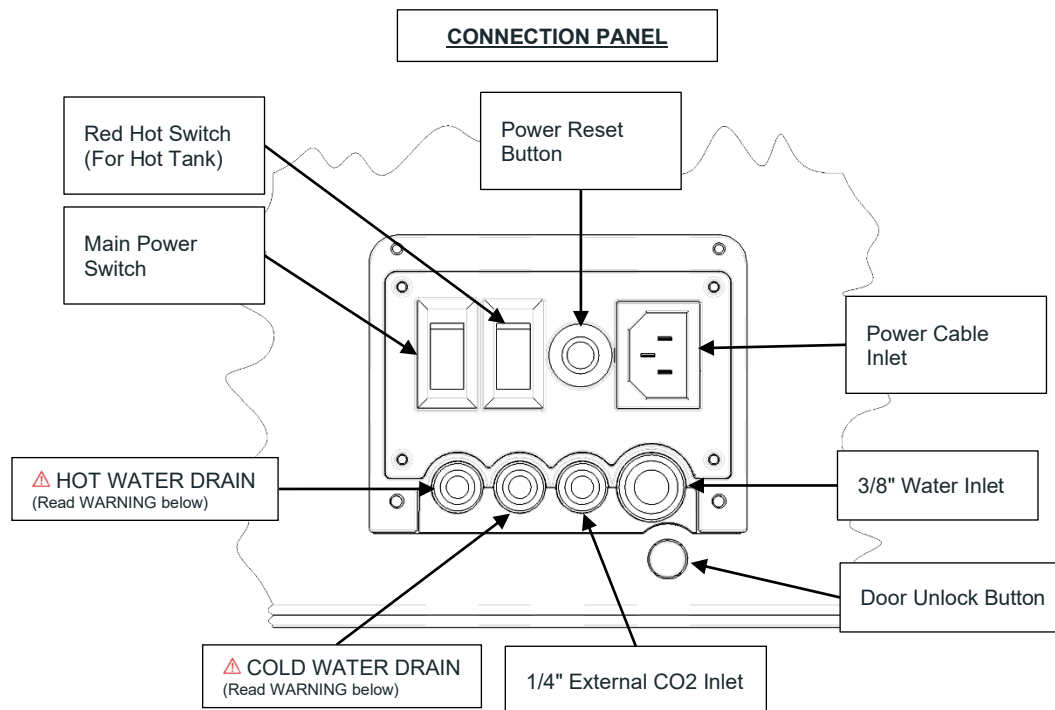


FIG. 4 Rear Connection Panel: power switch, red hot switch, reset button, water and CO2 inlets, and drains.

Characteristics and Features

Water Dispensing	Sparkling (Light / Medium / Strong); Still (Ambient / Cold / Ice-Cold); Hot. Autofill for hands-free dispensing.
Flavor System	Six (6) compartments for ingredient glass bottles containing concentrates, flavors, and/or enhancers, blended during dispensing.
CO2 System	Internal CO2 canister compartment plus optional external CO2 tank, with automatic source failover (see CO2 Supply System).
Filtration	ActiFilter and Mineral Alkaline Chamber pH+.
Cooling	SEC (Smart-Efficient-Compact) Chiller with fins and rods; flash-refrigeration under pressure; helps prevent bacterial growth.
Carbonation	On-demand, instantaneous tankless Prism carbonator — no carbonation tank required; reduced contamination risk.
User Interface	15.6-inch front high-resolution touchscreen display.
Energy Efficiency	Sleep mode (proximity-activated) for reduced energy consumption.

Required Items

Item	Notes
Installation Kit, (included inside the DRINKSTATION's box)	Required fittings, tubing, and hardware for installation + the ActiFilter and the Mineral Alkaline Chamber pH+.
Glass Concentrate Bottles Kit (Sold Separately)	Concentrate / flavor / enhancer in (blue) glass bottles; box for 2 blue bottles (min), or master box for 12 bottles.
Internal CO2 Canister (Sold Separately)	Optional; 420 g CO2 cylinder; box of 2 (min).
External CO2 Tank's Installation Kit (Sold Separately)	Optional external commercial tank; commercially available. Recommended CO2 Tank Installation Kit.
Cleaning & Flushing Kit (Sold Separately)	Cleaning and flushing solution bottles in amber (brown) glass, with a new ActiFilter and a new Mineral Alkaline Chamber pH+



Installation & Water-Supply Warnings

Connect the JuLi 5.0 to city potable water only. Comply with all local plumbing codes. Use a qualified installer; proper installation is the installer's responsibility. The manufacturer recommends factory-qualified technicians.

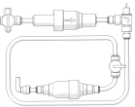
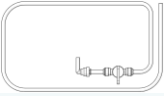
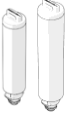
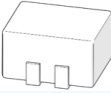
Check the water inlet pressure. The JuLi 5.0 withstands 80 PSI maximum. Always use the included water pressure regulator to lower pressure to 60–65 PSI. Minimum inlet pressure: 40 PSI.

Use Carbon Dioxide UN 1013, food grade only.

Once installed, DO NOT MOVE or TILT the DRINKSTATION. Keep all ventilation openings clear.

Do not use mechanical devices or other means to accelerate defrosting, other than those recommended by the manufacturer. Do not damage the refrigerating circuit.

JuLi 5.0 Installation Kit (included in the box)

Image	Part No.	Description	Qty
	IK-001	Water Inlet Manifold	1
	IK-002	CO2 Inlet Manifold	1
	IK-003	ActiFilter and Mineral Alkaline Chamber pH+ (set)	1 + 1
	IK-004	Drip Tray	1
	IK-005	3/8" Locking Clips	2
	IK-006	1/4" Locking Clips	1
	IK-007	Tube Cutter	1
	IK-008	Leak Detector Alarm Module (9V battery not included)	1
	IK-009	Electric Power Cord	1
	IK-010	Instruction Manual	1
	IK-011	CO2 Hanger for External CO2 Tank	1

**Part Numbering**

This kit contains eleven (11) items, IK-001 through IK-011. The items can be ordered or replaced by referencing these part numbers.

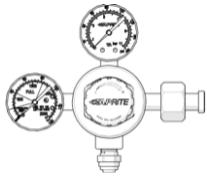
Concentrates, Flavors, and Enhancers Kit (sold separately)

Image	Part No.	Description	Qty
	FE-001-A	Concentrate / flavor / enhancer blue glass bottles: Strawberry, Lemon-Lime, Coffee, Energy Plus, Tea, Electrolytes Boost, and many others	2
	FE-002	Bottle Cap Dip Tubes	2

Internal CO2 Canister (sold separately)

Image	Part No.	Description	Qty
	CC-001	Internal CO2 Cylinder for JuLi 5.0 — 420 g CO2, factory-set to 97 psi	2

External CO2 Tank Installation Kit (sold separately)

Image	Part No.	Description	Qty
	CIK-001	Taprite CO2 gas double-gauge professional regulator w/ JG fittings	1
	AO-001	A CO2 tank wall-mounted bracket is recommended. Add-on item.	1

Cleaning & Flushing Kit (sold separately)

Image	Part No.	Description	Qty
	SK-001	JuLi 5.0 Cleaning Solution amber glass bottle	6
	SK-002	JuLi 5.0 Flushing Solution amber glass bottle	6
	SK-003	ActiFilter replacement	1
	SK-004	Mineral Alkaline Chamber pH+ replacement	1
	SK-005	Microfiber Cloth	1



For Equipment Use Only — Not for Drinking

The amber (brown) glass bottles hold cleaning and flushing solutions for automated internal maintenance only. They are not beverages. Do not drink their contents, dispense them for consumption, or pour them into any serving container. Avoid contact with eyes and skin, keep the bottles tightly closed, and store them out of the reach of children.

Specifications

Dispenser Dimensions (H × W × D)	19.4" × 20" × 20.4" (492.6 mm x 508.5 mm x 519.2 mm)
Dry Weight	121 lb (55 kg)
Water Supply Inlet Temperature	41–85 °F
Recommended Inlet Water Pressure	40–80 psi (at the 3/8" supply-line connection)
Recommended Inlet CO2 Pressure	100 psi at the external-tank regulator (fixed)
Actifilter & Mineral Alkaline Chamber Ph+	4,000 L capacity or six (6) months, whichever comes first
ADA Compliant	Yes — see ADA Panel for standards basis
Touch Display	15.6 inch
Max. Concentrates / Flavors / Enhancers	6 glass bottles
Max Draw, Cold Or Sparkling Water	120 – 130 L/hr
Ice-Cold Water Output Temperature	33 – 38 °F
Sustained Ice-Cold Output Capacity	40 L/hr of ice-cold water at 40°F (4.4°C) or colder
Max Carbonation	3.7 v/v with a calibrated electrical Carbo QC measuring dissolved CO2; equivalent to 4.8 v/v using the manual shaking method
Hot Water Output	8 oz (≈ 237 mL) mug every 2 min, above 185 °F
Electrical Rating	110–120 V~, 60 Hz, single-phase
Maximum Running Current	10.5 A (minimum 15 A branch circuit; GFCI outlet recommended)
Flavors	Strawberry, Lemon-Lime, Cherry, Orange, and others
Enhancers	Energy Plus, Electrolytes Boost, Immune, and others
Concentrates	Tea, Coffee, Green Tea, Sweetener, and others

Refrigerant Information

Refrigerant	R290 (propane)
Classification	A3 (highly flammable)
Refrigerant Charge (mc)	71 g (2.5 oz) ¹
Lower Flammability Limit (LFL)	0.038 kg/m ³ (R290)



WARNING — FLAMMABLE REFRIGERANT (R290)

This DRINKSTATION contains R290 (propane), a flammable refrigerant. Do not use means to accelerate defrosting or to clean, other than those recommended by the manufacturer.

Store and operate the DRINKSTATION in a room without continuously operating ignition sources (open flames, an operating gas DRINKSTATION, or an operating electric heater). Do not pierce or burn. Be aware that the refrigerant may have no odour.

MISE EN GARDE: Cet appareil contient du R290 (propane), un fluide frigorigène inflammable. Ne pas utiliser de moyens autres que ceux recommandés par le fabricant pour accélérer le dégivrage ou le nettoyage. Entreposer dans un local sans source d'inflammation permanente. Ne pas percer ni brûler. Le fluide frigorigène peut être inodore.

¹The refrigerant charge must match the value stamped on the DRINKSTATION equipment rating label. If the label differs from this manual, the rating label governs.

Manufacturer Plate — Location and Information

The certified name of JuLi 5.0 is DRINKSTATION Model J, as shown on the manufacturer rating label on the back panel (sample below). The label carries identification, agency certifications, electrical ratings, refrigerant details, and certification markings.

DESIGNED, ENGINEERED AND MANUFACTURED BY THE DRINKSTATION GROUP OF COMPANIES MANUFACTURED BY DRINKSTATION INNOVATION (SHENZHEN)		
Product Name: DRINKSTATION Model Version: Model J Serial Number: 		
Voltage: 120 VAC, 60Hz, 1PH Maximum Current: 10.5AMP Max Power: 1175W Heating Power: 475W Refrigerant: R290 (2.5oz) Refrigerant Lower Flammability Limit : R290: 0.038 kg/m3 Design Pressure Low Side: 145 psig Design Pressure High Side: 300Psig Inlet Waer Temperature: 41 °F (min.) - 85 °F (max.) Inlet Water Pressure: 45 psig (min.) - 80 psig (max.) Water Pump and Compressor Motor Thermally Protected		
WARNING		AVERTISSEMENT
Electrocution Hazard Authorized Personnel Only		Risque d'électrocution Réservé au personnel autorisé
DO NOT OPEN		NE PAS OUVRIR
 UL-CCIC SA46109  Intertek 5014468  Intertek 5014468		CONFORMS TO UL STD 60335 CONFORMS TO UL STD 399 CERTIFIED TO CSA STD C22.2 #120 CONFORMS TO NSF/ANSI STD.18 CONFORMS TO NSF/ANSI/CAN STD. 372

FIG. 5 Manufacturer rating label (sample), located on the rear panel.



Serial Number

Record the serial number shown in the rectangular window of the manufacturer plate and report it to the manufacturer whenever technical support is needed. The serial number is also displayed at the bottom of the touchscreen when the DRINKSTATION is on and connected.

Certifications

Standard	Description
UL 60335-1	Safety of household and commercial electrical appliances — general requirements.
UL 60335-2-89	Requirements for commercial refrigerating appliances with a flammable refrigerant circuit (R290).
CSA C22.2 No. 60335-1 / -2-89	Canadian harmonized equivalents for general and flammable-refrigerant DRINKSTATION safety.
UL 399	Drinking water coolers — electrical and mechanical hazards.
CSA C22.2 No. 120	Refrigeration / cooling equipment, including water coolers.
NSF/ANSI 18	Manual food and beverage dispensing equipment — sanitation, material safety, cleanability.
NSF/ANSI/CAN 372	Lead-content compliance for drinking-water system components ($\leq 0.25\%$ lead).

	Certification Status Standards listed are those to which the DRINKSTATION is designed. Specific listings, including UL/CSA 60335-2-89 for the flammable-refrigerant circuit, are confirmed on the manufacturer's rating label and certification body's published records prior to sale. Currently, UL 399 / CSA C22.2 No. 120 certification is in the final stage of issuance.
---	--

FCC and ISED (Radio) Compliance

The JuLi 5.0 contains Wi-Fi and 4G/LTE radio modules (intentional radiators). The FCC identifier and the ISED certification (IC) number for these modules are provided on compliance labels affixed to the rear of the DRINKSTATION equipment, marked “Contains FCC ID: ...” and “Contains IC: ...”.

	FCC Part 15 Statement 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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
	ISED Canada Statement This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-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. L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'ISDE applicables aux appareils radio exempts de licence.

California Proposition 65**⚠ WARNING — California Proposition 65**

Cancer and Reproductive Harm.

For more information, go to www.P65Warnings.ca.gov.

The same warning label is on the Product and on the Packaging. This Warning is required by the State of California to meet proposition 65 requirements.

Safeguards



WARNING — THIS DRINKSTATION CONTAINS FLAMMABLE REFRIGERANT (R290 / PROPANE)

Risk of fire or explosion. Keep open flames and ignition sources away from the DRINKSTATION equipment. Do not pierce or burn the refrigerant circuit. Do not use mechanical devices to accelerate defrosting other than those recommended by the manufacturer.

If a refrigerant leak is suspected: ventilate the area immediately, do not operate electrical switches or devices, and contact qualified service personnel. See "Refrigerant Handling" for full instructions.

AVERTISSEMENT — Cet appareil contient un fluide frigorigène inflammable (R290). Risque d'incendie ou d'explosion.



TO REDUCE THE RISK OF ELECTRIC SHOCK, FIRE, AND/OR PERSONAL INJURY, READ THIS MANUAL CAREFULLY.

