PUREZZA

MANUAL

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PUREZZA FIZZ 80 MANUAL

Congratulations on your choice of the ***PUREZZA FIZZ 80 Water Treatment System, with integrated Taps***. The ***PUREZZA FIZZ 80*** model dispenses cold, and cold sparkling water.

Carefully read and follow all instructions to ensure proper and efficient operation of your ***PUREZZA FIZZ 80 Water Treatment System***. Contact ***Waterlogic*** or an ***Authorized Waterlogic Dealer*** if you have any questions.

Waterlogic and ***Authorized Waterlogic Dealers*** employ trained service personnel who are experienced in the installation, function and repair of ***Waterlogic*** equipment. This publication is written for use by these qualified individuals. ***Waterlogic*** encourages users to learn about products, however, we believe that product knowledge and service is best obtained by consulting ***Waterlogic*** or an ***Authorized Waterlogic Dealer.***

Waterlogic Water Treatment Systems should be combined with selected water treatment components to create a system specifically tailored for each application by trained and qualified personnel.

Products manufactured and marketed by ***Waterlogic*** and its affiliates are protected by patents issued or pending in the United States and other countries.

Waterlogic reserves the right to change the specifications referred to in this literature at any time, without prior notice. Changes or modifications not expressly approved by ***Waterlogic*** could void the warranty and user's authority to operate the equipment.

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SAFETY ALERT SYMBOLS

Read and follow all safety information carefully. The signal words used in this manual are selected as shown below and based on an assessment of the degree of potential injury or damage (severe or minor) and the occurrence of injury (definitely occurs or has the potential to occur) when the warning is ignored:

⚠ **DANGER!**
Indicates a situation which, when not avoided, results in death or severe injury.

⚠ **WARNING!**
Indicates a situation which, when not avoided, has the potential to result in death or severe injury; and/or severe property damage.

⚠ **CAUTION!**
Indicates a situation which, when not avoided, results or has the potential to result in minor injury; and/or minor property damage.

SAFETY PRECAUTIONS

Basic safety precautions should be followed, including the following:

Ensure all Local, State, and Federal Laws and Codes including health and safety guidelines are met when installing ***Waterlogic*** Equipment. Only qualified service technicians should attempt installation and service of ***Waterlogic*** Equipment. Always read the entire operating instructions before using the appliance and save these instructions for future use.

⚠ **DANGER!** ***This product can cause death or severe injury if incorrectly operated, installed or maintained.*** *The installation, maintenance, sanitizing and any repair must be performed by qualified persons trained by Waterlogic International or their approved distributors only. Do not remove any panel or cover to protect against electrical shock and exposure to UV radiation.*

⚠ **DANGER!** ***ELECTRICAL SHOCK HAZARD.*** *Always use a dedicated and properly grounded outlet. Unit should be protected by ground-fault circuit interrupter (GFCI) or residual current device (RCD) having a rated residual operating current not exceeding 30mA. Use only Waterlogic supplied power cord. Never use extension cords or power strips to connect unit. Do not use if the power supply cord is damaged. Always unplug from power supply prior to servicing.*

⚠ **WARNING!** ***AUTHORIZED USE ONLY.*** *This appliance is to be used for its intended purpose as described in this manual and untrained individuals who use this manual assume the risk of any resulting property damage or personal injury. This appliance can't be used by children and persons with reduced physical, sensory or mental capabilities or lack of experience.*

⚠ **WARNING!** ***DO NOT OPERATE IF DAMAGED.*** *Unplug and isolate water supply if abnormal conditions exist. Contact Waterlogic or authorized dealer for repair, service, and installation to avoid hazards.*

⚠ **WARNING!** ***CONNECT TO POTABLE WATER SUPPLY.*** *This system is to be used for water only and is not intended for use where water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the system.*

⚠ **WARNING!** ***TIP HAZARD.*** *Dispenser could tip or fall causing serious injury. Always install unit on a firm, flat, and level surface and secure unit to cabinet, wall, or floor if needed. Never place heavy items on top of unit and never climb, stand, or hang on unit or storage cabinet to prevent injury and damage.*

⚠ **WARNING!** ***UNIT IS HEAVY. TWO PERSON LIFT REQUIRED.*** *Transport unit empty and always use material handling equipment or two people with proper lifting technique to reduce injury risk.*

⚠ **WARNING!** ***STORE AND TRANSPORT UNIT EMPTY. ALWAYS SANITIZE BEFORE USE.*** *The unit must be completely drained before storing to avoid stagnation and reduce microbiological contamination (potential bacterial growth). Always sanitize before use to eliminate any potential microbiological contaminates.*

⚠ **CAUTION!** ***INDOOR USE ONLY.*** *Intended for Household Use. Never expose to direct sunlight, heat sources, or ambient air temperature above 37°C (100°F) or below 2°C (35°F). Install indoors and keep unit away from excessive humidity. Never expose to freezing temperatures. Ensure there is adequate clearance around the unit to allow refrigeration system condenser to dissipate heat. Warmer environments require more clearance around the unit. Minimum clearance around all surfaces of the machine is 2-inches. Installs where the ambient temperature exceeds 27°C (80°F), require a minimum of 4-inches clearance for proper heat dissipation and efficient operation.*

⚠ **CAUTION!** ***USE A WATER PRESSURE REGULATOR. Waterlogic*** *will not be responsible for injury or damage caused by excessive water pressure. Input or feed pressure must be 40 psi to 60 psi. Be aware of any potential pressure surges caused by building/municipal pumping stations.*

⚠ **CAUTION!** ***USE UV STABILIZED SUPPLY LINES.*** *Feed the unit with a potable ambient or cold water supply only. Feed water over 37°C (100°F) can damage the treatment components. Water block devices and external leak detectors are strongly recommended. Locate the unit as close to the water supply and the electrical connections as possible. Locate the unit as close to the water supply and the electrical connections as possible. Immediately isolate or close water supply valve and contact service representative if leak is noticed.*

Contact Waterlogic for assistance or help finding an Authorized Service Representative.

