ChargerPro™ Series

CHARGER
Water Treatment Products

TANKLESS REVERSE OSMOSIS
DRINKING WATER SYSTEM

The 'RO' of the system is the secret
RO is Reverse Osmosis. This is the natural process which sets the foundation of RO systems. It may sound technical, but osmosis is a natural, organic phenomenon, a process that occurs in nature on a continuous basis. Vegetation, like trees, plants and flowers attain their nutrients by using osmosis to draw water from the soil.

The Tankless RO Drinking Water System uses a combination of filtration technologies to reduce unwanted contaminants in a water supply. This unit is designed to reduce the dissolved mineral content of the water. In the RO process, dissolved minerals are separated from the incoming water to produce the product water. The excess minerals are rinsed to drain.

Reverse Osmosis (RO) works like this:
The pressure from a household tap forces water through a semipermeable membrane. This membrane separates the water at the molecular level. The membrane acts like a filter, assuring the RO water has substantially reduced impurities and dissolved solids.

The Tankless Reverse Osmosis (RO) Drinking Water System is an optimized to treat city water using the existing water pressure. This RO ensures premium water taste and quality. The easy twist-off, disposable filter cartridges and RO membrane assembly are designed to make installation and replacement quick, easy, and more sanitary.

Features of this Tankless RO System:

- **Ultra-Slim Design:** Maximizes undersink space and offers greater installation flexibility.
- **Fast Flow Rate:** Delivers purified water at 600 GPD (gallons per day) — filtered instantly for quick and convenient use.
- **PCF + Reverse Osmosis Filtration System:** Combines advanced particle removal with high-precision 0.0001-micron filtration to achieve up to 99.99% reduction of heavy metals, bacteria, and organic contaminants, delivering cleaner water.
- **Easy Filter Replacement:** Horizontal pull-out filter design with dual water-stop technology allows for quick, tool-free filter changes without shutting off power or water.
- **Intelligent Filter Life Reminder:** Multiple reminders with faucet ring lights, machine indicators,and a buzzer ensure timely filter replacements.
- **Built-In Leak Sensor:** Instantly detects leaks and triggers an alarm to prevent potential issues





TANKLESS
Reverse Osmosis System

Why Choose the ChargerPro™ TANKLESS RO SYSTEM?

- **Fast Flow and Easy Maintenance**
- **Consistent Water Quality**
- **Environmentally Friendly**
- **Advanced Technology**

Delivering Cleaner, Healthier Water Across America

www.chargerwater.com

ChargerPro™ *Series*

TANKLESS

Reverse Osmosis System

Reverse Osmosis	**Model #** CWUSP20	
	**FEATURES:**	
	Filter Configuration	#1 PP+Carbon (PCF) #2 RO Membrane (RO)
	Rec. #1 PCF Filter Replacement Cycle*	12 months
	Rec. #2 RO Filter Replacement Cycle*	24 months
	Filter Replacement Reminder	Faucet (Lamp Ring) Machine (Indicator Light + Buzzer)
	Water Leak Alarm	Yes
	Net Weight	16.3 lb

*Due to the varying water quality in each region and the different water consumption of users, the replacement time for filters may be different.

RO System includes: faucet with lamp ring

Faucet Mounting Size - 1" or 1.125"

Faucet Material - Brushed Stainless

Recommended Operating Limits for Feed Water (Municipal Tap Water)

Water Pressure	Temperature	Flow Rate (gallons per day)	Inlet Water Interface	Outlet Water Interface
15-58 psi	41-100°F	600 GPD	3/8"	1/4"

Chlorine: Chlorine will damage a TFC Membrane. The Sediment/Carbon Module has been designed to reduce chlorine from the incoming water. Change filter every 6 to 12 months, more often if the water contains more than 1 ppm chlorine.

Bacteria: Must be potable. DO NOT USE WITH WATER THAT IS MICROBIOLOGICALLY UNSAFE OR OF UNKNOWN QUALITY, WITHOUT ADEQUATE DISINFECTION BEFORE THE SYSTEM.