- Connect and operate the JuLi 5.0 only in accordance with the specifications on its warning label and in this manual.
- Do not immerse the power cord, plug, or DRINKSTATION in water. Do not use a household extension cord. Plug directly into a wall outlet rated 110–120 V~, 60 Hz, 15 A. A GFCI outlet is recommended.
- Indoors use only. Do not install outdoors.
- Do not operate with a damaged cord or plug. A damaged supply cord must be replaced by the manufacturer or its service agent using an approved original cord; a non-original cord may cause damage and voids against the warranty.
- If the DRINKSTATION malfunctions, is dropped, or is damaged, unplug it immediately and return it to the manufacturer for repair.
- Do not place the DRINKSTATION equipment, cord, or plug on or near stoves or other hot surfaces.
- Always unplug the power cord when the DRINKSTATION is unused for an extended period, when relocating, or before cleaning.
- Leave at least a 4-inch gap on all lateral sides between the DRINKSTATION and the wall for ventilation. Do not install inside a closed cabinet or enclosed area; without proper air circulation, the refrigeration system will fail.
- Children and persons with reduced capabilities must be supervised by a responsible person, because the DRINKSTATION can dispense water at very high temperatures. ADULT SUPERVISION REQUIRED.
- There are no user-serviceable parts inside. Never open or disassemble the DRINKSTATION. In case of malfunction, call the manufacturer at 1 (844) 928-9288. Repairs must be performed only by the manufacturer or its qualified personnel; unauthorized service voids the warranty.
- Use of non-original or third-party parts could cause permanent malfunction, property damage, and/or personal injury, including death.
- Misuse this DRINKSTATION may cause failure, property damage, and personal injury, including death from electric shock, and may contaminate the materials used in the DRINKSTATION. Connect the DRINKSTATION to a potable water supply using the water line (provided).
- Water-pipe connections and fixtures connected to a potable water supply must be sized, installed, and maintained in accordance with federal, state, and local codes.

Electrical System

Supply	110–120 V~, 60 Hz, single-phase
Branch Circuit	15 A minimum; GFCI outlet recommended
Maximum Running Current	10.5 A
Circuit Breaker	15 A, 125/250 V~ — reset via the Power Reset Button on the rear panel



Breaker Reset

In case of a breaker trip, reset only once. If it trips again shortly after, stop using the DRINKSTATION and return it to the manufacturer for maintenance.

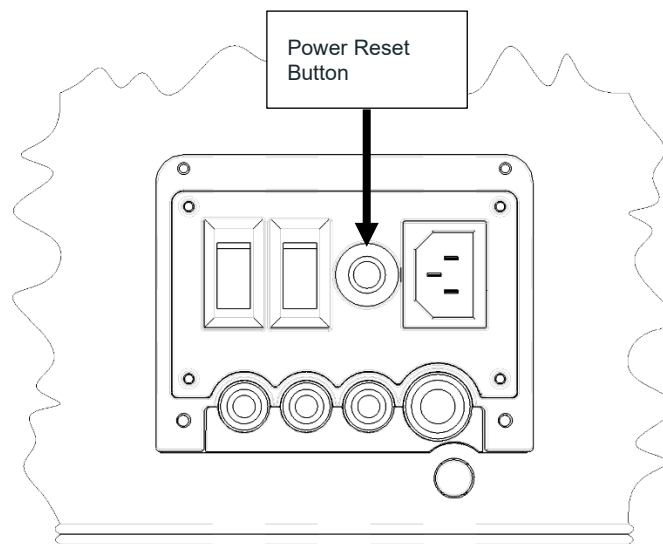


FIG. 5 JuLi 5.0 — Rear Connection Panel: Power Reset Button

Important Instructions

- Ensure installation complies with all federal, state, and local laws, building codes, and any office, apartment, or condominium rules.
- Use only the ActiFilter and Mineral Alkaline Chamber pH+. The manufacturer accepts no liability for misuse or modification of the filter, or for use of different filtration systems; non-original filters void against the warranty.
- Do not connect the DRINKSTATION and its filtration system to a water supply that is microbiologically unsafe or of unknown quality without adequate pre-treatment and disinfection. Connect to city potable water only.
- If the DRINKSTATION is unused for more than 3 days, dispense at least one bottle of water from each selection. If unused for more than one month, replace the ActiFilter, Mineral Alkaline Chamber pH+, and concentrates/flavors/enhancers before using.
- Inlet water pressure must be between 40 and 80 PSI at the 3/8" supply-line connection. Very low pressure (≤ 40 PSI) or very low flow (< 1 gal/min) can significantly reduce performance, especially for sparkling water. If pressure is low, an additional water reservoir and booster pump is recommended to raise the inlet pressure above the minimum water inlet pressure necessary (i.e., 40psi).
- Due to high flow rate, never use a 1/4" tube to connect the DRINKSTATION or its filtration system to municipal water lines. Use at least 3/8" tube and exclusively the water-line manifold IK-001 included in the Installation Kit inside the JuLi 5.0 box.
- Never share inlet water lines with other DRINKSTATIONS, including but not limited to, ice makers, coffee machines, and refrigerators. Do not connect the DRINKSTATION to the under-sink water line shared with a water tap or faucet: the DRINKSTATION must be directly connected to the water supply using a single/dedicated valve.
- Maximum operating inlet water pressure is 80 PSI (552 kPa), the maximum recommended for a residence or commercial building.
- For indoors use. Recommended room temperature: 41–90 °F.
- ENERGY SAVING: if you do not use hot water at least once a month, switch off the red-hot switch located at the back of the DRINKSTATION.

INSTALLATION



Professional installation Recommended

The JuLi 5.0 does not require a floor drain. Installation should be performed by a qualified installer in accordance with all local codes.

Dimensions, Requirements, and Clearances

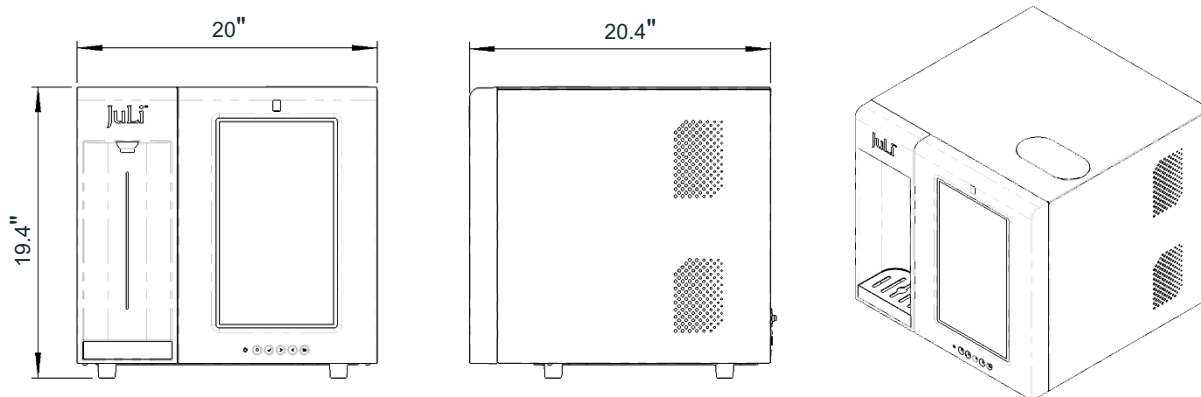


FIG. 6 Front, side, and isometric dimension views – 19.4" H × 20" W × 20.4" D (492.6 mm x 508.5 mm x 519.2 mm).

Requirements

Electrical	110–120 V~, 60 Hz, single-phase; 15 A branch circuit; GFCI outlet recommended.	
Water Supply	Potable (drinking) water only. Dedicated 3/8" supply line recommended; 40–80 PSI operating pressure. Use the included water pressure regulator (Installation Kit).	
	This appliance must be connected to a potable (drinking) water supply only, as indicated by the symbol denoting suitability for such connection.	

Countertop Hole (If Required)

If supply lines are routed under the countertop, drill a single pass-through hole positioned approximately 2 inches behind the unit. Use the following rule consistently — it supersedes any other hole-size reference:

Routing Configuration	Hole / Drill Bit
Water supply AND external CO2 line both routed under the countertop	3/4" hole (3/4" drill bit)
Only the water supply line routed under the countertop	1/2" hole (1/2" drill bit)

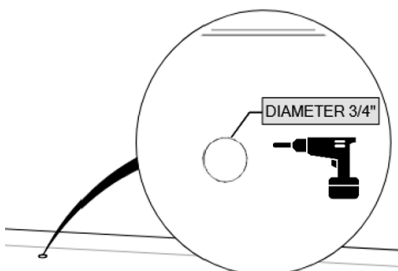


FIG. 7 Drilling the countertop pass-through hole behind the unit.



Hole Sizing

The water line is 3/8" and the CO2 line is 1/4". Final hole placement may vary; adjust as needed to achieve the most suitable routing. If CO2 is not used or is routed externally (not under the counter), only the water line needs a pass-through.

General Clearances Around JuLi 5.0™

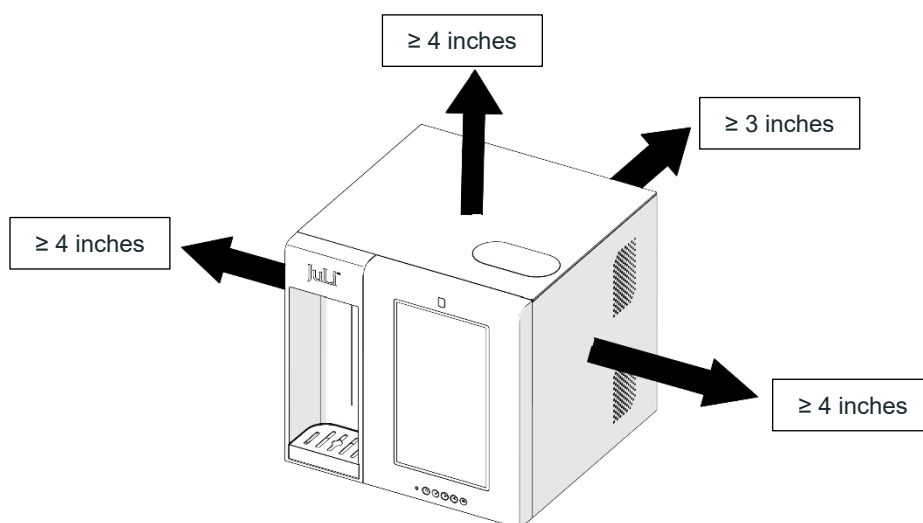


FIG. 8 JuLi 5.0 — Minimum Clearances

Top	≥ 4 in.
Rear	≥ 3 in.
Left Side	≥ 4 in.
Right Side	≥ 4 in.



Keep Ventilation Clear

Keep all ventilation openings clear of obstruction at all times.

During installation, keep the plugs (stems) installed in BOTH the cold and hot drains. Drains should be unplugged only for draining, before transporting the DRINKSTATION.

Filter Access Clearance

If an upper cabinet is present, maintain a minimum clearance of 8.75 inches between the front edge of the countertop and the cabinet above, so the filter cover can open for installation and servicing of the ActiFilter and the Mineral Alkaline Chamber pH+.

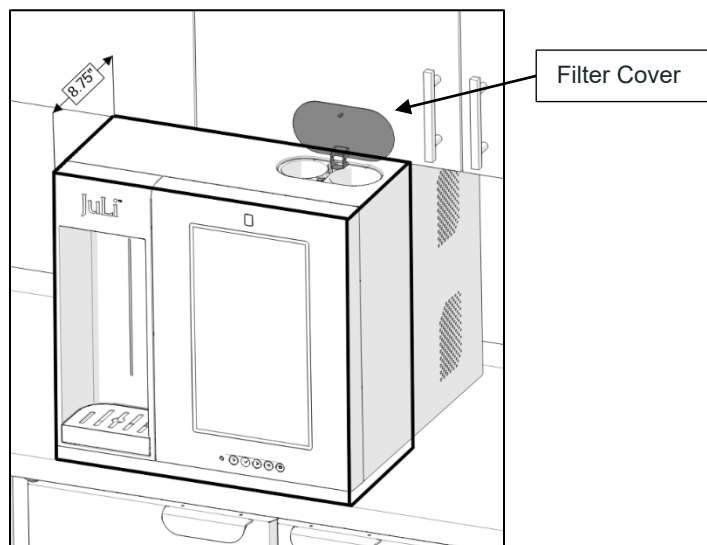
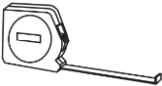


FIG. 9 JuLi 5.0 — Clearance Required for Filter Cover Access

Necessary Tools

Image	Tool	Qty
	Tape measure	1
	Power drill	1
	1/2" or 3/4" drill bit (size per installation configuration — see Countertop Hole)	1
	Scissors	1
	Adjustable wrench	2
	Soft-jaw pliers	1
	1-liter container	1

Unpacking

Carefully unbox the DRINKSTATION and confirm the Installation Kit contents before installation.

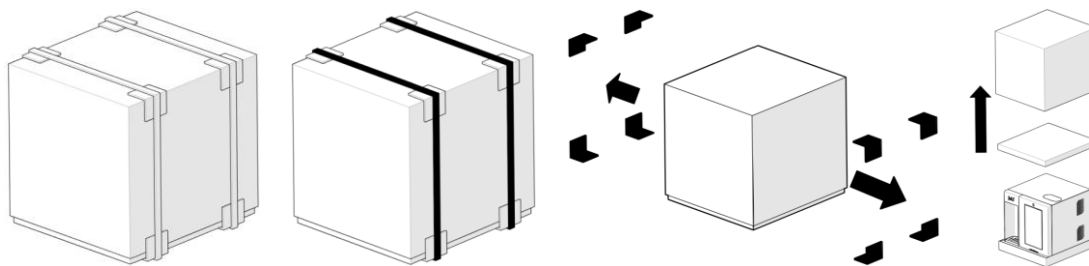


FIG. 10 Unpacking sequence: remove packaging, cut straps, lift the unit cover box, and locate the Installation Kit.

Water Supply Tap



Water Connection

City potable water only. Comply with all local plumbing codes. Use a qualified installer. The JuLi 5.0 withstands 80 PSI maximum; always use the water-pressure regulator (Installation Kit) to lower pressure to 60–65 PSI as provided in the Installation Kit.

Connect to a Cold-water supply tap (41–85 °F). DO NOT CONNECT TO A HOT WATER SUPPLY TAP.

1. Connect the Water Inlet Manifold (IK-001) to the cold-water supply tap; tighten with soft-jaw pliers.
2. If routing under the countertop, drill the pass-through hole per the Countertop Hole rule above.
3. Route the water supply line to the rear of the dispenser, leaving a gentle service loop.

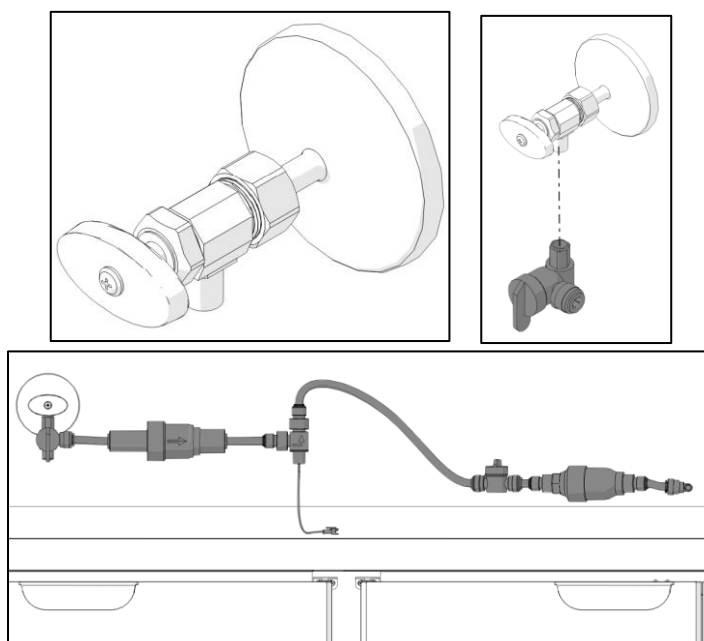


FIG. 11 Water connection: manifold (IK-001) at the tap, and line routing to the unit.