PUREZZA FEATURES AND BENEFITS

Cold and Cold Sparkling Water

Cold and Cold Sparkling Water set points are programmable to meet a wide range of customer demands with high capacity of 14 Liters (3.7 Gallons).

High Output of Cold and Sparkling Water

Highly insulated Ice Bank has a Cooling capacity of 80 Liters per hour (20 Gallons per hour) with an output of cold and sparkling water of 45 Liters (12 Gallons) of continuous supply.

Dispense Flow Rate

Dispense flow rate is adjustable directly on the Column Tap for customer ease.

Large Dispense Area

12.6 inch dispense height with a removable drip tray.

State of the Art Technology

The ***PUREZZA FIZZ 80 Water Treatment System*** supply head brings contemporary style and state-of-the-art technology to commercial water dispensers combining professional performance with a modern, sleek design.

Modern Design Using Strong Materials

A modern design using strong materials and a front plexiglass panel with elegant lighting.

No Accidental Water Leakage

The Column Tap self closes to avoid accidental water leakage in addition to a compensator to regulate the flow of each spout.

Recyclable Materials

The ***PUREZZA FIZZ 80 Water Treatment System*** and Column Tap are made with natural and recyclable materials throughout unit; stainless steel, aluminum and glass. The internal components are made entirely of stainless steel. Using recyclable material prevents potential negative consequences for the environment and for health.

Maintenance Access

Easy open for maintenance.

MODEL/PART DESIGNATIONS

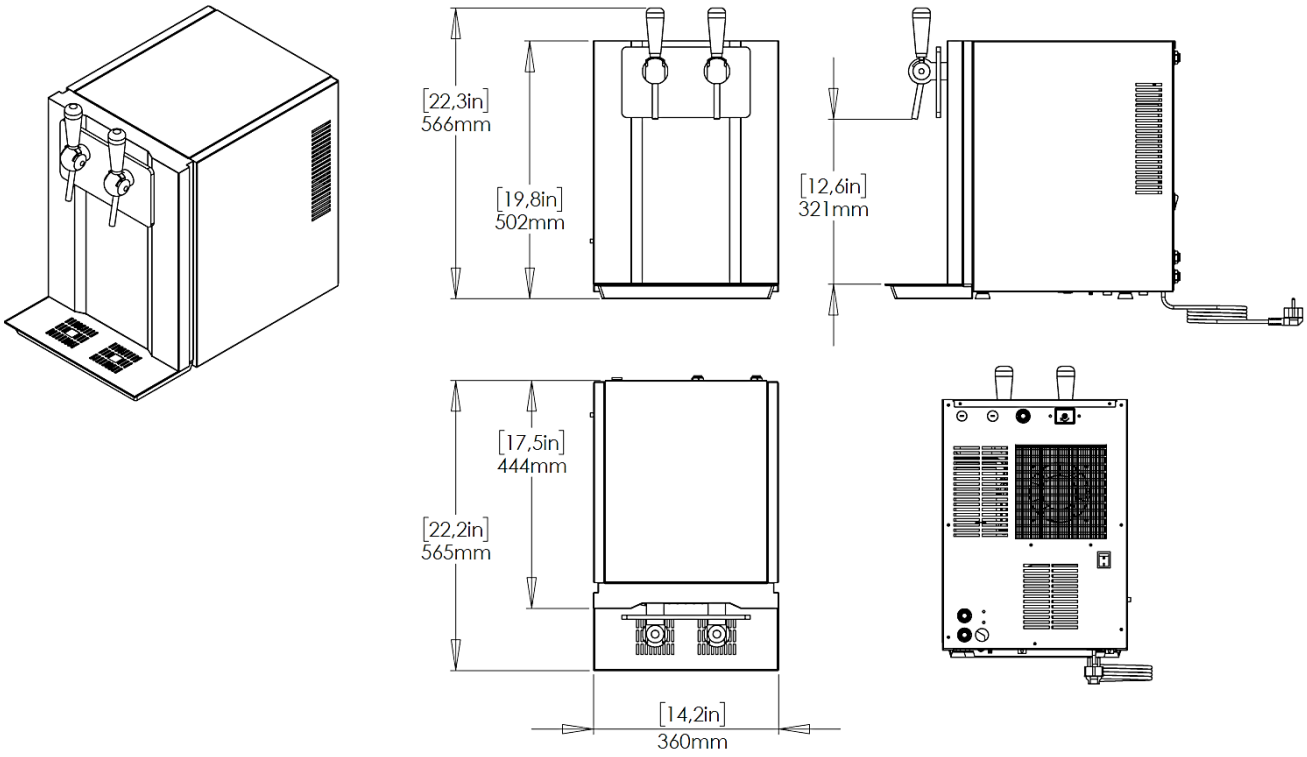
MODEL	DESCRIPTION
PUREZZA FIZZ 80 900583	Carbonation Chiller with Integrated Taps

