

# Pure H̄ydration

*Alkaline Antioxidant Water*



Pure H̄ydration

**Owners Manual**

**A Cosan/USA Product**

# Thank You for Choosing a Cosan/USA Product

## CONTENTS

Product Introduction And Specification.....	1
Technical Parameters.....	1
Installation.....	2-6
Cartridge Replacement, Safety, Maintenance.....	7-8
Warranty Information.....	9

**For Additional Information  
on Installation:**

**Go to [Cosanusa.net](http://Cosanusa.net) and  
click on “Videos”**

## Installation Options Available



**Manual Faucet**



**Dual Diverter Valve**

**PLEASE READ ENTIRE MANUAL BEFORE INSTALLING THE UNIT.**

## PRODUCT INTRODUCTION & SPECIFICATIONS

**Pure Hydration** is a 4-cartridge all-natural Alkaline Antioxidant water ionizer designed for counter-top or under-counter installation with refrigerator, and external connection ports. The system is designed with a filtration rating of .02 micron, effectively removing sediment, rust, heavy metals, microbes, bacteria, and viruses included 99.9% of more than 220 contaminants found in the world's water supply.

### Four Stage Purification Design

---

**Stage 1 Cartridge:** rated at 6-months, effectively pre-filters incoming water and removes rust and sediment.

**Stage 2 Cartridge:** rated at 6-months, designed to reduce odor, chlorine, and organic matter.

**Stage 3 Cartridge:** rated at 3-months, creates high pH and molecular hydrogen (H<sub>2</sub>) rich water while increasing ORP and further reducing odor and contaminants.

**Stage 4 Cartridge:** rated at 6-months, designed to capture micro-particles and serves as a finishing cartridge.

## TECHNICAL PARAMETERS

- Source water temperature (4.4°C- 40°F) – (30°C – 85°F)
- Operating temperature (4.4°C- 40°F) – (30°C – 85°F)
- Flow rate: 2.5 liters per minute
- Inlet water pressure 30-60 PSI
- Stages 1,2 & 4 are rated at 6 months or (600 gallons / 2,272 liters)
- Stage 3 is rated at 3 months or (300 gallons / 1,136 liters)

## INSTALLATION

### Countertop Installation with Diverter Valve

---



Remove existing aerator by turning counter- clockwise.

Screw the provided diverter valve onto faucet.



## Countertop Installation with Diverter Valve

---



Unscrew ferrule nut and slide onto one end of the white tubing. Push white tubing onto the diverter valve until tubing is up against diverter valve threads. (If tubing is hard to install, soak in hot water for a couple of minutes to soften).

Slide ferrule nut onto diverter and tighten.



## Countertop Installation with Diverter Valve

---



Insert the other end of white tubing into the inlet port about  $\frac{1}{2}$  inch. You may cut tube if too long.

## Operating Pure Hydration and Flushing Cartridges

---

Turn on kitchen faucet (**Cold water only**). Turn the diverter valve knob to the nine o'clock position.



## Operating Pure Hydration and Flushing Cartridges

---



Insert glass or small pitcher under the outlet then turn **Pure Hydration** knob counter-clockwise to dispense water.

---

Run 3 gallons of water through the unit during initial start-up and when replacing cartridges. It is normal for the water to be gray in color when it first begins to flow while carbon dust and media is rinsed from the internal carbon block cartridges.

**\*Please note: After flushing, it is also normal for water to contain tiny air bubbles for approximately a week as residual air is purged from the cartridges. The bubbles are harmless and perfectly safe to drink.**

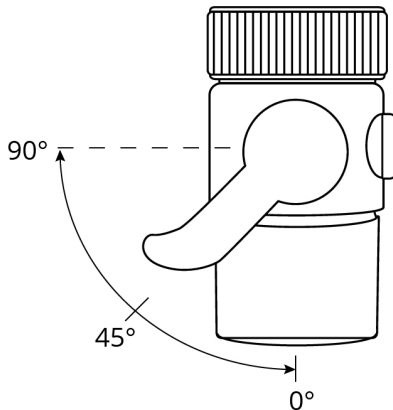
**Check all fittings and  
connections for leaks.**

**Re-check for leaks  
after 24 hours.**

### **VERY IMPORTANT**

---

It is especially important that the diverter valve knob be left in the 45-degree position when not in use to prevent excess internal pressure from building.