CO2 Supply System

The JuLi 5.0 carbonates water using CO2 from one of two alternative potential sources. The internal CO2 cylinder is always available as an automatic backup, so carbonation continues without interruption when an (optional) external CO2 commercial tank runs empty.

CO2 Source Settings	
External Commercial CO2 Tank (Optional)	When present, the external-tank regulator (CIK-001) must be set to a FIXED 100 psi. This is the primary source of CO2.
Internal CO2 Cylinder (CC-001)	420 g CO2 cylinder sold separately. Factory-set to 97 psi. Serves as the automatic backup source.
Acceptable Operating Range	95–105 PSI, monitored continuously by the Inlet CO2 Pressure Sensor (sensor #4 on page 31 of this manual).



Automatic Source Failover

The Inlet CO2 Pressure Sensor continuously monitors supply pressure. When the external tank is depleted and inlet CO2 pressure falls below the set value, the system automatically switches over to the internal CO2 cylinder (factory-set to 97 psi) so that carbonation continues uninterrupted.

At the moment of switchover, the DRINKSTATION notifies the Manager — an alert is shown on the display and recorded in the Manager UI — indicating that the external tank is empty and should be replaced. After replacing the external tank and confirming the regulator is set to 100 psig, the system returns to the external tank as the primary source.



CO2 Pressure Setting

Set the external regulator to 100 psi — do not exceed the 105-psi operating ceiling. Over-pressurization will not improve carbonation and may trigger a fault. Use Carbon Dioxide UN 1013, food grade only.

External CO2 Tank (optional)



CO2 Tank Handling

Confirm the external commercial CO2 tank is labeled Carbon Dioxide UN 1013, food grade. Use the recommended double-gauge regulator (CIK-001). Secure the tank upright with a chain (sold separately) or restraint at all times.

1. Install the CO2 regulator (CIK-001) onto the external tank valve.
2. Secure the tank upright using the wall mounted bracket (CIK-002).
3. Place the CO2 hanger (IK-012) onto the regulator.
4. Route the CO2 line to the rear of the dispenser using the CO2 inlet manifold (IK-002).

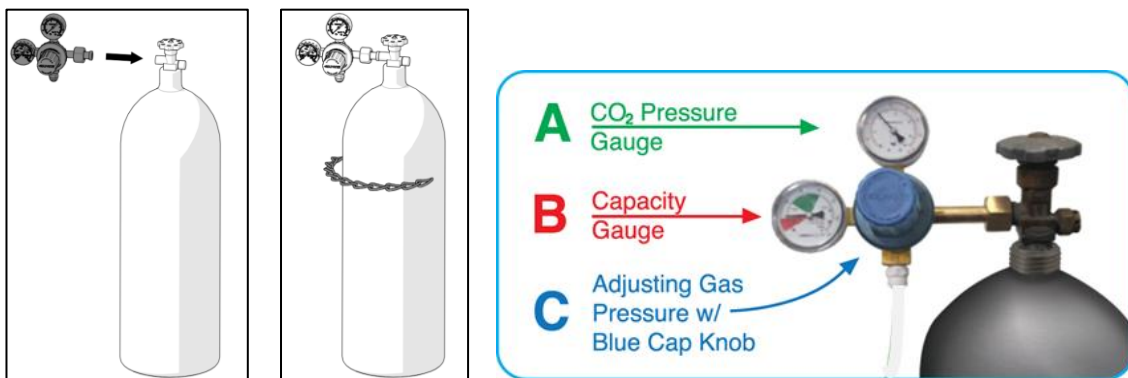


FIG. 12 External CO2 tank: install the regulator (CIK-001), restrain the tank upright (CIK-002), and set the gauges — A: CO2 pressure, B: capacity, C: adjusting knob.

Connecting to the Dispenser

1. Connect the water and external-CO2 supply lines to the matching ports on the rear Connection Panel.
2. Push down to open the Filter Cover.
3. Install the ActiFilter and Mineral Alkaline Chamber pH+ (IK-003): insert and twist clockwise until locked.

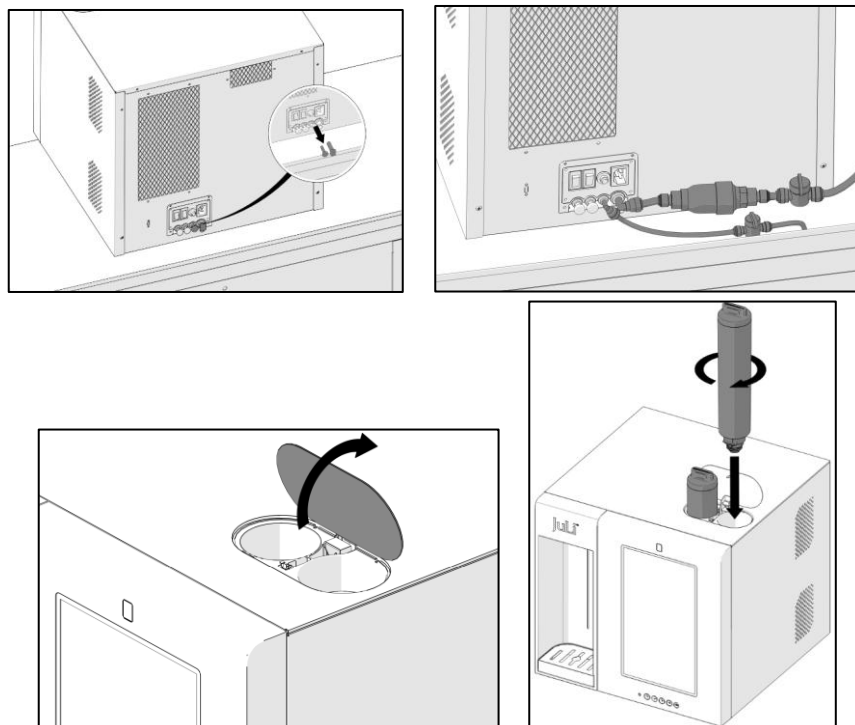


FIG. 13 Connect water and CO2 lines to the rear panel, then open the filter cover and install the ActiFilter / Mineral Alkaline Chamber pH+ (IK-003).

Open Valves and Check for Leaks

- **EXTERNAL CO2 TANK**
 1. Open the CO2 tank valve.
 2. Set the CO2 regulator to 100 psi (fixed).
 3. Read the instructions on the wall-mounted bracket (CIK-002) provided in the Installation Kit.
 4. Check all connections for leaks.
- **WATER SUPPLY INLET**
 1. Open the water supply valve, the 3/8" angle-stop valve, the 3/8" shut-off water valve, and the 1/4" CO2 shut-off valve.
 2. Check all connections for leaks.
- **LEAK DETECTOR ALARM MODULE (IK-009)**
 1. Connect and position the Leak Detector Alarm Module (IK-009) near areas prone to leaks (for example, the water inlet supply tap), based on the installation configuration.
 2. Install a 9V battery into the Leak Detector Alarm Module.

Powering On the Dispenser



Electrical

Connect only to a grounded 110–120 V~, 60 Hz, 15 A branch circuit. The DRINKSTATION must be properly grounded. Do not use extension cords, adapters, or power strips. A GFCI-protected outlet is recommended where permitted.

1. Connect the power cable (IK-010) to the DRINKSTATION and to the outlet.
2. Turn the Main Power Switch to ON. Keep the Red hot switch OFF during this step.

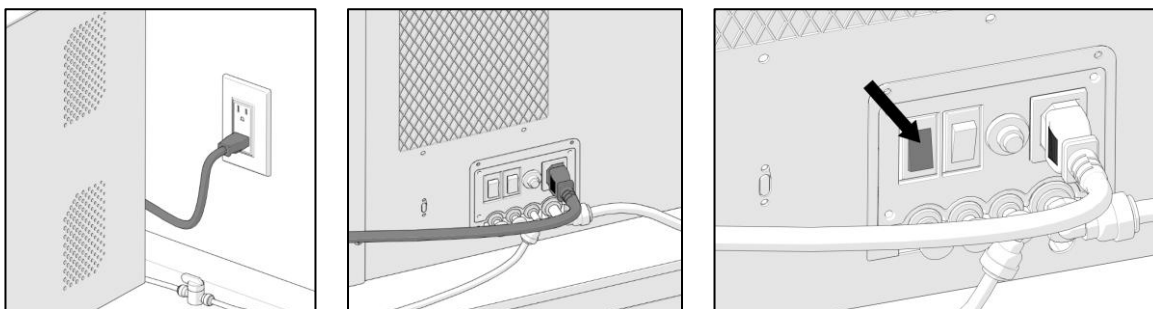


FIG. 14 Connect the power cable to the DRINKSTATION and a grounded outlet, then switch on the Main Power.

AUTO SET-UP (Guided Commissioning)

When first powered on, the JuLi 5.0 launches AUTO SET-UP — a guided commissioning sequence on the touch display. It consists of seven pre-commissioning steps followed by four automated phases. Follow the on-screen prompts; the DRINKSTATION verifies each step before proceeding.

Pre-commissioning steps

1. Network configuration — connect to Wi-Fi or cellular (see Network Configuration).
2. Clock and time-zone configuration.
3. Filter installation with RFID verification — install the ActiFilter and Mineral Alkaline Chamber pH+; the DRINKSTATION confirms genuine consumables by RFID.
4. Water source connection — confirm the water supply is connected, and the valves are open.
5. CO2 source selection and connection — select external tank and/or internal cylinder; confirm the external regulator is at 100 psi and/or the internal cylinder (97 psi) is installed.
6. Consumable loading with RFID verification — load concentrate / flavor / enhancer bottles; the DRINKSTATION recognizes each by RFID.
7. Container placement — place a vessel in the dispensing area (verified by the vessel-presence sensor).

Automated commissioning phases

Phase	Action
1 — Filter Flush	Flushes the new ActiFilter and Mineral Alkaline Chamber pH+ until output water quality is verified.
2 — Chiller Bucket Fill	Automatically fill the chiller bucket to the level set by the chiller bucket level sensor.
3 — Hot Tank Fill	Fills the hot water tank; the red-hot switch located at the back of the DRINKSTATION may then be turned on to begin heating.
4 — Flavor Line Priming	Primes each flavor / concentrate / enhancer line so the first dispense is accurate.


Completion

When all phases are completed successfully, the display confirms that the DRINKSTATION is ready. If any check fails, the display reports the issue and how to resolve it. For assistance, call 1 (844) 928-9288.

Startup

After AUTO SET-UP, the dispenser performs a final initialization, checks installation, and notifies you of any issues. Follow the on-screen instructions to complete the startup.


CONGRATULATIONS — Installation Complete

Your JuLi 5.0 is ready to use. For any questions, contact Technical Support at 1 (844) 928-9288.

Network Configuration

The JuLi 5.0 connects to DRINKSTATION Connected™ over Wi-Fi or 4G/LTE cellular for telemetry, predictive maintenance, automated consumable ordering, and over-the-air (OTA) software updates. Network setup is performed from the Service UI (six-digit default code: 222222) or during AUTO SET-UP.

1. Open the Service UI and select Network.
2. Choose Wi-Fi and select your network, then enter the password using the on-screen keyboard. Alternatively, select Cellular to use the built-in 4G/LTE module.
3. Run the connection test. If Wi-Fi is unavailable, the DRINKSTATION automatically falls back to cellular where service is available.


For IT Departments

The DRINKSTATION makes outbound HTTPS connections (TCP 443) to DRINKSTATION cloud endpoints (for example, *.drinkstation.com). No inbound ports are required. See "Network, Privacy, and Data" for firewall and data handling details.

OPERATION

Dispensing a Beverage

All beverages are dispensed from a single nozzle. Place a vessel on the drip tray, make your selection on the 15.6-inch touch display (or scan a QR code), and the DRINKSTATION dispenses automatically.

1. Place your cup or bottle on the drip tray, centered under the nozzle. The vessel-presence sensor confirms a container is in place.
2. Select a beverage type — still, sparkling, or hot — then choose any flavor, enhancer, and/or concentrate. You can select all 6 options, each at different levels of intensity (low, medium, high).
3. Select your serving size and press POUR. To stop early, press STOP at any time. Or you can select a specific quantity (see customization at the bottom of the screen).
4. Remove your vessel once dispensing completes.



FIG. 15 On-screen dispensing: customize your drink, then pour.



Sparkling Beverages

Carbonation level is regulated automatically. The internal CO2 regulator is factory-set and self-regulating — there is no need to manually increase pressure during normal use. If carbonation seems weak, see “Technical Support” rather than adjusting the regulator beyond its set value.



Hot Water

Hot water is dispensed at up to 190 °F. Keep hands clear of the nozzle during a hot dispense and supervise children.

User Interfaces and Access Levels

The JuLi 5.0 provides several interface levels. Consumer and ADA interfaces are always available. Manager, Service, and Engineering interfaces are protected by access codes and are intended for trained personnel only.

Interface	Access Code	Intended User	Typical Functions
Consumer	— (open)	Any user	Beverage selection and dispensing
ADA Panel	— (open)	Users needing accessible controls	Tactile, lowered controls; audio guidance
Manager	111111	Site manager	Cleaning and flushing cycle, consumable resets, usage reports, alerts
Service	222222	Service technician	Network setup, diagnostics, sensor calibration, AUTO SET-UP
Engineering	manufacturer's code	Factory / authorized engineer	System configuration and firmware tools



Change Default Codes

Default access codes of six-digits (111111 / 222222) should be changed during commissioning, if necessary. Record new codes in a secure location; lost Manager codes can be reset only by authorized service. Call 1-844-928-9288.

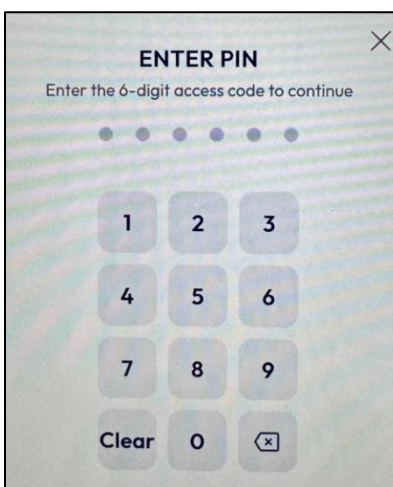


FIG. 16 PIN entry screen for protected interfaces (Manager / Service / Engineering).