SPECIFICATIONS

ITEM	SPECIFICATION
Ice Bank Capacity	14 Liters (3.7 Gallons)
Cooling Capacity	80 Liters per Hour (20 Gallons per Hour)
Cold Water Temperature	Adjustable - 3° - 10°C (37.4° - 50° F)
Water Connection	3/8" Inlet Water Pipe
Recommended Service Pressure	14.5 -51 psi (.10 MPa – 0.35 MPa) – Use Pressure Regulator *specification label on back of machine states 51/58 psi (which one is correct?)
Incoming Flow Rate	>0.8 Gallons per Minute Minimum of 0.8 is recommended to enhance the quality of the sparkling water dispensed
Rated Service Flow	>0.8 Gallons per Minute
Maximum Service Pressure	100 psi (689 kPa) – Use Pressure Regulator
Environmental Temperature	16°C (32°F) to 32°C (90°F)
Refrigerant Gas	R134a, 150 grams (5.290 ounces)
R134a Pressures	High (341 psig), Low (88 psig)

SHIPPING SPECIFICATIONS

ITEM	UNIT	SHIPPING BOX
Width/Depth/Height	360 x 566 x 570 mm 14.2 x 22.3 x 22.4 Inches	420 x 590 x 720 mm 16.5 x 23.2 x 28.3 inches
Weight (dry)	27 kg (59 pounds)	30 kg (66 pounds)



ELECTRICAL SPECIFICATIONS

ELECTRICAL SUPPLY	120V/60Hz, 1PH	15 Amp Service
Certified to UL-399 and CSA Standard C22.2 No. 120	**POWER (approximate)**	**AMP DRAW (approximate)**
	330 Watts	3.20 Amps

OPERATING INSTRUCTIONS

For Cold Sparkling Water: Pull Tap Knob forward to start dispensing.
Push Tab Knob back to stop dispensing.

For Cold Water: Pull Tap Knob forward to start dispensing.
Push Tab Knob back to stop dispensing.

Flow can be throttled.

DAILY MAINTENANCE REQUIRED BY CUSTOMER

Keep your ***PUREZZA FIZZ 80 Water Treatment System*** in showroom condition and disinfected.

1. Clean outside of the ***PUREZZA FIZZ 80 Water Treatment System*** by hand with a disposable towel and a rinse free anti-citrus product. To remove lime stains, use a stainless-steel cleaning product with a disposable towel.

   *To remove limescale, use a slightly acidic product (e.g. citric acid) that has been heavily diluted. Excessive acidity may damage the surface of the steel.

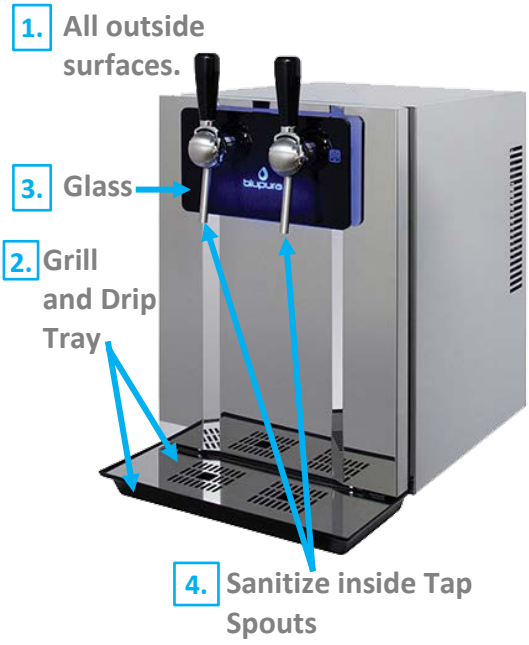
2. Clean Grill and Drip Tray with non-foaming detergent or a diluted limescale cleaner such as citric acid and a plastic brush. *The Drip Tray may be washed in the dishwasher.

3. Glass facing on front of unit may be cleaned using multi-use cleaners or dedicated glass cleaners.

   NOTE: DO NOT USE THE FOLLOWING PRODUCTS! Using the following product can cause surface pitting, oxidization and give the impression that the surface of the product is rusting.

   - Full strength bleach. Only use bleach diluted 1-part bleach to 4 parts water.
   - Metal fibers (if a brush is needed, use plastic brushes).
   - Abrasive cleaners or abrasive pads.
   - Water jet.

4. Inside of Tap Dispensing Spouts sanitization.
   a) Clean inside of spout thoroughly and remove any traces of limestone with a non-foaming detergent.
   b) Rinse thoroughly with potable water.
   c) Utilizing a spray bottle, prepare a solution of hydrogen peroxide or sodium hypochlorite, with 10% dilution. Cleaning with a disinfectant solution that is hydrogen peroxide-based. This solution must be replaced on a weekly basis as it has a duration of 7 days to be effective.
   d) Use a cotton swab to sanitize with solution inside taps.
   e) After 3-5 minutes rinse with potable water.



NOTE: DO NOT USE FULL STRENGTH BLEACH! Dilute 1 part bleach to 4 parts water.

WEEKLY MAINTENANCE REQUIRED BY CUSTOMER

1. Use a vacuum to clean out all vents.

WATERLOGIC MANUFACTURED WATER TREATMENT SYSTEM LIMITED WARRANTY
UNITED STATES AND CANADA ONLY

Waterlogic water treatment systems are guaranteed to the original purchaser to be free of defects in materials and workmanship for a period of three (3) years from the date of purchase, but in no event longer than forty-eight (48) months from the date of manufacture. Waterlogic Commercial Products, LLC ("Waterlogic") based in the U.S.A. and its affiliated companies are not liable for any cost of removal, installation, transportation, or any other charges which may arise in connection with a warranty claim.

This warranty does not cover damage or wear to products caused by abnormal operating conditions, accident, abuse, misuse, unauthorized or improper alteration or repair, damage caused by or resulting from shipping or accident, damage caused by hot water, freezing, flood, fire, or acts of God. The effects from chlorine corrosion, scaling and normal wear are specifically excluded from this warranty. This warranty does not cover products used outside the countries where the unit was purchased, and does not cover products that were not installed in accordance with Waterlogic printed installation and operating instructions obtained in training or from www.waterlogic.us. Failure to follow all instructions for operation and maintenance voids the warranty. This warranty is not transferable.