LEAVE DIVERTER KNOB  
IN 45° TO PREVENT  
PRESSURE BUILDUP



## SAFETY INSTRUCTIONS

Pure Hydration is intended to operate and function as per the instructions in this manual. Pure Hydration is not designed to operate outside the specifications listed in this manual. It is not designed for commercial use. Operations or modifications outside the listed specifications can result in damage to the system and bodily harm. If the system requires service or repair, please contact your local service technician or sales representative. Operating outside the recommended temperatures (4.4° C/40° F) – (30° C/85° F) can lead to catastrophic failure.

## MAINTENANCE AND CARTRIDGE REPLACEMENT

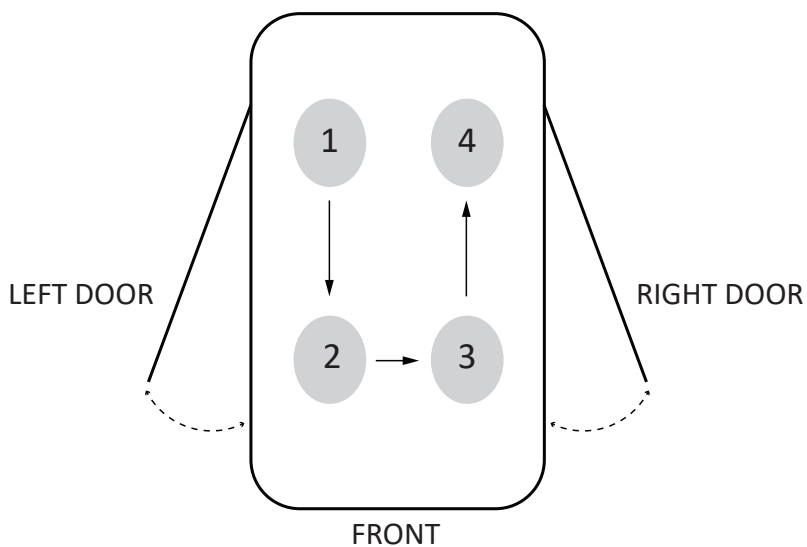
Replace the filter cartridges at the designated time listed below in order to maintain water quality and optimum Alkaline Antioxidant values. When replacing cartridges first turn off water supply using the blue angle-stop handle, then turn on the drinking water faucet to relieve any pressure. Once pressure is relieved, replace one cartridge at a time by turning one quarter turn and pulling down slightly. Install new cartridge by pressing up slightly and turning one quarter turn until cartridge stops. Do the same for the rest of the cartridges. Once complete, turn the cold water faucet on and flush the system for three gallons.

- Replace Stage 1 cartridge at 6-months (600 gallons)
- Replace Stage 2 cartridge at 6-months (600 gallons)
- Replace Stage 3 cartridge at 3-months (300 gallons)
- Replace Stage 4 cartridge at 6-months (600 gallons)

## FILTER ACCESS



## FILTER ORDER



## WARRANTY INFORMATION

In accordance with the Manufacturer's warranty, and subject to the conditions hereinafter set forth, Cosan/USA will repair or replace to the original owner, parts or components found to be defective in manufacturing or workmanship. Cosan/USA's liability will not exceed the original cost of the product.

### WARRANTY PERIODS:

All components excluding filters.....1 yr.

Filters.....15 days

**WARRANTIES NOT APPLICABLE:** To defects or malfunctions resulting from failure to properly install, operate or maintain the unit in accordance with printed instructions; to failures resulting from shipment or handling, abuse, accident, negligence, freezing, fire or heat, direct exposure to weather or sunlight, water temperatures and pressures exceeding specifications, flooding or other acts of God not considered normal operating condition; to normal maintenance services and the parts used in connection with such service; to units which are not installed in accordance with applicable local codes, ordinances and good trade practices; if the unit is moved from its original installation location; or if unit is used for purposes other than for what it was designed and manufactured. **Pure Hydration** is not designed for commercial use.



[Cosanusa.net](http://Cosanusa.net) | 888-845-2648 Toll Free