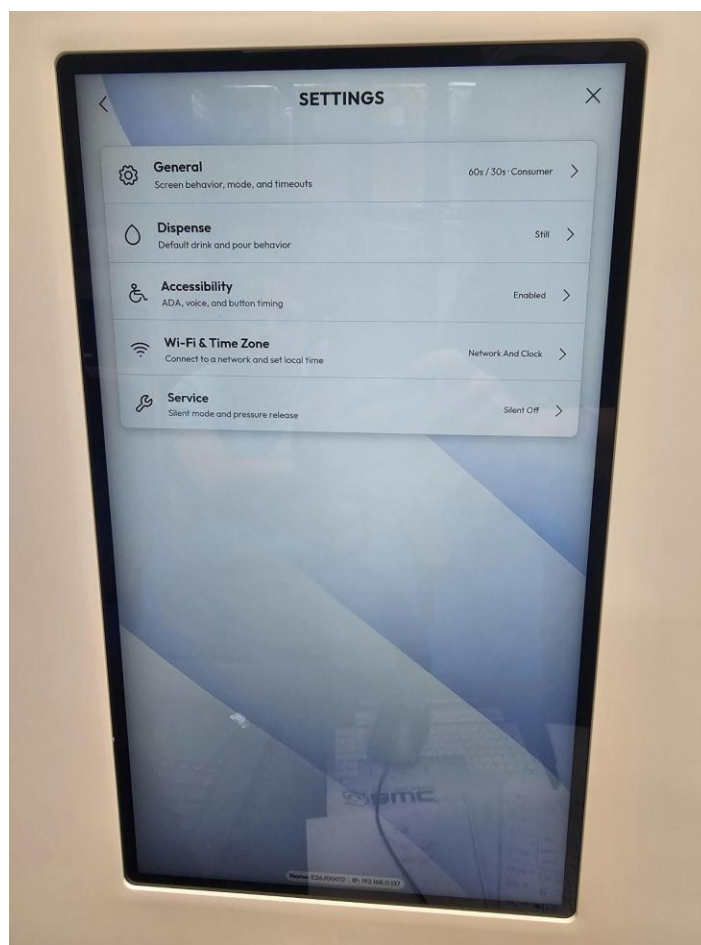
Manager UI (111111)

ITEM	DESCRIPTION
WATER INLET	Displays real-time inlet water pressure measured at the dispenser supply connection. If pressure falls below the minimum operating threshold, the system will enter an “OUT OF SERVICE” state.
FILTER STATUS	Monitors remaining service life of the Alkaline Chamber and Actifilter. A warning notification is displayed when capacity reaches the predefined threshold (90%). Upon depletion (0%), the system will enter an “OUT OF SERVICE” state.
CO ₂ SUPPLY	Displays CO ₂ supply pressure from either internal or external sources. If pressure drops below the required level, the sparkling water dispensing function will be automatically disabled.
ALKALINE CHAMBER	Provides access to detailed status of the alkaline filter module. Selecting this option displays usage data and guided replacement procedures.
ACTIFILTER MODULE	Provides access to detailed status of the main filtration module. Selecting this option displays usage data and guided replacement procedures.
INTERNAL CO ₂ CANISTER	Indicates the status and pressure level of the internal CO ₂ canister. Alerts are generated when levels approach minimum operating thresholds.
FLAVOR SLOTS (1–6)	Displays status of individual flavor cartridges installed in slots 1 through 6. Selecting a slot provides remaining volume and replacement instructions.
DOOR UNLOCK FUNCTION	Activates the electronic door release mechanism, allowing access to internal components for maintenance and replacement.



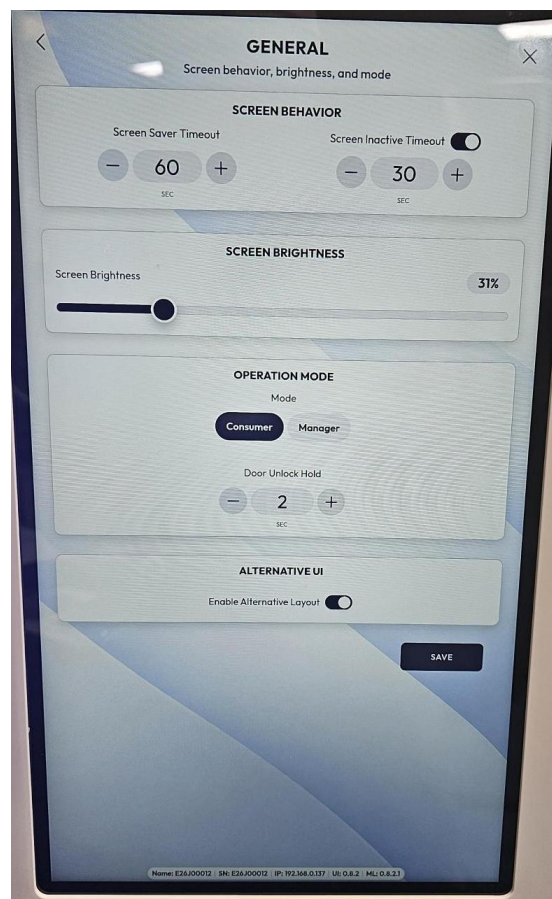
Service UI (222222)

MENU CATEGORY	DESCRIPTION
GENERAL	Configures user interface behavior, including display brightness, button layout configuration, and system timing parameters (e.g., delays and screen timeouts).
DISPENSE	Defines dispensing preferences, including the default beverage selection upon screen activation and configurable pour parameters.
ACCESSIBILITY	Adjusts accessibility features to comply with ADA requirements, including voice output volume and user interface timing parameters (e.g., delays and timeouts).
WI-FI & TIME ZONE	Provides network configuration for wireless connectivity and allows setting of the system's local time zone.
SERVICE	Enables maintenance functions, including silent mode activation and system pressure release procedures for safe servicing.



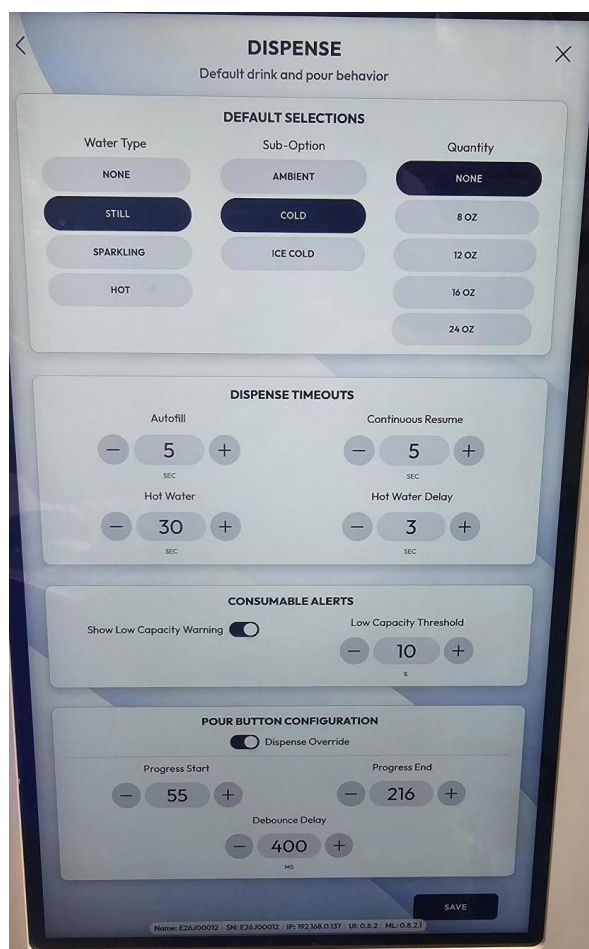
Service UI – General

MENU CATEGORY	DESCRIPTION
SCREEN BEHAVIOR	Adjust the screen saver timeout Toggle to enable or disable the Screen Inactive Timeout Adjust the timeout
SCREEN BRIGHTNESS	Use the slider to adjust the screen brightness
OPERATION MODE	Consumer Mode: Displays on-screen notifications when flavors are out of stock Manager Mode: Sends email notifications when flavors are out of stock and removes unavailable flavors from the user interface Door Unlock Hold: Configures the required press-and-hold duration for the door unlock function
ALTERNATIVE UI	Modify the layout and arrangement of on-screen dispensing buttons



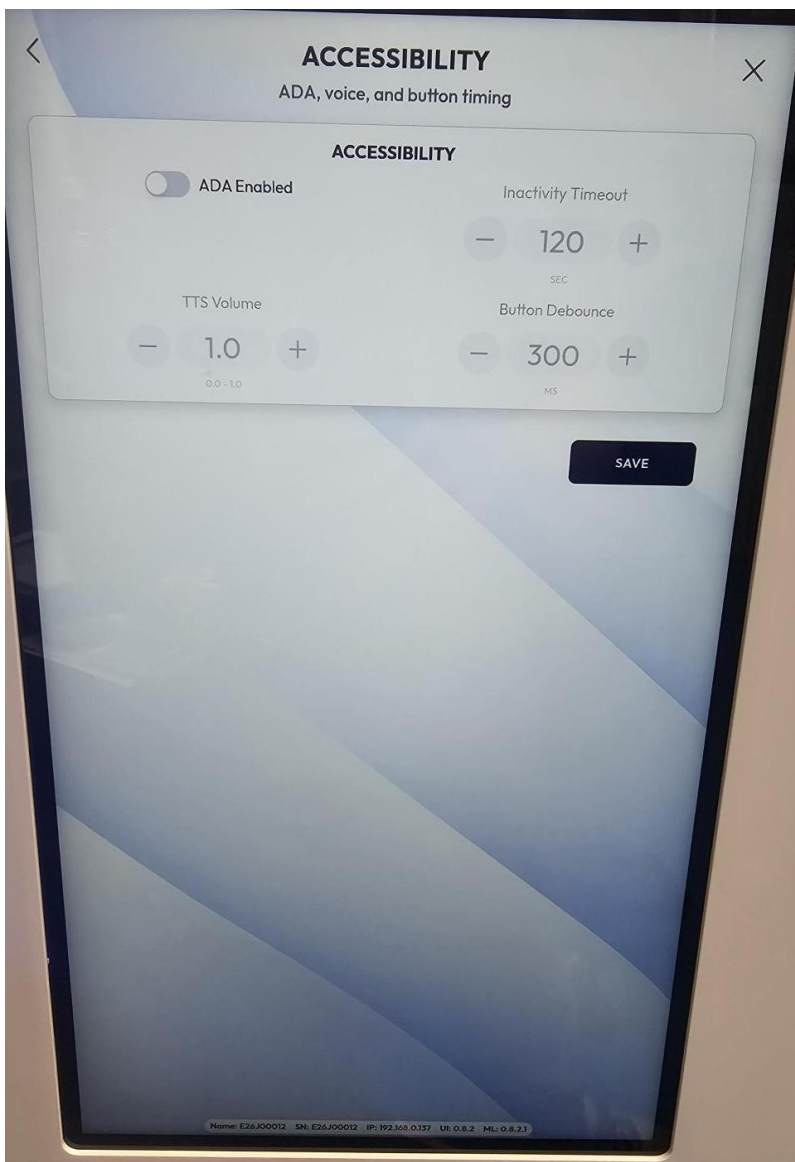
Service UI – Dispense

MENU CATEGORY	DESCRIPTION
DEFAULT SELECTIONS	- Select the Water Type and associated options - Defines the default beverage selection when dispensing completes or when the system exits screen saver mode
DISPENSE TIMEOUTS	- Configure the timeout interval for dispensing controls - Determines when the interface returns to the default selection after the user releases the dispensing button
CONSUMABLE ALERTS	- Available only in Consumer Mode - Displays a low-capacity warning indicator adjacent to flavor options that fall below the configured threshold
POUR BUTTON CONFIGURATION	Progress Start: Progress End: Debounce Delay: Adjustable delay time after button press (only the touch screen)



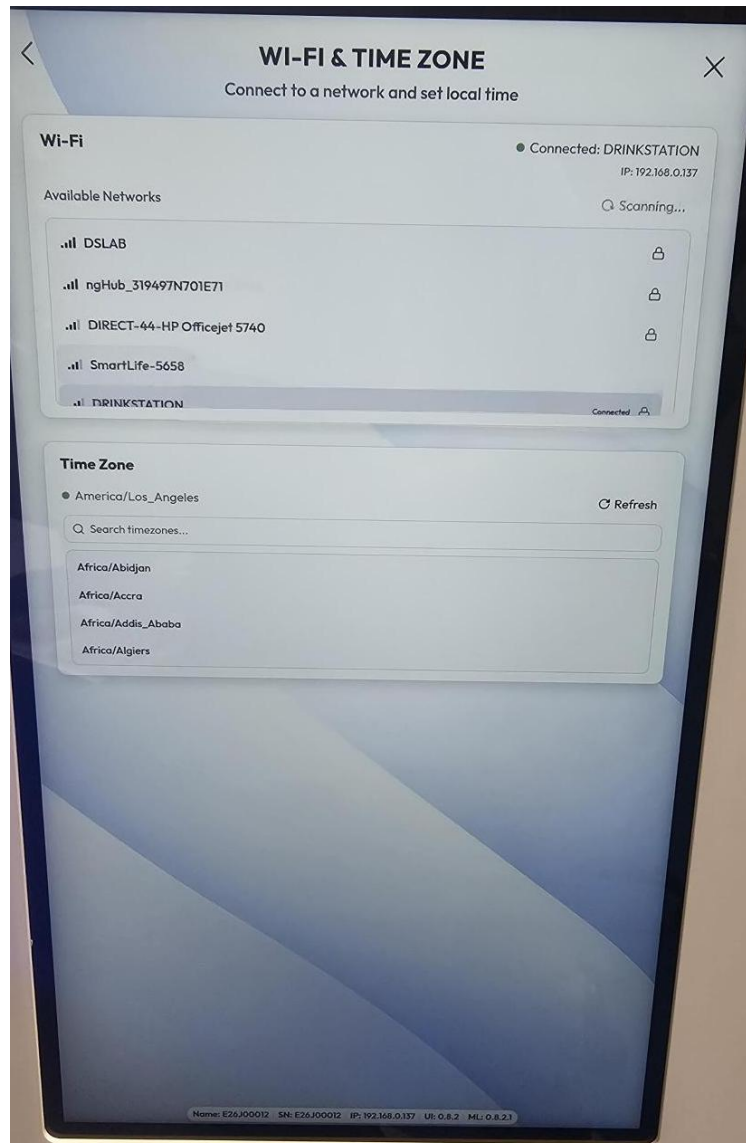
Service UI – Accessibility

MENU CATEGORY	DESCRIPTION
ACCESSIBILITY	Toggle the ADA Enabled option. TTS Volume: Adjusts the speaker/headset volume output. Inactivity Timeout: Adjusts the duration for when it exits to default selection. Button Debounce: Adjustable delay time after button press (only ADA buttons)



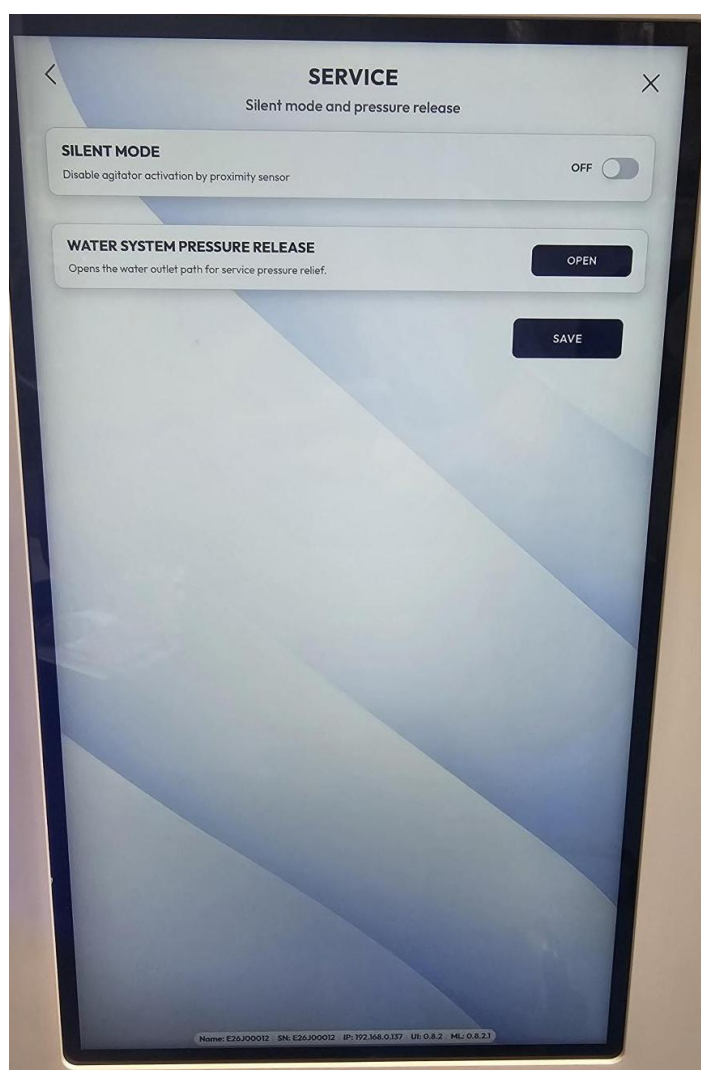
Service UI – Wi-Fi & Time Zone

MENU CATEGORY	DESCRIPTION
Wi-Fi	Select and connect to the Wi-Fi
Time Zone	Select the appropriate time zone.