To obtain warranty repairs or replacement, you must obtain a Return Authorization from Waterlogic. To obtain a Return Authorization, you must submit a Return Authorization form with supporting documentation to Waterlogic for evaluation. The form is available at www.waterlogic.us. Supporting documentation must include, but is not limited to; proof of purchase, installation date, failure date, and supporting installation and maintenance data. After you submit a Return Authorization form and supporting documentation, Waterlogic will determine whether a reasonably apparent defect in materials or workmanship covered by this limited warranty exists. If Waterlogic determines the claimed defect is covered by this warranty, Waterlogic will, at its sole discretion, determine whether to correct the defect or replace the unit, free of charge to you. If Waterlogic determines that the unit should be returned for warranty service, Waterlogic will approve of return in writing and will issue a Return Authorization which you must obtain prior to shipping the product. You are responsible for the cost of freight in to Waterlogic.

Waterlogic and its affiliated companies hereby limit the duration of any and all implied warranties to a maximum period of three (3) years from the date of purchase including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Consequential and incidental damages are not recoverable under this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

New Warranty Policy issued by Waterlogic Commercial Products LLC, USA - January 10, 2014

Waterlogic Commercials Products LLC
3175 Bass Pro Drive
Grapevine, TX 76051

Tel: (800) 288-1891
Website: waterlogic.us

SERVICE REQUIREMENTS

⚠ **WARNING!** ***Read and understand the contents of this manual before attempting to service the PUREZZA FIZZ 80 Water Treatment System. Failure to follow the instructions in this manual could result in death, serious personal injury, or severe property damage. Only trained and qualified technicians should attempt to install, maintain, or service Waterlogic Equipment.***

⚠ **DANGER!** ***HIGH VOLTAGE ELECTRICAL HAZARD.*** *Unplug before inspection and service.*

SANITIZATION OF SURFACES IN CONTACT WITH DRINKING WATER

The sanitization of the drinking water circuit has to be performed:

- Every time unit Is installed
- Every 6 months of operation
- Each Change of filters
- After system has been inoperative of 5 days or more.

1. Turn off incoming feed water.
2. Remove Filter Cartridge.
3. Mix ½ gallon of sanitizer per directions or use Bleach Solution (1 teaspoon = 1/6 oz. = 5 ml = ½ cap full) of household bleach (Sodium Hypochlorite 5 - 10% Concentration) with 1/2 gallon of water. Always ensure sanitizer is compatible with stainless steel and acetyl plastic.
4. Open the water entering the machine and take approximately 5 liters of still water and 5 liters of sparkling water.
5. Keep the sanitizing solution in circuit for 20 minutes.
6. Install new filter cartridge.
7. Take 10 liters of still water and 10 liters of sparkling water to rinse the circuit.

⚠ **WARNING!** ***SANITIZER MAY CONTAIN HAZARDOUS CHEMICALS.*** *Use of proper personal protective equipment such as rubber gloves and eye protection is required.*

C02 CYLINDER REPLACEMENT

The replacement of the C02 cylinder must be done when it is empty. The pressure gauge of the pressure regulator is near to “0”.

Close the cylinder to be replaced by turning the valve clockwise, located on the cylinder head.

Unscrew the nozzle that connects the exit of the cylinder to the pressure regulator.

Insert new cylinder to the nozzle that connects the exit of the cylinder to the pressure regulator making sure to seal.

Open the tank by turning the knob counter-clockwise on the cylinder 2 full turns.

SPARE PARTS

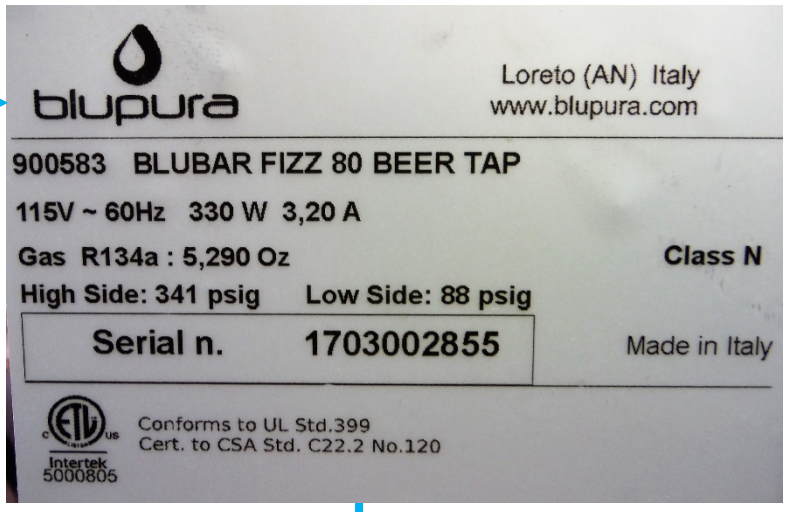
Component	Part Number
Motor Fan 120 x 120 x 25 mm 4.8 x 4.8 x 1 inch	1000002622
Boost Pump	1000002623
Level Controller	1000002624
Power Switch	1000002625
Ice Bank Thermostat	1000002626
Unit Feet	1000002627
Submerged Agitator Pump	1000002629

Spare parts can be obtained from *Waterlogic* or an *Authorized Waterlogic Dealer*.

