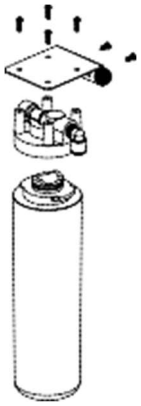
PRE-INSTALLATION PROCEDURE

Required with each *PUREZZA Water Treatment System.*

1 each – External Filter

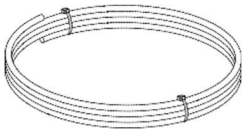
1 each – Chiller



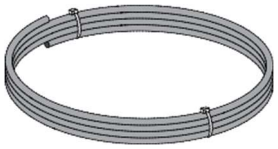
1 each – CO_2 Regulator

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

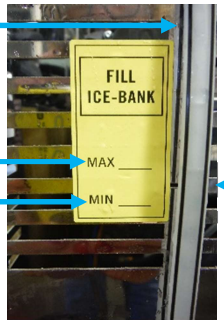
15. Fill ice bank with supply water (feed water).

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

Ice Bank Level Tube

Maximum Level

Minimum Level



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***

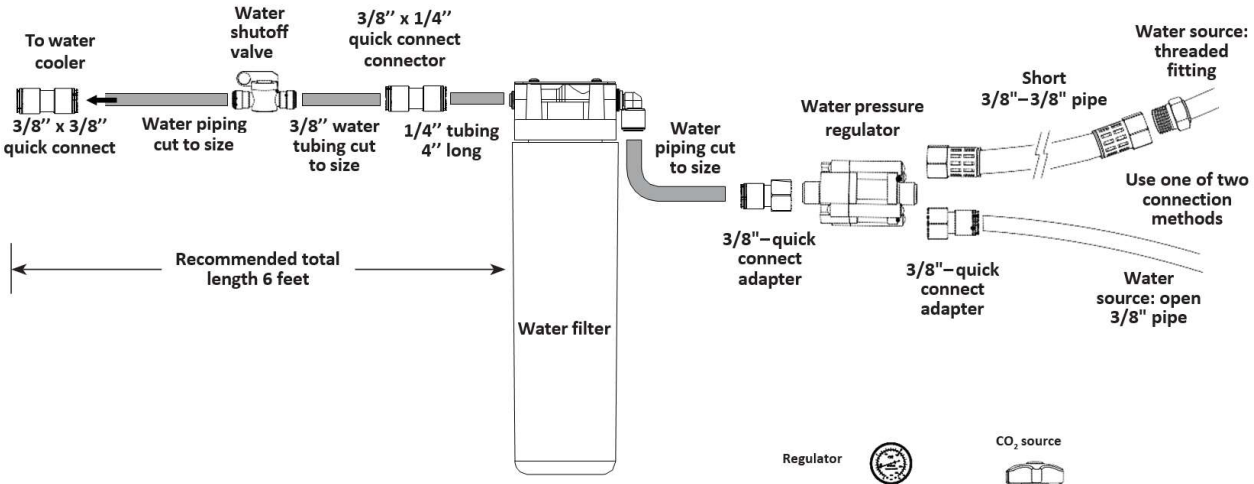
Input or feed pressure must be 14.5 psi to 51 psi (.10 MPa – 0.35MPa). Be aware of any potential pressure surges caused by building/municipal pumping stations. Water block devices and external leak detectors are strongly recommended. Locate the unit as close to the water supply and the electrical connections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

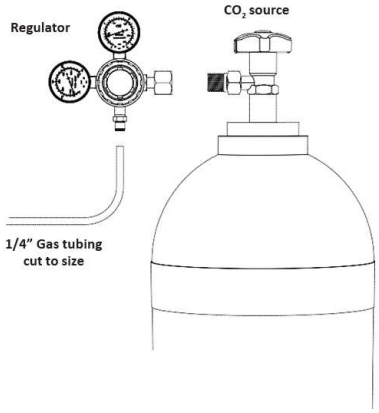
⚠ **CAUTION!** ***WEAR SAFETY GLOVES.***

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.

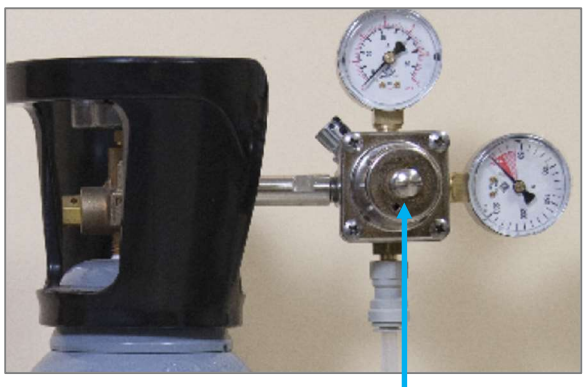
⚠**WARNING!**

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.