Service UI – Service

MENU CATEGORY	DESCRIPTION
SILENT MODE	• Toggle ON to disable agitator activation via the proximity sensor • The agitator will continue to operate as required to maintain proper water chilling performance
WATER SYSTEM PRESSURE RELEASE	• Select “OPEN” and follow on-screen instructions to initiate pressure release • Primarily used for troubleshooting or system uninstallation • All internal valves will open, allowing water to discharge through the nozzle until system pressure is fully relieved



ADA Control Panel

The ADA control panel provides accessible operation for all primary beverage functions. Controls are positioned within accessible reach ranges and provide tactile feedback.

- Audio output is available through a standard 3.5 mm headphone jack (for privacy) or through the built-in external speakers.
- High-contrast display mode and adjustable on-screen text size.
- All primary dispensing functions are operable with one hand and without tight grasping, pinching, or twisting of the wrist.

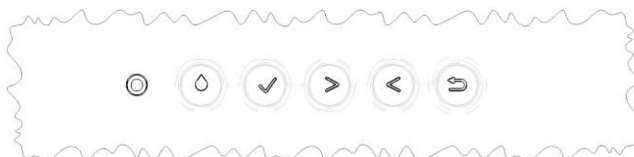


FIG. 15 ADA control panel: tactile dispense, confirm, navigate, and return buttons with an audio jack.

IMAGE	OPERATION	DESCRIPTION
	Speaker Jack Port	Plug in speakers or headphones to hear menu options and selections.
	Dispense Button	Press to dispense the selected beverage.
	Confirm Selection Button	Press to confirm your selection.
	Right Navigate Button	Cycle right through the options
	Left Navigate Button	Cycle left through the options
	Return Button	Go back to previous selection



Accessibility Standards

The ADA control panel is designed to align with the 2010 ADA Standards for Accessible Design, ICC A117.1, and the reach-range provisions of Section 703.3. Final installed compliance depends on correct countertop height and clearances — see “Installation.”

Drip Tray and Anti-Flooding

The removable drip tray collects spillage and incidental drips. A version of this DRINKSTATION includes a vessel-presence sensor (which confirms a container before dispensing).



Drip-Tray Full – Drain Line

If the drip tray is full, remove it, empty it, rinse it, and place it back. For intense output in unmonitored units, the manufacturer recommends setting up a drain line underneath the drip tray, by drilling the base of the drip tray as indicated.



Anti-Flooding

Two internal overflow and water leaking sensors are appropriately located inside the DRINKSTATION. If detecting overflow or water leaks, the display will indicate to the user that the DRINKSTATION cannot operate, and it is automatically set out of service, while an alarm will be sent via DRINKSTATION Connected.

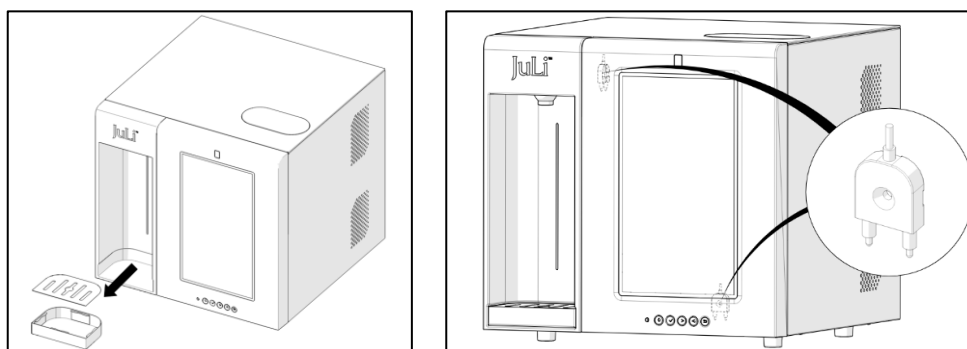


FIG. 16 Left: removable drip tray. Right: location of the two internal overflow and water leaking sensors that place the unit Out of Service on a leak.

SENSORS AND CONTROL SYSTEMS

The JuLi 5.0 continuously monitors itself through an integrated network of sensors and control systems. Together, these protect water quality, manage temperature and pressure, prevent leaks and overflows, and enable automatic switchover of the CO2 supply. The principal sensors are shown below and described in the table that follows.

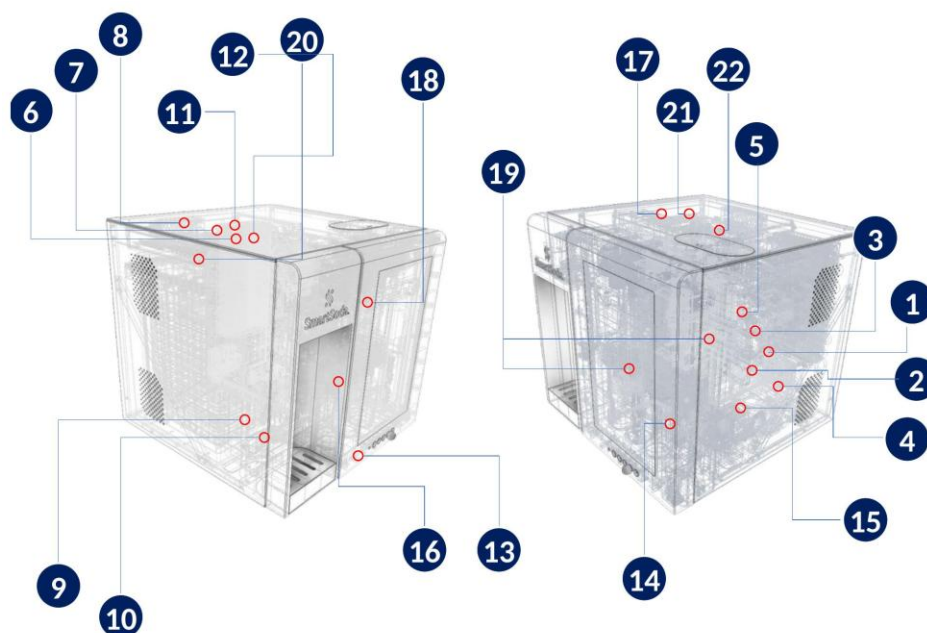


FIG. 17 Principal sensor and control-system locations within the JuLi 5.0 (numbered callouts correspond to the table below).

#	Sensor / System	Function
1	Inlet Water Quality Sensor	Measures the quality of incoming supply of water.
2	Outlet Water Quality Sensor	Measures treated water quality to verify filter effectiveness.
3	Inlet Water Pressure Sensor	Monitors supply pressure; optimal operating band 60 PSI $\pm$ 20 PSI.
4	Inlet CO2 Pressure Sensor	Detects low external CO2 pressure and triggers automatic switchover to the internal CO2 cylinder, notifying the Manager.
5	Inlet Water Temperature Sensor	Verifies inlet water below 95 °F; raises an alarm if exceeded.
6	Refrigerator Sensor (NTC1)	Controls activation and deactivation of the compressor and fans.
7	Anti-Freezing Sensor (NTC2)	Disconnects the compressor if the ice layer exceeds the set value.
8	Agitator Sensor (NTC3)	Defines the operating boundaries of the agitator function.
9	Hot Tank NTC	Monitors the upper and lower temperature limits of the hot water tank.
10	Thermistor (on/off)	Disconnects the hot water tank if its temperature exceeds the set value.
11	Chiller Bucket Level Sensor	Controls automatic filling of the chiller bucket.

#	Sensor / System	Function
12	Chiller Bucket Overflow Prevention Sensor	Backup protection if sensor 11 fails; prevents water overflow.
13	User Proximity Sensor	Wakes the DRINKSTATION automatically from sleep mode when a user approaches the DRINKSTATION.
14	Leak Detector	Shuts off the unit and raises an alarm for detection of an internal water leak.
15	Water Flow Meter	Measures water flow rate during dispensing.
16	Door Sensor	Detects whether the service door is open or closed. It might disable dispensing when the door is open.
17	Electric Current Detection System	Verifies correct operation of each electrical component (solenoid valves, water pump, peristaltic pumps).
18	QR Code Reader Camera	Activates dispensing from a scanned QR code.
19	RFID System	Automatically recognizes eight (8) different consumables: the six (6) glass bottles, the ActiFilter, and the Alkaline Mineral Chamber pH+.
20	Agitator Speed Feedback	Provides feedback that allows agitator speed variation.
21	Electronic Box Sensor	Activates two supplemental rear cooling fans at a set temperature.
22	HMI Temperature Sensor	Automatically activates a dedicated HMI cooling fan at a different spin when the HMI's temperature starts rising.

Out-of-Service and Safety Modes

Several conditions cause the JuLi 5.0 to enter a protective state in which dispensing is paused, or the unit shuts down. These behaviors are intentional and protect the user, the premises, and the DRINKSTATION.

Condition	Sensor / Trigger	DRINKSTATION Response
Internal water leak	Leak Detector (14)	Unit shuts off; alarm sounds; Manager notified.
Chiller overflow	Overflow Prevention Sensor (12)	Filling stops; backup to the level sensor (11).
High inlet water temperature	Inlet Water Temp Sensor (5)	Alarm; operations may be inhibited until normal.
Hot tank over-temperature	Thermistor (10) / Hot Tank NTC (9)	Disconnect the hot tank power until the temperature normalizes.
Ice build-up on evaporator	Anti-Freezing Sensor NTC2 (7)	Compressor disconnected to allow defrost.
Low external CO2 pressure	Inlet CO2 Pressure Sensor (4)	Automatic switchover to internal CO2 cylinder; Manager notified to replace external CO2 tank.
Electronic Box overheating	Temperature Sensor (21)	Supplemental fans engage.
Door open during service	Door Sensor (16)	Dispensing might be inhibited; service indication shown.
Low or High inlet water pressure	Inlet Water Pressure (3)	Alarm. DRINKSTATION out of service.
Pour quality inlet water	Inlet Water Quality (1)	Alarm. DRINKSTATION out of service.



Do Not Defeat Safety Interlocks

Never bypass, bridge, or disable any sensor or interlock. Doing so can cause flooding, scalding, or equipment damage and voids the warranty.

Software Updates

The JuLi 5.0 receives over-the-air (OTA) software updates through DRINKSTATION Connected. Updates improve reliability, add beverage options, and deliver security patches.

- Updates download automatically in the background when the DRINKSTATION is connected and idle.
- Installation occurs during a low-use window and typically completes in a few minutes; dispensing is briefly unavailable during installation.
- The current software version is shown in the Service UI under About. It is also shown in a string at the very bottom of the screen. Manual update checks are also available in the Service UI.



Keep The DRINKSTATION Always Connected

For security and reliability, keep the DRINKSTATION connected to the network so it can receive timely updates. Critical security updates may be installed outside the normal window.

DRINKSTATION CONNECTED APP AND USER ACCOUNT

The optional DRINKSTATION Connected app lets users and managers interact with the DRINKSTATION equipment from a smartphone.

For consumers

- Save favorite beverages and start a dispense from your phone via QR code.
- View nutrition and ingredient information for each beverage.

For managers

- Monitor consumable levels and receive automatic reorder alerts.
- View usage reports, cleaning status, and active alerts (including CO2 switchover notifications).
- Manage multiple DRINKSTATIONS across one or more sites from a single dashboard.



Creating An Account

Download the DRINKSTATION Connected app, create an account, and pair the DRINKSTATION equipment by scanning the QR code shown in the Manager UI. Account creation and pairing are optional; the DRINKSTATION operates fully without them.

NETWORK, PRIVACY, AND DATA

Connectivity

The DRINKSTATION connects to Wi-Fi or built-in 4G/LTE cellular. It initiates only outbound connections.

Item	Detail
Protocol	HTTPS (TLS) over TCP 443, outbound only
Endpoints	DRINKSTATION cloud services (for example, *.drinkstation.com)
Inbound ports	None required
Fallback	Automatic Wi-Fi → cellular fallback where service is available

Data Collected

To enable telemetry, predictive maintenance, and automated consumable ordering, the DRINKSTATION collects operational data such as:

- Beverage and dispense counts, consumable levels, and filter/cleaning status.
- Sensor readings, errors, event logs, and software versions.
- DRINKSTATION identifiers and network diagnostics.

Beverage selection data is operational and is not used to identify individual consumers. Manager accounts are associated with the site operator, not with end consumers.

Privacy

- Data handling follows applicable privacy laws, including the California Consumer Privacy Act (CCPA/CPRA) and the New York SHIELD Act, where applicable.
- Operators are responsible for any posted notices required at the point of use.
- Requests regarding data access or deletion can be directed to Smart Soda at 1 (888) 998-9668.

CONSUMABLES AND REPLACEMENTS

This chapter covers the consumables you will replace during normal use: the internal CO2 canister, the external CO2 tank, the ActiFilter and Mineral Alkaline Chamber pH+, and the flavor, enhancer, and concentrate bottles. The DRINKSTATION tracks each consumable automatically through its RFID system and on-screen alerts.



Automatic Recognition

The RFID system recognizes up to eight (8) different consumables automatically. When a consumable runs low or expires, an alert will pop up on the display and, if configured, in the DRINKSTATION Connected app.

Replacing the Internal CO2 Canister

The internal CO2 cylinder (part CC-001) holds 420 g of gas and is factory-set to 97 PSI. It serves as the automatic backup carbonation source if the external commercial CO2 tank is empty.



Pressurized Gas

The CO2 canister is under pressure. Do not puncture, heat, or incinerate. Replace only with the specified canister. Always confirm that the system has switched off pressure before disconnecting.

1. When the internal canister is low, a replacement alert will pop up on the display, and the Manager is alerted.
2. Open the service door and locate the internal CO2 compartment.
3. Disconnect the canister from the regulator's fitting.
4. Remove the empty canister and install a new CC-001 canister by screwing into the regulator, hand-tightening the fitting until secure. Then close the door.

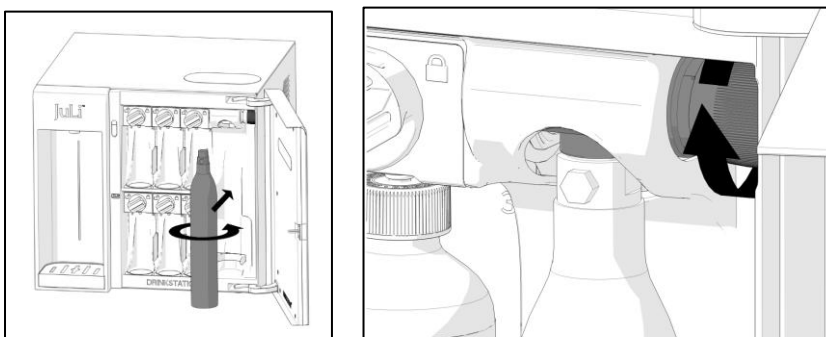


FIG. 18 Replacing the internal CO2 canister: select it on screen, open the compartment, and screw in the new CC-001 cylinder.