NOTE:

At the **end of this product's life**, ensure that it is disposed of in an environmentally friendly manner which is fully compliant **with all Federal/State/Local Requirements and Guidelines.**

TECHNICAL DATA PLATE



Date of Manufacture: March 2017
Serial Number: 002855

Year

Month

Serial Number

PUREZZA REAR VIEW

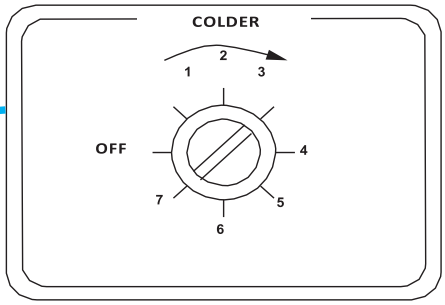
1	Ice Bank Inlet Pipe Joint 3/8” Diameter
2	Adjustable Thermostat
3	Power Switch
4	Power Cord
5	Ice Bank Level
6	CO_2 Inlet Bulkhead Joint ¼” Diameter
7	Supply Water (Feed Water) Inlet Bulkhead ¼” Diameter

ADJUSTING COLD TEMPERATURE

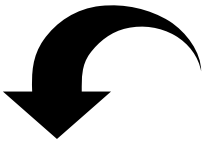
1. Set temperature between 5 and 6.
2. If you want to avoid the formation of ice in the bank, turn the thermostat screw at least 1/4 turn counter-clockwise.

NOTE: Before making any changes to the temperature, ensure that the unit has been running for 1 hour to build a full ice bank in the cooling system

Thermostat



To lower water temperature turn the thermostat screw at least ¼ counter-clockwise.

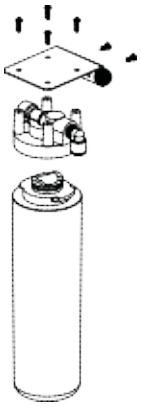


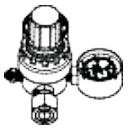
PRE-INSTALLATION PROCEDURE

Required with each *PUREZZA Water Treatment System.*

1 each – External Filter

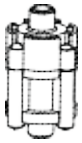
1 each – Chiller



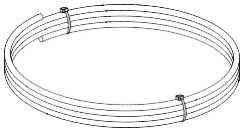


1 each – CO_2 Regulator

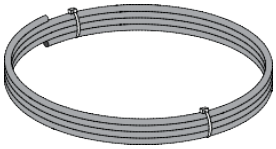
1 each – External Filter



1 each – Water Pressure Regulator



1 each – 10’ $C0_2$ ¼” OD Tubing (natural)



3 each – 10’ Coils Water Tubing Blue 3/8”

3 each – 10’ Coils Insulation Tubing (not shown)

1 each – 4 inch ¼” OD Tubing

1 each – 12 inch long Supply Hose ¼” ips x 3/8” Tube

2 each – 3/8” Quick Connect Connector

1 each – 3/8” x ¼” quick Connect

1 each – Water Shutoff Valve

PRE-INSTALLATION PROCEDURES

⚠ **DANGER!** ***ELECTRICAL SHOCK HAZARD.***
*Only qualified personnel who have read and understand this entire manual should attempt to install, or service this **PUREZZA Water Treatment System**, failure to do so could result in death or serious injury. DO NOT plug into an electrical supply until specifically instructed.*

⚠ **WARNING!** ***ALWAYS SANITIZE BEFORE USE.***
Sanitize before use to eliminate any potential microbiological contaminates.

⚠ **CAUTION!** ***WEAR SAFETY GLOVES.***
Wear safety gloves when handling the machine. Metal edges are sharp and touching them could result in a minor moderate injury.

UNPACKING

1. Remove the two straps securing unit to pallet.
2. Lift the internal cardboard box up and out of the cage.
3. Carefully check that the watercooler has not been damaged during transport. Any signs of damage must be reported to the Shipping Agent immediately.
4. If the watercooler has been transported in a horizontal or inclined position, a wait of 8 hours is needed before turning it on so that the refrigeration circuit can function properly.

NOTE: Packing Materials are made using recyclable material preventing potential negative consequences for the environment and for health.

ELECTRICAL CONNECTION:

NOTE: Recommended to plug system into GFI-Protected outlet. Be careful to not overload branch electrical supply.

5. Connect the power cable to a socket.

6. Turn on Power switch on at back of unit. *I = ON*. The ice-bank pump, compressor and fan are now activated.

7. Pull Sparkling Dispense Tap to release air in the circuit and allow the pump to fill the carbonator with water. After approximately 1-2 minutes, the sparkling pump stops.

SANITIZATION OF DRINKING CIRCUIT:

The sanitization of the drinking water circuit has to be performed:

- Every time the ***PUREZZA Fizz 80*** is installed
- Every 6 months of operation
- Each Change of filters
- After system has been inoperative of 5 days or more.

8. Turn off incoming feed water (if connected).

9. Remove Filter Cartridge (if connected).

10. Mix ½ gallon of sanitizer per directions or use Bleach Solution (1 teaspoon = 1/6 oz. = 5 ml = ½ cap full) of household bleach (Sodium Hypochlorite 5 - 10% Concentration) with 1/2 gallon of water. Always ensure sanitizer is compatible with stainless steel and acetyl plastic.

11. Open the water entering the machine and take approximately 5 liters of still water and 5 liters of sparkling water.

12. Keep the sanitizing solution in circuit for 20 minutes.

13. Install new filter cartridge.

14. Take 10 liters of still water and 10 liters of sparkling water to rinse the circuit.

⚠ **WARNING!** ***SANITIZER MAY CONTAIN HAZARDOUS CHEMICALS.*** *Use of proper personal protective equipment such as rubber gloves and eye protection is required.*

FILLING THE ICE BANK

15. Fill ice bank with supply water (feed water).

16. Stop filling the Ice Bank once you reach the maximum level on the Ice Bank level tube.

NOTE: If the Ice Bank has been overfilled, water will come up through the Drip Tray.