Replacing or Refilling the External CO2 Tank

When fitted, an external commercial CO2 tank is the primary carbonation source. Its regulator (CIK-001) is set to a fixed 100 PSIG. The external tank is mounted using the wall bracket (CIK-002).



Automatic Switchover

When the external tank empties, the Inlet CO2 Pressure Sensor detects the drop and the system automatically switches to the internal CO2 cylinder, and a notification will pop up for the Manager. Carbonation continues uninterrupted while you replace the external tank, and the internal CO2 cylinder is not totally depleted.

1. Close the valve on the empty external tank and relieve residual pressure at the regulator.
2. Disconnect the regulator (CIK-001) and remove the empty tank from the bracket (CIK-002).
3. Secure a full tank in the bracket, reconnect the regulator, and confirm it is set to 100 PSIG.
4. Open the tank valve slowly and check for leaks at all connections.
5. The system returns to the external tank as the primary source automatically. Acknowledge the Manager notification on the display.

Replacing the ActiFilter and the Mineral Alkaline Chamber pH+

The ActiFilter removes sediment, chlorine, and taste/odor compounds, while the Mineral Alkaline Chamber pH+ re-mineralizes the treated water. The Outlet Water Quality Sensor monitors filter effectiveness and prompts replacement before performance declines.



Replacement Reminder

When the ActiFilter or Mineral Alkaline Chamber pH+ approaches end of life, a reminder will pop up on the display. Replace both as a set (part IK-003) for best results.

1. Open the service door and locate the filter assembly.
2. Close the inlet water valve and relieve line pressure by dispensing a small amount of still water.
3. Twist out the spent ActiFilter and Mineral Alkaline Chamber pH+ and discard per local regulations.
4. Install the new ActiFilter and Mineral Alkaline Chamber pH+, seating each until it locks.
5. Reopen the inlet water valve, check for leaks, then run the on-screen filter-prime routine.

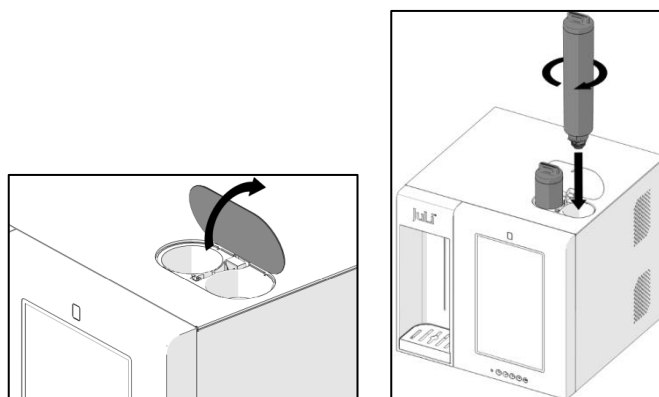


FIG. 19 Replacing the filters: push down to open the filter cover, then insert and twist the ActiFilter and Mineral Alkaline Chamber pH+ until locked.

6. The filter capacity counter in the Manager UI is reset automatically.

Replacing Concentrates, Flavors, and Enhancers

The JuLi 5.0 holds up to six (6) flavors, enhancer, or concentrate cartridges. Each is RFID-tagged, so the DRINKSTATION recognizes it automatically and tracks the remaining volume.

1. When a cartridge runs low, an alert will pop up identifying the specific flavor, concentrate, or enhancer.
2. Open the service door and release the empty cartridge from its compartment.
3. Insert the new cartridge until it seats; the RFID system recognizes it automatically.
4. Confirm the new cartridge appears on the display at a full level, then close the door.
5. If a cartridge - with ingredient A - is swapped with a cartridge of a different ingredient – example ingredient B- the LED light on the front panel will turn blue as soon as the bottle with ingredient B is placed on the slot where the bottle of ingredient A used to be. The UI prompts the Manager to clean and prime the line before the new cartridge with ingredient B is placed in the slot where the bottle with ingredient A prior was. An amber (brown) glass bottle containing the cleaning solution is placed in that slot, and the screen directs the Manager to clean the line. Cleaning happens automatically. After the cleaning, the amber bottle containing the cleaning solution is removed from the slot and the new cartridge (with ingredient B) is placed (the LED light turns automatically white). At that moment the screen prompts the Manager to prime the line. Priming happens automatically and at the end of the priming process the DRINKSTATION is ready to dispense ingredient B.
6. The Manager might decide to skip entirely this “line cleaning process” by disabling the cleaning process in the Manager UI.

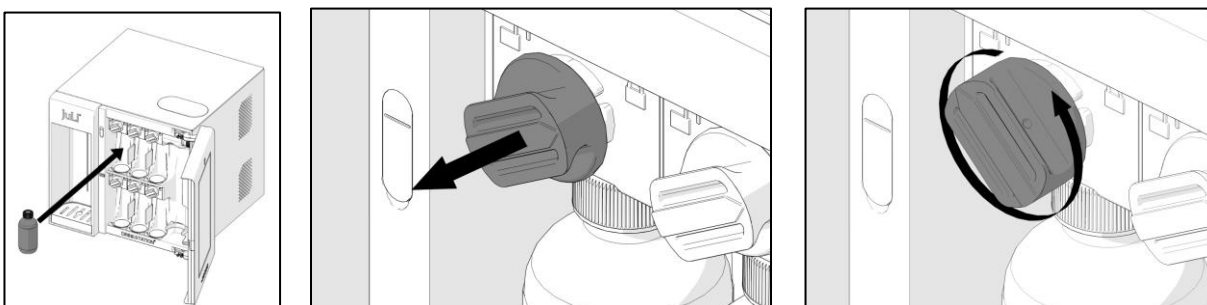


FIG. 20 Replacing a flavor cartridge: open the door from the Manager UI, pull the knob out, and rotate to release; reverse to install.



Use Approved Consumables Only

Use only the manufacturer-approved consumables: cartridges, filters, and CO2 canisters. Unapproved cartridges may not be recognized and dispensed; unapproved filters may not be recognized and correctly flushed out, and, in general, unapproved consumables can damage the DRINKSTATION and present safety or health hazard to consumers.

In addition, the use or the attempted use of unapproved consumables voids the warranty.

CLEANING, FLUSHING, AND MAINTENANCE



Before Any Maintenance

Unless a step states otherwise, switch off the DRINKSTATION and disconnect it from power before cleaning or servicing the DRINKSTATION. Never spray water or cleaner directly into vents, the display, or the connection panel at the back of the DRINKSTATION. Do not use chemicals such as cleaners containing chloride, chlorine, bleach solutions, concentrated soaps, water with high salinity, hydrochloride acid, because they might cause corrosion and discoloration.

Routine Cleaning

Keep exterior surfaces and the dispensing area clean to maintain hygiene and appearance.

- Wipe exterior surfaces and the touch display with a soft, damp cloth. Do not use abrasive pads or solvent cleaners.
- Clean the nozzle area daily with a food-safe cleaning wipe. Hydrogen Peroxide (3% solution) is recommended.
- Remove, empty, and rinse the drip tray; reseal it until the sensor registers it.

Areas of Maintenance

Interval	Task
Daily	Wipe nozzle and dispensing area; empty and rinse drip tray; wipe display and exterior.
Daily	Check the display for any active alerts or low-consumable notifications.
Weekly	Clean the drip tray thoroughly; inspect the dispensing area and grille for residue.
Weekly	Verify clearances and that ventilation grilles are unobstructed.
As prompted	Replace ActiFilter / Mineral Alkaline Chamber pH+, CO2 canister, and flavor cartridges.
Six months	Run the automated cleaning and flushing cycle (see below).
Annually	Hot water tank service and general inspection by a manufacturer's qualified technician.

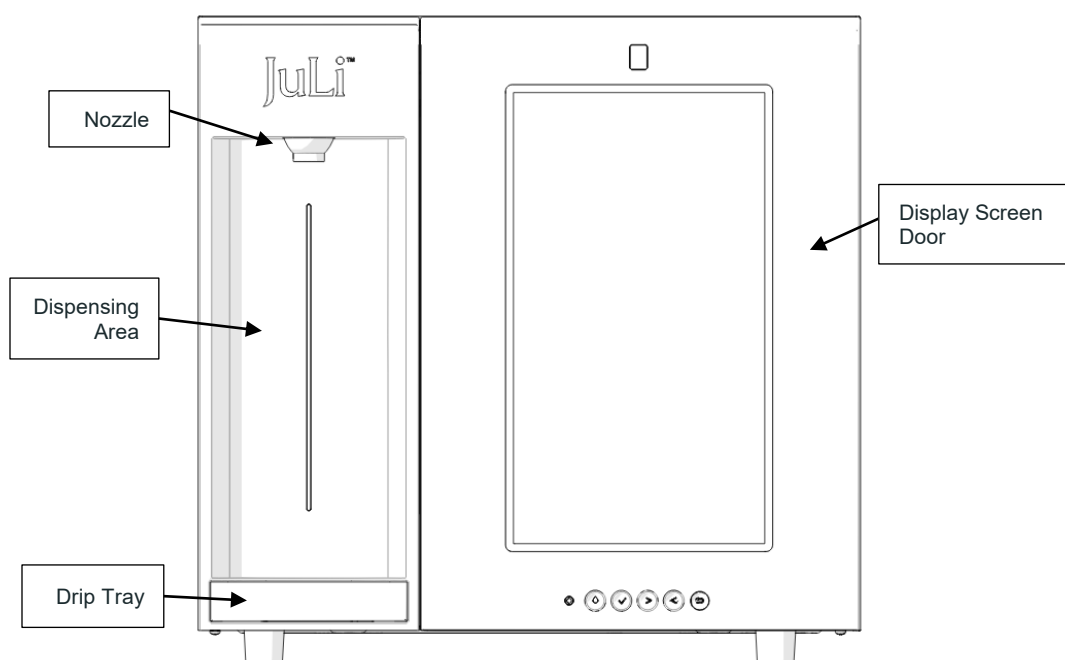


FIG. 21 Routine maintenance areas: nozzle, dispensing area, drip tray, and display screen door.

Automated Cleaning & Flushing Cycle (Every Six Months) – DRINKSTATION connected

The JuLi 5.0 runs an automated internal cleaning and flushing cycle approximately every 183 days (six months). The cycle is initiated and overseen by the site Manager from the Manager UI; the DRINKSTATION performs the cleaning and flushing steps automatically.

	Who Performs This The cleaning and flushing cycle is a Manager UI function. It requires the items contained in the Cleaning & Flushing Kit. Sign in to the Manager UI (default code 111111) to start it. The DRINKSTATION guides you through each step and reports completion; no disassembly is required for a standard cycle.
	For Equipment Use Only — Not For Drinking The amber (brown) glass bottles hold cleaning and flushing solutions for automated internal maintenance only. They are not beverages. Do not drink their contents, dispense them for consumption, or pour them into any serving container. Avoid contact with eyes and skin, keep the bottles tightly closed, and store them out of the reach of children.

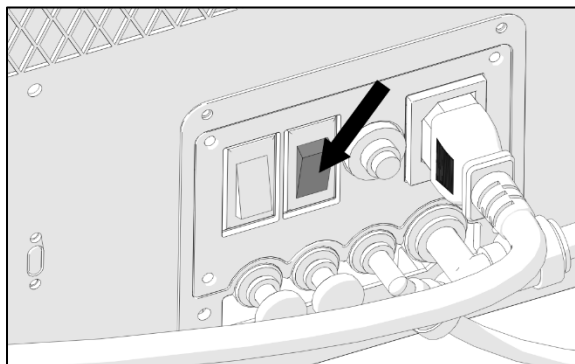
1. Sign in to the Manager UI and select Maintenance → Cleaning & Flushing Cycle.
2. When prompted, confirm that a vessel is located on the drip tray, and the drip tray is empty and seated.
3. Confirm water and CO2 supplies are connected; the DRINKSTATION verifies pressures before starting.
4. Remove all the blue glass bottles with ingredients and replace them with the six amber (brown) glass bottles containing cleaning solution. The cleaning and flushing solutions are always supplied in amber glass, which sets them apart at a glance from the blue glass ingredient bottles.
5. Start the cycle. The DRINKSTATION flushes and cleans the internal ingredient paths automatically.
6. Then the DRINKSTATION prompts the Manager to remove the cleaning bottles and replace them with the amber flushing solution bottles.
7. The DRINKSTATION circulates flushing solution through the six ingredient lines and through the nozzle.
8. In combination with the flushing, the DRINKSTATION might also require replacing the ActiFilter and the Mineral Alkaline Chamber pH+.
9. The screen guides the Manager into multiple steps that include flushing the ActiFilter and the Mineral Alkaline Chamber pH+.
10. A rinse and cleaning phase clears all flushing solutions from the system.
11. The DRINKSTATION runs a verification flush.
12. On completion, the cycle is logged, the six-month timer resets, and the DRINKSTATION returns to service.

	Do Not Interrupt Do not disconnect power or supplies during the cleaning and flushing cycle. If the cycle is interrupted, restart it from the beginning before returning the DRINKSTATION to service.
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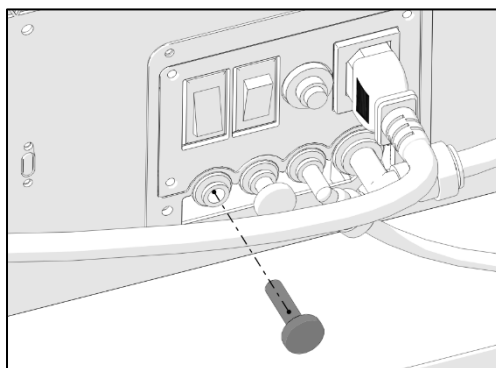
Annual Hot Water Tank Maintenance

Once per year, the hot water tank should be inspected and descaled only by qualified personnel. Scale build-up reduces efficiency and can affect dispense temperature, hot water flow rate, and create unwanted hot water after drips.

1. Switch off the red-hot switch on the back panel. Dispense hot water until it is not hot anymore and allow the hot water tank to cool fully.



2. Then use the hot drain line (at the back) to discharge the water contained in the tank. Remove the stem from the hot water drain and empty the hot water tank. Be careful as the water remaining in the tank might still be very hot.



3. Prepare and add 950 ml of cleaning solution from the drain line into the hot water tank by using a hot water tank inflow system (order separately). To check if the hot water tank is full of solution, dispense hot water until you see solution coming out of the nozzle.
4. Leave the cleaning solution inside for 5 minutes.
5. Press the hot water button and dispense at least 2 gallons.
6. Empty all the liquid from the hot water tank by using the drain line.
7. Repeat step 2 with the flushing solution.
8. Leave the flushing solution inside for 30 minutes.
9. Begin dispensing liquid from the hot water line. You must dispense at least 2 gallons.
10. Empty all the liquid from the hot water tank by using the drain line.

11. Begin dispensing water from the hot water line. This will fill the Hot water Tank with water. Empty the hot tank from the drain line and repeat this process twice to ensure that all the flushing solution is out.
12. Re-enable the red-hot switch and confirm the hot water tank reaches its normal operating temperature.

Leak Detector

The Installation Kit (included in the DRINKSTATION box) contains a Leak Detector (IK-008) designed to continuously monitor external potential water leaks. On detection, it shuts off the water inlet line and raises an audible beeping alarm. The detector activates when water contacts the metal sensing plates, triggering automatic shut-off of the water line. Ensure that the sensing plates are not in contact with a metal surface as the device falsely detects a leak and shuts off the water supply to the DRINKSTATION. Place a paper towel underneath and around the detecting device.

- Periodically confirm the Leak Detector Alarm Module is seated and that its sensing plates contact the base tray.
- After any alarm, identify and correct the source of the leak before returning the DRINKSTATION to service.
- Keep the base tray dry; wipe up any incidental water so the detector reads accurately.
- When the Leak Detector is beeping, follow the instructions and troubleshooting guidelines below:

Problem	Action
Blue light continuously blinking & continuous audible beeping.	After the leakage problem is solved, press the light blue reset button for 5 seconds. The detector will emit a long beeping sound, then resume operation.
Red light continuously blinking & continuous audible beeping.	Replace the 9V Battery. To do so, remove the battery cover on the right side of the control unit and replace the 9V battery.

Refrigerant Handling (Service Personnel Only)



WARNING — FLAMMABLE REFRIGERANT

This DRINKSTATION equipment uses R290 (propane), a flammable refrigerant. Refrigerant service must be performed only by certified technicians using equipment rated for flammable refrigerants, in a well-ventilated area free of ignition sources.

Servicing and maintenance of the sealed refrigerant system, electrical system, and pressurized CO2 components must be performed only by personnel trained and certified for this equipment and for flammable (R290) refrigerants. Improper service can create fire, electrical, or pressure hazards and voids for the warranty. See Appendix D.

Transporting and Relocating the DRINKSTATION

If you need to relocate your JuLi 5.0, prepare it as follows to avoid damage and leaks.

1. Switch the red-hot switch at the back of the DRINKSTATION and dispense hot water continuously until the water is no longer hot.
2. Turn the main water line valve.
3. Turn the main external CO2 valve on the commercial tank.
4. Pour sparkling water for 3 seconds to release CO2.
5. Activate pressure release from Manager UI.
6. Open the door and remove the six (6) cartridges and the internal CO2 cylinder. Then close the door.
7. Disconnect power, water line, and CO2 line.
8. Drain the cold and hot water systems using the labeled drains. There will be approximately a small amount of residual water remaining; have a towel ready.
9. Reinstall the cold water and hot water drain plugs before moving.
10. Keep the DRINKSTATION upright during transport. After relocating, allow it to stand upright before powering on.



Allow Settling Time

Because this DRINKSTATION equipment uses R290 refrigerant, keep it upright and allow it to stand after transport before reconnecting power, so the refrigerant and oil settle.

Battery Disposal

The control board contains a small coin-cell battery that backs up the real-time clock. At end of life, dispose of the battery in accordance with local regulations — do not place it in general waste or incinerate it. Battery replacement should be performed by qualified service personnel.

TECHNICAL SUPPORT

Troubleshooting

Use the table below to resolve common conditions. If a condition persists after the suggested action, note any error code shown on the display and contact technical support.

Symptom	Possible Cause	What To Do
No beverage dispensed	No correct installation. No water flow, or low/high water inlet pressure detected	Open the water line shutoff valve, check for water in the line, and increase water pressure.
Display is dark	DRINKSTATION in sleep mode; no power	Approach to wake (proximity sensor); confirm power and the Power Reset Button.
Sparkling not available	Both CO2 sources low; CO2 line closed	Check external tank (100 psi) and presence of internal canister; open valves; check for leaks.
Water tastes/smells off	ActiFilter at end of life	Replace ActiFilter and Mineral Alkaline Chamber pH+ (IK-003); run filter prime.
No ice-cold / sparkling	Anti-freeze protection or high inlet temp	Allow defrost; verify inlet water below 95 °F; check clearances and ventilation.
No hot water	Red-hot switch off; tank protection tripped	Enable the red-hot switch; allow the hot water tank to reach temperature.
Leak Detector alarm beeping	Water detected. Check for external leaks and reset Leak Detector	Find and correct the leak; dry the base tray; reset the Leak Detector.
Cleaning and flushing required	Six months (183 days) of usage have passed	Order a Cleaning & Flushing Kit and follow the cleaning and flushing process on the screen (Manager UI)
Consumable not recognized	Unapproved or unreadable RFID tag	Use approved consumables; remove and clean or replace the deep-tube cap on the bottle; clean the RFID/contact area.
CO2 switched to internal	External tank empty (normal failover)	Replace/refill the external tank (100 psi); system returns it automatically.
Slow water flow, water pump noisy	Low inlet pressure or clogged filter	Verify inlet pressure (60 psi $\pm$ 20 psi); replace filter if due.
Display overheating warning	HMI temperature high	Ensure ventilation is clear; supplemental fans engage automatically.
DRINKSTATION won't connect	Wi-Fi credentials or signal	Re-enter Wi-Fi in Service UI; cellular fallback engages where available.
Frequent compressor cycling	Blocked ventilation / high ambient	Restore clearances; reduce ambient heat near the unit.
QR scan not starting to dispense	Camera obstructed or code invalid	Clean the scanner window; use a current DRINKSTATION QR code.
Unit tripped / no power	GFCI or breaker trip. Use non-original power cord	Reset GFCI; press the Power Reset Button; if it re-trips, call Technical Support 1-844-928-9288.

Error Code Glossary

Error codes shown on the display map to the DRINKSTATION's sensors and subsystems. Provide the code when contacting support.

Code	Meaning	Related Sensor / System	Suggested Action
E01	Inlet water quality out of range	Inlet Water Quality (1)	Check supply water; service if persistent.
E02	Treated-water quality low	Outlet Water Quality (2)	Replace ActiFilter / Mineral Alkaline Chamber pH+.
E03	Inlet water pressure out of range	Inlet Water Pressure (3)	Verify water supply pressure of 60 PSI $\pm$ 20.
E04	Low CO2 / switched to internal	Inlet CO2 Pressure (4)	Replace or refill external tank (100 PSIG).
E05	Inlet water too warm	Inlet Water Temperature (5)	Ensure inlet water below 95 °F.
E07	Evaporator ice protection	Anti-Freezing NTC2 (7)	Allow defrost; check clearances.
E09	Hot tank temperature fault	Hot Tank NTC (9)	Allow cooling; service if it recurs.
E10	Hot tank over-temperature cutout	Thermistor (10)	Hot tank disabled until normal; check the tank.
E12	Chiller overflow protection	Overflow Prevention (12)	Filling stopped; service the level sensor (11).
E14	Water leak detected	Leak Detector (14)	Unit off; correct leak; dry base; reset.
E16	Service door open	Door Sensor (16)	Close the service door.
E17	Electrical component fault	Current Detection (17)	Note which component; call service.
E19	Consumable not recognized	RFID System (19)	Use approved consumable; reset.
E21	Electronic box over-temperature	Electronic Box (21)	Supplemental fans engaged; clear vents.
E22	Display (HMI) overheating	HMI Temperature (22)	Improve ventilation; allow to cool.

Quick Fixes Before You Call

- Confirm power: check the GFCI outlet and press the Power Reset Button.
- Confirm supplies: water valve open, CO2 valve open, tank not empty.
- Remove any obstruction at the nozzle.
- Note any error code and what the DRINKSTATION was doing when it appeared.

Contacting Support

Two contacts serve different needs. Please call the correct number so we can help you quickly:

Support Contacts	
Technical Support (Manufacturer)	Operation, error codes, and service questions: 1 (844) 928-9288.
Warranty And Parts (Distributor)	Warranty claims, replacement parts, and consumables: 1 (888) 998-9668.

Recycling and End-of-Life Disposal

At the end of life, recycle this DRINKSTATION responsibly. Because it contains an R290 refrigerant and a small battery, it must be handled by a qualified recycler.

- Have refrigerant recovered by a certified technician before disposal.
- Recycle metals, plastics, and electronics through an authorized facility per local regulations.
- Dispose of the backup battery separately per local regulations.

WARRANTY CONDITIONS

This DRINKSTATION is warranted against defects in materials and workmanship under normal use and service for a 12-month period. The warranty is subject to the conditions below.

- Installation, operation, and maintenance must follow this manual and the manufacturer's instructions.
- Do not remove the panels and housing of the DRINKSTATION; there are no user-serviceable parts inside this DRINKSTATION. Doing so may result in electric shock or other injury and will void the warranty.
- Product failure due to improper installation, misuse, unauthorized modification, or unapproved consumables is not covered.
- Service to the sealed refrigerant system, electrical system, or pressurized CO2 components must be performed by the manufacturer's authorized personnel only.
- Routine consumables (ActiFilter, Alkaline Chamber pH+, CO2 cylinder, glass bottles with flavors, enhancers, concentrates) and normal wear are not covered.
- Keep proof of purchase. Warranty claims and requests for spare parts are handled by the distributor at 1 (888) 998-9668.

	This Manual Is Part of the Product Retain this manual for the life of the DRINKSTATION and pass it to any subsequent owner. The current version of the manual may be available through DRINKSTATION Connected or through the Service UI on the unit.
	Warranty Disclaimer of the Manufacturer To the maximum extent permitted by applicable law, all implied warranties, including warranties of merchantability and fitness for a particular purpose, are disclaimed except as expressly provided by your distributor.
	Manufacturer's Limitation of Liability To the maximum extent permitted by applicable law, the manufacturer shall not be liable for any indirect, incidental, or consequential damages, including but not limited to loss of use, loss of profits, or damage to property, arising from the use or inability to use this DRINKSTATION. Some jurisdictions do not allow the exclusion or limitation of certain damages, so these limitations may not apply to you.

LIMITED PARTS WARRANTY

JuLi™ Multi-Beverage Dispensing System — 12-Month Coverage

Offered by Smart Soda Holdings, Inc. to its authorized distributors and end clients.

Coverage At a Glance

What Is Covered	Replacement parts for the JuLi™ system that fail due to defects in materials or workmanship under normal use, when the system is properly installed, used, and maintained.
Coverage Period	Twelve (12) months from the date the unit is delivered. The period runs per unit (by serial number) and is not restarted by any repair, part replacement, or temporary unit.
What You Get	At Smart Soda's option: repair, replacement of the affected part (new or refurbished), or credit. This is your sole and exclusive remedy.
What Is NOT Covered	Labor, on-site service, travel, consumables, and the items listed under "What is not covered" below.
Who Provides It	This warranty is offered by Smart Soda Holdings, Inc. to its distributors and end clients. It is Smart Soda's own commitment.

What Is Covered

During the coverage period, Smart Soda will provide replacement parts for any component of the JuLi™ system that fails because of a defect in materials or workmanship, provided the system has been installed, operated, and maintained correctly. Smart Soda may, at its choice:

- ✓ Repair the affected part;
- ✓ Replace it with a new or refurbished part; or
- ✓ Issue a credit for the affected part or unit.

This is the customer's sole and exclusive remedy.

What Is Not Covered

This warranty covers parts only. It does not cover labor, on-site service visits, technician travel, or shipping (except as noted under "How to make a claim"). It also does not cover:

- ✗ Consumables and wear items: water filters, the six glass ingredient bottles, CO₂ canisters/cylinders and regulators, the alkaline chamber, fuses, O-rings, gaskets, and cleaning or flushing solutions.
- ✗ Damage from improper installation, misuse, abuse, neglect, accident, or use outside the published water, electrical, or CO₂ specifications.
- ✗ Damage from poor water quality (including hardness) or from connecting the unit to a non-potable or non-municipal water source.
- ✗ Cosmetic damage (scratches, dents, scuffs, discoloration) that does not affect operation, and normal wear and tear.
- ✗ Software, firmware, app, or cloud/portal updates, including over-the-air updates.
- ✗ Use of non-approved parts, consumables, or filters, or units installed on vehicles, boats, trailers, or outdoors.

What Voids This Warranty

Coverage is automatically void for a unit if any of the following occurs:

- ✗ Tampering with the unit — removing the cover, door, or front panel, or accessing internal components.
- ✗ Disassembly, reverse engineering, or removal/alteration of factory labels, serial number, or nameplate.
- ✗ Missing the required maintenance — filter replacement and the cleaning and flushing cycles per the manual.
- ✗ Connecting external filters flushed through the unit, or any non-potable water source.
- ✗ Service performed with non-approved parts/consumables, or by personnel not trained under the program.

Owner Responsibilities

To keep coverage valid, the owner/operator must:

- Replace the Actifilter® cartridge and run the cleaning and flushing cycle on schedule (every 6 months or per consumption).
- Use only Smart Soda / DrinkStation approved parts and consumables.
- Operate the unit on a cold potable municipal water supply within the specified pressure range.
- Keep the unit connected to the DrinkStation Connected portal/telemetry so faults can be diagnosed.

How to Make a Claim

Contact Smart Soda toll-free at 1 (888) 998-9668 or visit www.smartsoda.com (or contact your authorized distributor) and provide:

- The unit serial number and the model;
- The delivery date and, if known, the installation date;
- A description of the problem, with photos or video and any error/diagnostic screens where possible.

Smart Soda will acknowledge the claim and, if approved, issue a parts authorization and arrange the replacement part. Failed parts may need to be returned using the label provided; unreturned parts may be invoiced at list price.

Important

This warranty is provided by Smart Soda Holdings, Inc. only. It does not create any rights against, or obligation of, the manufacturer (DrinkStation Holdings Corporation). It is given in place of all other warranties, express or implied, including any implied warranty of merchantability or fitness for a particular purpose, to the fullest extent permitted by law. Smart Soda's total responsibility for any unit will not exceed the amount paid for that unit, and Smart Soda is not liable for any incidental, indirect, or consequential damages (such as lost profits, lost product, or downtime). Some jurisdictions do not allow certain limitations, so some of the above may not apply to you.

Warranty Registration

Complete and retain a copy. Register within 30 days of installation to speed up any future claim.

Customer / Account Name	
Installation Address	
Distributor (Seller)	
Unit Serial Number(S)	
Model	
Delivery Date	
Installation Date	

Owner / operator signature: _____ Date: _____

Questions & Claims

Warranty Provider	Smart Soda Holdings, Inc. · 6650 W Snowville, Suite 2, Brecksville, OH 44052 · www.smartsoda.com
Claims Contact	Toll-free 1 (888) 998-9668 · www.smartsoda.com · Warranty claims, replacement parts & consumables

APPENDIX A — BEVERAGE AND RECIPE GUIDE

The JuLi 5.0 makes a wide range of drinks from seven (7) base waters — still at ambient temperature, still cold, still ice-cold, strong sparkling, medium sparkling, light sparkling, and hot — combined with flavors, enhancers, and/or concentrates. Each flavor, enhancer, and concentrate can be selected at different intensity values: high, medium, or low. Each of them can be selected singularly, or they can be mix. Use these starting points and adjust to taste.

Beverage	Base	Add	Notes
Sparkling Lemon-Lime	Sparkling	Lemon-lime flavor	Add over ice for a crisp soda alternative.
Berry Refresher	Ice-cold	Mixed-berry concentrate	Light, lightly sweet; great all day.
Electrolyte Boost	Still cold or ice-cold	Electrolyte enhancer	Hydration with minimal flavor.
Ice-Cold Coffee	Still ice-cold	Cold-brew coffee	Great taste at your fingertips
Hot Green Tea	Hot	Herbal/tea concentrate	Confirm hot-dispensing prompt; mind the temperature.
Sparkling Mocktail	Sparkling	Two or three complementary flavors	Layer multiple flavors at different intensity levels for a complex finish.
Classic Cola-Style	Strong Sparkling	Cola concentrate	Serve well-chilled.
Flavored Still Water	Still	Any light flavor	A low-key everyday option.