NOTE: Do not move unit with water in the unit!

CONNECTING TO WATER SUPPLY (FEED WATER)

17. Ensure the incoming water pressure is between 14.5 and 51 PSI. Incoming flow rate needs to be .80 Gallons per minute minimum.
18. Install water line and filter to the incoming ¼" fitting on back of unit.
19. Once the tubes are attached, turn on water supply and dispense from Tap. Ensure there are no leaks.

CUT, SIZE AND CONNECT WATER AND CO2 PIPING TO FIT INSTALLATION

⚠ **CAUTION!** ***WATER PRESSURE***

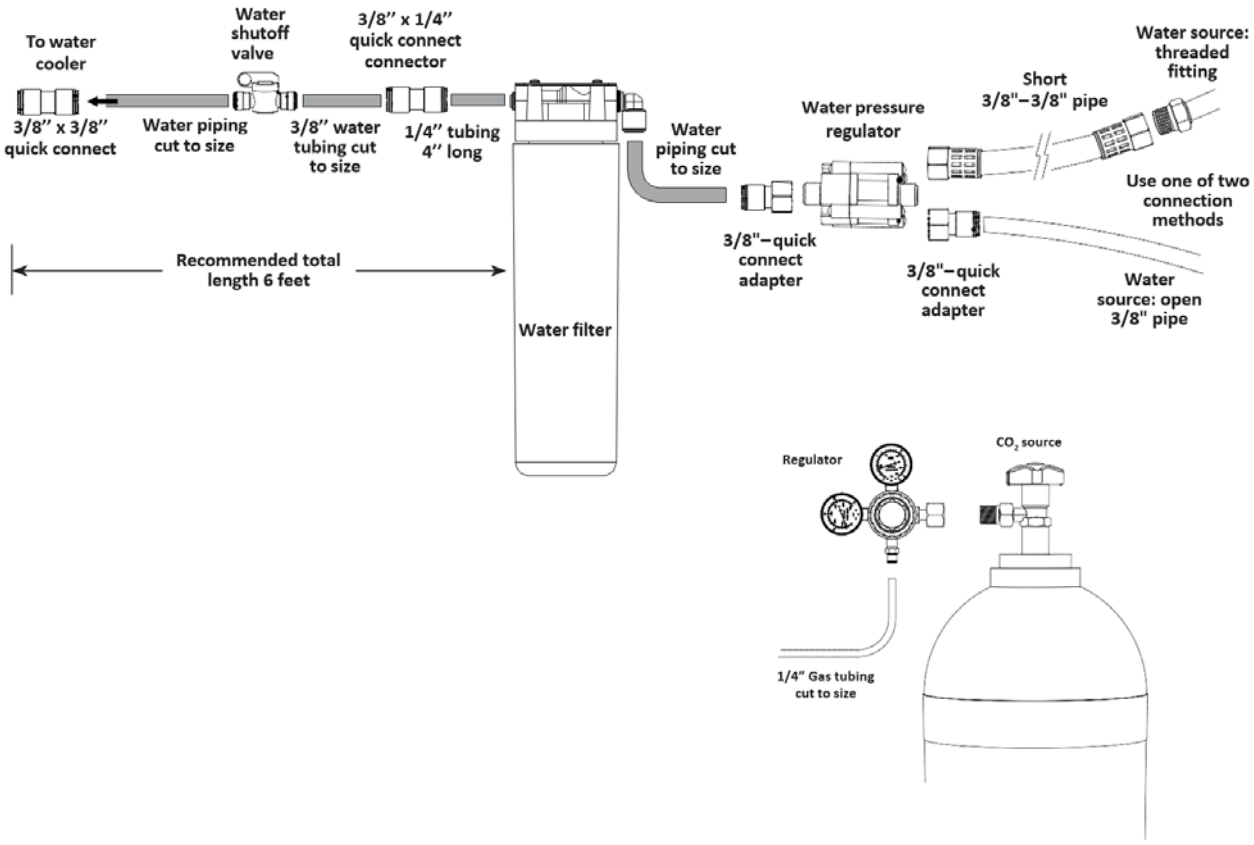
Input or feed pressure must be 14.5 psi to 51 psi (.10 MPa – 0.35MPa). Be aware of any potential pressure surges caused by building/municipal pumping stations. Water block devices and external leak detectors are strongly recommended. Locate the unit as close to the water supply and the electrical connections as possible to minimize risk.

⚠ **CAUTION!** ***WEAR SAFETY GLOVES.***

Wear safety gloves when handling the machine. Metal edges are sharp and touching them could result in a minor moderate injury.

⚠ **CAUTION!** ***CHECK ALL PIPING AND CONNECTIONS FOR LEAKS***

Check all input piping and connections for leaks before connecting to the machine.



20. System should be chilled about 60 minutes later.

21. Dispense ½ Gallon of water from the sparkling tap, once system is chilled.

22. Allow to refill.

23. Unit is ready for use.

NOTE: Complete Chilling of Ice Bank takes 1-3 Hours.

INSTALLING OF C02 CYLINDER

⚠**WARNING!**

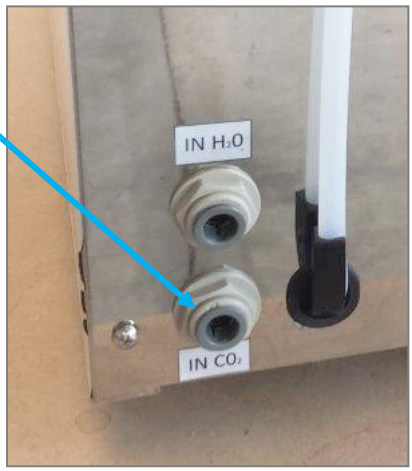
Always connect C02 gas cylinder to a reducing valve or regulator. Failure to do so could result in an explosion with possible death or injury when the cylinder valve is opened.