Consistent Results

Keep consumables fresh and the ActiFilter in good condition for the best flavor. The DRINKSTATION meters each ingredient automatically for repeatable results.

APPENDIX B — QUICK REFERENCE CARD

Keep this one-page summary near the DRINKSTATION for daily use.

Everyday Use

- Place vessel → select beverage → choose size → POUR.
- Empty and reseal the drip tray.

Key Set Points

Item	Value
External CO2 Regulator	100 PSI (fixed)
Internal CO2 Cylinder	97 PSI (range 95–105)
Inlet Water Pressure	60 PSI ± 20
Inlet Water Temperature	Below 95 °F
Ice-Cold Output	33–38 °F
Electrical	110–120 V~, 60 Hz, single-phase, 15 A; GFCI recommended

Default Access Codes (Change At Commissioning)

- Manager (111111) · Service (222222) · Engineering (Manufacturer's Proprietary Code)

Who To Call

- Technical support (manufacturer): 1 (844) 928-9288
- Warranty and parts (distributor): 1 (888) 998-9668

APPENDIX C — FLAMMABLE REFRIGERANT (R290): SAFETY INFORMATION, MARKINGS, AND INSTALLATION

This appendix consolidates the safety, marking, and installation requirements that apply to this DRINKSTATION because it uses the flammable refrigerant R290 (propane). It is provided to satisfy the requirements of the Standard for Household and Similar Electrical Appliances — Safety, Part 2-89 (UL/CSA 60335-2-89) under UL File SA46109. All requirements in this appendix are mandatory; read them together with the Safeguards and Refrigerant Information chapters.

	WARNING — THIS DRINKSTATION CONTAINS FLAMMABLE REFRIGERANT (R290 / PROPANE) Risk of fire or explosion. R290 is classified as A3 (highly flammable). Read and obey every instruction in this appendix. Servicing must be performed only by qualified personnel as described in Appendix D.
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C.1 Installation and User Instructions

This DRINKSTATION is supplied with installation and operating instructions so that it can be used safely. Where precautions are necessary during user maintenance, the relevant details are given in the applicable chapters of this manual. These instructions are written in English; for sale in Canada (including the Province of Quebec) the instructions are also provided in French (le présent manuel est également disponible en français sur demande).

C.2 Minimum Installation Clearances

The following minimum clearances between the cabinet and any adjacent obstacle must be maintained during normal operation. Keeping these clearances ensures adequate ventilation of the refrigerating system. Values are given in inch (IP) and millimetre (SI) units.

Top	4 in. (102 mm)
Rear	3 in. (76 mm)
Left Side	4 in. (102 mm)
Right Side	4 in. (102 mm)

C.3 General Safety Information

- This appliance contains a refrigerant that is highly flammable. Failure to follow safety instructions may result in fire or explosion.
- Do not use mechanical devices or methods to accelerate defrosting or cleaning other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- This DRINKSTATION 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 DRINKSTATION by a person responsible for their safety. Children should be supervised to ensure that they do not play with the DRINKSTATION.
- If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
- Information pertaining to the handling, servicing, and disposal of the DRINKSTATION equipment is provided in this manual (see the Maintenance Chapter and Appendix D).

C.4 Installation Safety

Installation shall be carried out strictly in accordance with the installation instructions provided with this appliance.

During installation:

- Ensure the refrigerant circuit remains sealed and undamaged.
- Ensure the installation area is well ventilated.
- Keep the appliance away from open flames, ignition sources, and hot surfaces.
- Do not install in areas where flammable gas may accumulate.

C.5 Operation

Operate the appliance only in accordance with its intended use.

Do not:

- Modify or puncture the refrigerant circuit.
- Use the appliance if damage to the refrigerant system is suspected.
- Use electrical switches, plugs, or devices if a refrigerant leak is suspected in the area (risk of ignition).

C.6 Maintenance and Servicing

No user-serviceable parts are located within the refrigerant circuit.

All servicing of the refrigerant system shall be carried out only by the manufacturer.

Before servicing:

- Disconnect the appliance from the power supply.
- Ensure the area is well ventilated.
- Eliminate all potential ignition sources in the surrounding area.

If a refrigerant leak is detected or suspected:

- Immediately ventilate the area.
- Do not operate electrical devices.
- Contact qualified service personnel.

C.7 Refrigerant Recovery and Disposal

At end of life or during repair involving the refrigerant circuit, R290 must be recovered using appropriate recovery equipment by qualified personnel.

Refrigerant must **not be released into the atmosphere**.

Disposal of the appliance shall be carried out in accordance with local regulations for flammable refrigerants and through authorized recycling or waste handling facilities.

C.8 Warning

Failure to follow these instructions may result in fire, explosion, injury, or environmental harm.

C.9 Inlet Water Temperature

Because this DRINKSTATION is connected to a water supply for cooling purposes, the maximum permitted temperature of the inlet water consistent with safe operation is 95 °F (35 °C). Do not connect the DRINKSTATION to a hot-water supply or to water that exceeds this temperature.

C.10 Explanation of Safety Symbol (IEC 60417-6375)

The symbol **IEC 60417-6375:2017-03** appears on the DRINKSTATION and/or its documentation. Its meaning is: **"Operator's manual; operating instructions — refer to the instruction manual/booklet."** When you see this symbol, consult this manual for important operating and safety information before proceeding.

C.11 Leak Testing of Site-Made Joints

All site-made joints in hermetically sealed systems shall be tested for leaks at a pressure of at least **0.25 × the maximum allowable pressure**, using detection equipment with a sensitivity of at least **3 g/year** of refrigerant.

C.12 Pressure Relief of Connected Fluid Circuits

Any fluid circuits connected to the DRINKSTATION shall safely release abnormal pressure. The arrangement shall not allow the release of flammable refrigerant into areas served by other circuits if those areas do not comply with the minimum room-area limit.

C.13 Replacement Components

Component parts shall be replaced only with like components, so as to minimize the risk of possible ignition due to incorrect parts.

C.14 Installation Standard

The DRINKSTATION is to be installed in accordance with the **Safety Standard for Refrigeration Systems, ANSI/ASHRAE 15**, and all applicable national and local codes.

C.15 Flammable-Refrigerant Warning Marking and Symbol

The DRINKSTATION bears the flammable-material warning symbol shown below (the ISO 7010 W021 flame within a triangle). The refrigerant class — **A3 for R290** — is marked in text not less than one-third the height of the symbol, and the triangle is at least 15 mm high.

	WARNING - Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer. - The DRINKSTATION equipment shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance, or an operating electric heater). - Do not pierce or burn. - Be aware that refrigerants may not contain an odour.
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C.15.1 Avertissements (Canada / français)

	MISE EN GARDE - Ne pas utiliser de moyens autres que ceux recommandés par le fabricant pour accélérer le processus de dégivrage ou pour nettoyer l'appareil. - L'appareil doit être entreposé dans un local ne contenant pas de sources d'inflammation permanentes (flammes nues, appareil à gaz ou dispositif de chauffage électrique en fonctionnement, par exemple). - Ne pas percer ou brûler. - Attention, les fluides frigorigènes peuvent ne pas dégager d'odeur.
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C.16 Handling, Installation, Cleaning, Servicing, and Disposal of Refrigerant

Information for the handling, installation, cleaning, servicing, and disposal of the refrigerant is provided in this manual. User-level cleaning and maintenance are described in the Maintenance chapter; all work involving the refrigerant or the sealed refrigerating circuit must be performed by qualified service personnel in accordance with Appendix D and applicable codes.

C.17 Refrigerant Charge (mc) and Minimum Room Area (Amin)

Refrigerant	R290 (propane), class A3
Refrigerant Charge (mc)	71 g (2.5 oz)
Lower Flammability Limit (LFL)	0.038 kg/m ³ (0.0024 lb/ft ³)
Minimum Room Area (Amin)	See note below — determined per UL/CSA 60335-2-89 for the charge above

Minimum room area (Amin): the DRINKSTATION equipment shall be installed and operated only in a room whose floor area is not less than the minimum determined in accordance with UL/CSA 60335-2-89 for the certified refrigerant charge of 71 g (2.5 oz). For this small charge the minimum room area is correspondingly small; install the DRINKSTATION in a normally occupied, ventilated indoor room that satisfies the clearance requirements of Section C.2. The minimum room area (Amin) certified under UL File SA46109 is stated on the rating label and governs. All dimensional data above are provided in both SI and IP units.

C.18 Ventilation Openings

Keep any required ventilation openings, in the DRINKSTATION enclosure and in any building-in structure, clear of obstruction at all times.

C.19 Servicing

Servicing shall be performed only as recommended by the manufacturer. Work that affects safety means shall be carried out only by competent persons (see Appendix D).

C.20 Nameplate / Rating-Label Marking

The rating label on the rear of the DRINKSTATION carries the following marking. The values below are the certified marking data for the Model J.

Model	DRINKSTATION Model J
Marking Location	Unit rear, secured by adhesive
Climatic Class	0, 1, 2, 3, 4, 6 or 8
Refrigerant Type	R290
Refrigerant Amount	71 g (2.5 oz)
Electrical Rating	120 V, 10.5 A, 60 Hz, single-phase
Compressor	EM2X3125U
Capillary Tubing Code	CT2
Date Code	See rating label
Warning Sign	Flammable-material symbol; triangle height ≥ 15 mm; refrigerant class (A3 for R290) in text $\geq 1/3$ the height of the symbol

APPENDIX D — COMPETENCE OF SERVICE PERSONNEL

	FOR QUALIFIED SERVICE PERSONNEL ONLY The procedures in this appendix involve the flammable refrigerant R290 and must be performed only by competent, qualified service personnel. They are reproduced to satisfy UL/CSA 60335-2-89. Improper service can cause fire, explosion, electric shock, or death.
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General

Information of procedures additional to usual information for refrigerating appliance installation, repair, maintenance, and decommission procedures is required when an appliance with FLAMMABLE REFRIGERANTS is affected.

The training of these procedures is carried out by national training organizations or manufacturers that are accredited to teach the relevant national competency standards that may be set in legislation.

The achieved competence should be documented by a certificate.

Information and Training

The training should include the substance of the following:

- Information about the explosion potential of FLAMMABLE REFRIGERANTS to show that flammables can be dangerous when handled without care.
- Information about potential ignition sources, especially those that are not obvious, such as lighters, light switches, vacuum cleaners, electric heaters.
- Information about the different safety concepts:
 - Unventilated – Safety of the appliance does not depend on ventilation of the housing. Switching off the appliance or opening of the housing has no significant effect on the safety. Nevertheless, it is possible that leaking refrigerant may accumulate inside the enclosure and flammable atmosphere will be released when the enclosure is opened.
 - Ventilated enclosure – Safety of the appliance depends on ventilation of the housing. Switching off the appliance or opening of the enclosure has a significant effect on the safety. Care should be taken to ensure sufficient ventilation before.
 - Ventilated room – Safety of the appliance depends on the ventilation of the room. Switching off the appliance or opening of the housing has no significant effect on the safety. The ventilation of the room should not be switched off during repair procedures.

- Information about refrigerant detectors:
 - a) Principle of function, including influences on the operation.
 - b) Procedures, how to repair, check, or replace a refrigerant detector or parts of it in a safe way.
 - c) Procedures, how to disable a refrigerant detector in case of repair work on the refrigerant carrying parts.
- Information about the concept of sealed components and sealed enclosures according to IEC 60079-15.
- Information about the correct working procedures:
 - a) Commissioning**
 - i. Ensure that the floor area is sufficient for the REFRIGERANT CHARGE or that the ventilation duct is assembled in a correct manner.
 - ii. Connect the pipes and carry out a leak test before charging with refrigerant.
 - iii. Check safety equipment before putting into service.
 - b) Maintenance**
 - i. Portable equipment is to be repaired outside or in a workshop specially equipped for servicing units with FLAMMABLE REFRIGERANTS.
 - ii. Ensure sufficient ventilation at the repair place.
 - iii. Be aware that malfunction of the equipment can be caused by refrigerant loss and a refrigerant leak is possible.
 - iv. Discharge capacitors in a way that won't cause any spark. The standard procedure to short circuit the capacitor terminals usually creates sparks.
 - v. Reassemble sealed enclosures accurately. If seals are worn, replace them.
 - vi. Check safety equipment before putting into service.

c) Repair

- i. Portable equipment is to be repaired outside or in a workshop specially equipped for servicing units with FLAMMABLE REFRIGERANTS.
- ii. Ensure sufficient ventilation at the repair place.
- iii. Be aware that malfunction of the equipment can be caused by refrigerant loss and a refrigerant leak is possible.
- iv. Discharge capacitors in a way that won't cause any spark.
- v. When brazing is required, the following procedures shall be carried out in the following order:
 1. Safely remove the refrigerant following local and national regulations. If the recovery is not required by national regulations, drain the refrigerant to the outside. Take care that the drained refrigerant will not cause any danger. In doubt, one person should guard the outlet. Take special care that drained refrigerant will not float back into the building.
 2. Purge the refrigerant circuit with oxygen free nitrogen.
 3. Evacuate the refrigerant circuit.
 4. Purge the refrigerant circuit with nitrogen for 5 min (not required for A2L refrigerants).
 5. Evacuate again (not required for A2L refrigerants).
 6. Remove parts to be replaced by cutting or brazing.
 7. Purge the braze point with nitrogen during the brazing procedure required for repair.
 8. Carry out a leak test before charging with refrigerant.
- vi. Reassemble sealed enclosures accurately. If seals are worn, replace them.
- vii. Check safety equipment before putting into service.

d) Decommissioning

- i. If the safety is affected when the equipment is putted out of service, the REFRIGERANT CHARGE is to be removed before decommissioning.
- ii. Ensure sufficient ventilation at the equipment location.
- iii. Be aware that malfunction of the equipment can be caused by refrigerant loss and a refrigerant leak is possible.
- iv. Discharge capacitors in a way that will not cause any spark.
- v. Remove the refrigerant. If the recovery is not required by national regulations, drain the refrigerant to the outside. Take care that the drained refrigerant will not cause any danger. In doubt, one person should guard the outlet. Take special care that drained refrigerant will not float back into the building.
- vi. When FLAMMABLE REFRIGERANTS except A2L REFRIGERANTS are used,
 1. Evacuate the refrigerant circuit.
 2. Purge the refrigerant circuit with nitrogen for 5 min.
 3. Evacuate again.
 4. Fill with nitrogen up to atmospheric pressure.
 5. Put a label on the equipment that the refrigerant is removed.

e) Disposal

- i. Ensure sufficient ventilation at the working place.
- ii. Remove the refrigerant. If the recovery is not required by national regulations, drain the refrigerant to the outside. Take care that the drained refrigerant will not cause any danger. In doubt, one person should guard the outlet. Take special care that drained refrigerant will not float back into the building.
- iii. When FLAMMABLE REFRIGERANTS are used,
 1. Evacuate the refrigerant circuit.
 2. Purge the refrigerant circuit with oxygen free nitrogen.
 3. Evacuate again (not required for A2L refrigerants).
 4. Cut out the compressor and drain the oil.
- iv. Cut out the compressor and drain the oil.

**Bilingual Requirement (Canada)**

For units sold in Canada, the instructions required by the standard are provided in English and in French. Le présent manuel et les instructions exigées par la norme sont fournis en anglais et en français pour le Canada.