⚠**WARNING!**

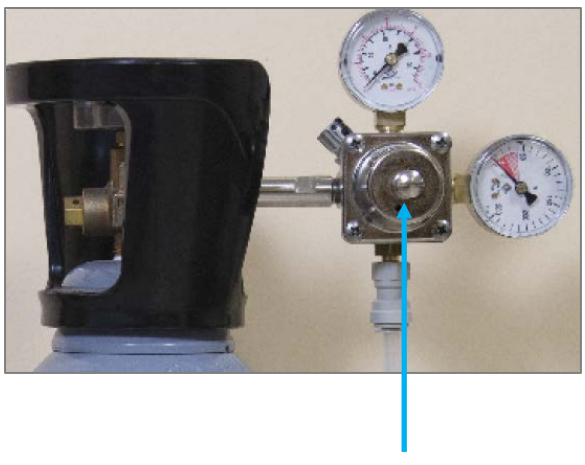
Always secure gas cylinder in upright condition and away from heat.

NOTE: Installation of $C0_2$ cylinder can only be done once the unit is connected to supply water (feed water), has power and the ice-bank tank has been filled.

24. Connect the cylinder through the pressure regulator to the $C0_2$ Inlet Pipe.



25. To increase the level of carbonation of the water, adjust the screw by turning clockwise increases the level of carbonation. We recommend that you do not exceed 4 bar (60 psi) of pressure.



26. To decrease the level of carbonation of the water, adjust the screw by turning counter clockwise.

REPURGE THE LINE FOR SPARKLING WATER

27. Place receptacle beneath Tap to catch dispensed water.

28. Allow water to run continuously until flow is clear of air.

NOTE: The water will flow flat at first, then gradually become more sparkling as the line is purged of still water.

COMPLETE INITIAL CHILL DOWN

29. Complete chilling of ice bank requires 1-3 hours.

NOTE: The machine should not be used as a water dispenser until chilling is complete.

MAINTENANCE

MAINTENANCE SCHEDULE

Process	Frequency
Water Circuit Sanitization **Instructions are included in this manual.*	1. Upon Installation 2. When hydraulic components are replaced. 3. Each filter change 4. At a minimum must sanitize once a year.
Filter Change **Instructions are in instruction manual present in every cartridge.*	1. Depending on the filtration capacity 2. After each filter change, replace filter
Cleaning Internal Components	Every sanitization and cartridge change. **Remove accumulation of dust, sand or other particulates with a disposable cloth.*
Cleaning of Refrigeration Condenser	Every 6 Months **Remove accumulation of dust from the refrigeration condenser with a plastic brush.*
Cleaning the mechanical water filter of the Inlet Safety Valve **Instructions are in instruction manual present in every cartridge.*	Depending on the hardness of supply water (feed water).
Water Analysis	Yearly. Check the bacteriological parameters to verify that the water's quality complies with current regulations.

PUREZZA COUNTER TOP DRAINING INSTRUCTIONS

Draining Notes

⚠ **WARNING!** ***STORE UNIT EMPTY. ALWAYS SANITIZE BEFORE REUSE.***
The unit must be completely drained and sealed before storing to avoid stagnation and reduce microbial growth).

Drain the ***PUREZZA Water Treatment System*** for transportation.

1. To drain the ice bath, release sight tube on back of machine, rotate down to drain.

INSTALLATION PROCEDURES

Basic safety precautions should be followed, including the following:

Ensure all local, state, and federal laws and codes including health and safety guidelines are met when installing ***Waterlogic*** Equipment. Only qualified service technicians should attempt installation and service of ***Waterlogic*** Equipment. Always read the entire operating instructions before using the appliance and save these instructions for future use.

⚠ **DANGER!** ***ELECTRICAL SHOCK HAZARD.*** *Always use a dedicated and properly grounded outlet. Unit should be protected by ground-fault circuit interrupter (GFCI) or residual current device (RCD) having a rated residual operating current not exceeding 30mA. Use only Waterlogic supplied power cord. Never use extension cords or power strips to connect unit. Do not use if the power supply cord is damaged. Always unplug from power supply prior to servicing.*

⚠ **WARNING!** ***CONNECT TO POTABLE WATER SUPPLY.*** *This system is to be used for water only and is not intended for use where water is microbiologically unsafe or with water of unknown quality without adequate disinfection. System is designed for the supplemental bactericidal treatment of public drinking water, or other drinking water, which has been tested and deemed acceptable for human consumption by the state or local health agency having jurisdiction. The system is designed to reduce normally occurring non-pathogenic or nuisance microorganisms only. System is not intended for treatment of contaminated water.*

⚠ **WARNING!** ***UNIT IS HEAVY. TWO PERSON LIFT REQUIRED.*** *Transport unit empty and always use material handling equipment or two people with proper lifting technique to reduce injury risk.*

⚠ **WARNING!** ***STORE AND TRANSPORT UNIT EMPTY. ALWAYS SANITIZE BEFORE USE.*** *The unit must be completely drained and sealed before storing to avoid stagnation and reduce microbiological contamination (potential bacterial growth). Sanitize before use to eliminate any potential microbiological contaminates.*

⚠ **CAUTION!** ***INDOOR USE ONLY.*** *Intended for household use only. Never expose to direct sunlight, heat sources, or ambient air temperature above 32°C (90°F) or below 16°C (61°F). Install indoors and keep unit away from excessive humidity. Never expose to freezing temperatures. Ensure there is adequate clearance around the unit to allow refrigeration system condenser to dissipate heat. Warmer environments require more clearance around the unit. Minimum clearance around all surfaces of the machine is 4-inches.*

⚠ **CAUTION!** ***USE A WATER PRESSURE REGULATOR.*** *Waterlogic will not be responsible for injury or damage caused by excessive water pressure. Input or feed pressure must be 14.5 psi to 51 psi (.10 MPa – 0.35MPa). Be aware of any potential pressure surges caused by building/municipal pumping stations. Water block devices and external leak detectors are strongly recommended. Locate the unit as close to the water supply and the electrical connections as possible to minimize risk.*

⚠ **CAUTION!** ***USE UV STABILIZED SUPPLY LINES.*** *Feed the unit with a potable ambient or cold-water supply only. Feed water over 100° F (37°C) can damage the treatment components. Water block devices and external leak detectors are strongly recommended. Locate the unit as close to the water supply and the electrical connections as possible.*

⚠ **CAUTION!** ***WEAR SAFETY GLOVES.***

Wear safety gloves when handling the machine. Metal edges are sharp and touching them could result in a minor moderate injury.

1. Fill the ice bath until indicated full in the sight tube on back of unit.
2. Attach the water supply line to the 3/8" supply water (feed water) inlet bulkhead fitting on the back of the ***PUREZZA Water Treatment System. Waterlogic*** requires the use of a water pressure regulator. Input or feed pressure must be 14.5 psi to 51 psi (.10 MPa – 0.35MPa).
3. Turn on the water supply and check for leaks.
4. Connect the power cord to a 120 Volt socket. *The grounding of the unit is a legal requirement.
5. Turn on Power Switch at back of unit. *I = ON*
6. Fill the water circuit. Hold a container under the still dispensing faucet, pull cold water knob until a continuous flow of water is obtained. Once a continuous flow is obtained, release the dispensing button. Cold tank is now full.
7. Move the ***PUREZZA Fizz 80 Water Treatment System*** into its final operating position. Be sure that a minimum of 2" clearance is maintained around both sides and the back of the ***PUREZZA Fizz 80 Water Treatment System***.

   NOTE: This is important to allow proper airflow and heat exchange of refrigeration system.
8. Level ***PUREZZA Water Treatment System*** using the adjustable feet to level if necessary. Never install on incline.
9. Once water is dispensing from the cold tap, install $C0_2$ connection. $C0_2$ pressure should be set at 60 psi.
10. Turn on $C0_2$ supply and draw ½ gallon of water from sparkling tap.
11. Once the ***PUREZZA Water Treatment System*** is at the target temperature(s), sample the water to ensure water meets expectations and additional rinsing or adjustment is not required.
12. Check the ***PUREZZA Water Treatment System*** for any leaks. External Leak Protection is always recommended.

DISPENSE TROUBLESHOOTING INDEX

1. No water will dispense

Possible Reason	Solution
Main water valve is closed	Open the valve
Power Switch is off	Turn power switch on *I=ON*
Water inlet solenoid is not working	Bypass solenoid and replace
Ice Bank is Frozen	Defrost the Ice Bank. Reduce the thermostat setting.
Low voltage transformer is not working	Replace transformer.

2. Sparkling water will not dispense

Possible Reason	Solution
The $C0_2$ cylinder is empty	Replace the cylinder
The pump is not working	Force the pump to start. Replace if the pump is broken.
Solenoid is not working	Repair or replace the solenoid.
The flow control valve is too tight.	Open the valve.

3. Low Flow of Water

Possible Reason	Solution
Filter is Clogged	Replace Filter
Main Water Valve not fully open	Open the Valve
Flow control valve is not fully opened (Sparkling water only)	Open the Valve
The $C0_2$ cylinder is empty (Sparkling water only)	Defrost the Ice Bank. Reduce the thermostat setting.

4. Water drips from Tap

Possible Reason	Solution
Solenoid is dirty	Open the solenoid and clean it. Use diluted solution for removal of mineral and calcium buildup. Replace solenoid.

COLD / COLD SPARKLING TROUBLESHOOTING INDEX

1. Water is not cold enough

Possible Reason	Solution
Ice Bank is empty	Fill Ice Bank with Water.
Thermostat is not adjusted properly	Adjust thermostat.
Condenser is dirty	Clean Condenser
Fan is not working	Replace Fan
Cold air is blowing through the compressor	Check for faulty compressor or gas leak on refrigerant circuit and repair.
Malfunction in the over temperature switch / relay	Switch the machine off and wait 5 minutes and restart.
Compressor is not working	Replace compressor
Leak in refrigeration system	Refrigeration system requires repair or replacement

2. Poor sparkling water quality

Possible Reason	Solution
Incorrect air gap in carbonator	Close $C0_2$ cylinder valve, pull the ring on safety valve (on the carbonator bowl head) until all air gap is out.
The C02 regulator is set low	Set the $C0_2$ regulator between 55-60 psi (3.5 - 4 bar)
Water is not cold enough	Set the thermostat correctly
Incoming water pressure is too high	Install an inlet water pressure reducer (included in original shipping box).
Carbonator bowl is filled by the inlet high water pressure and not by the pump	Install an inlet water pressure reducer (included in original shipping box).
Incorrect inlet pressure	Install an inlet water pressure reducer (included in original shipping box).

OTHER TROUBLESHOOTING INDEX

1. Noise / Vibration

Possible Reason	Solution
Ice Bank is empty	Fill Ice Bank
Agitator or pump is not covered by water	Fill Ice Bank
Copper tubing vibrating against cabinet	Fix position of the copper tubing
Fan is Dirty	Clean or replace