

## REVERSE OSMOSIS DRINKING WATER SYSTEMS

### 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 **ROS-CRO 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:

Water is pressurized through a semipermeable membrane that separates the pure water from the contaminants at a molecular level. The membrane acts like a filter, assuring the RO water has substantially reduced impurities and dissolved solids. This cleaner, more refined water is then stored in a holding tank, ready at your convenience.



*Our ChargerPro Series ROB Reverse Osmosis (RO) Systems are engineered for versatility —powerful enough to handle the demands of small businesses, yet compact and efficient for residential use.*



**ROB Series/ROL Series  
ROIN Series**  
Commercial  
Reverse Osmosis Systems

## Why Choose the ChargerPro™ ROS-CRO SYSTEMS?

### Higher Capacity, Cleaner Water

Removes up to 99% of dissolved salts, lead, and other harmful contaminants, even under heavier water usage.

### Residential-Ready. Commercial-Tough.

Ideal for homes with high TDS and for small commercial settings like cafés, salons, dental offices, and more.

### Flexible Installations

Designed for mechanical or utility room setups or industrial spaces.

### Consistent Flow, Less Waste

Delivers a steady supply of high-quality water while maximizing efficiency and reducing wastewater.

### Protects Equipment & Appliances

Reduces scale buildup and mineral deposits in steamers, humidifiers, espresso machines, and water-fed devices.

### Reliable Filtration Technology

Uses advanced multi-stage filtration with durable membranes and long-life components to ensure performance over time.

### REDUCED CONTAMINANTS:

*Arsenic, Barium, Cadmium, Chromium III & VI, Copper, Fluoride, Lead, Nitrate, Nitrite, Radium 226 & 228, Selenium, Turbidity, TDS*



*Delivering Cleaner, Healthier  
Water Across America*

[www.chargerwater.com](http://www.chargerwater.com)



MODEL #:	Pressure (S) - 150 psi (H) - 225 psi	Membranes (01-04) - # of Membranes	Phase & Voltage (optional power) (xx)	Pump Horsepower	Dimensions (Inches)	Production (GPD / GPM)
ROBS-01xx	150 psi	1	(11) - 1-PH, 110V or (12) - 1-PH, 230V	1.0hp	20" W x 20"D x 60"H	2,500 / 1.7
ROBS-02xx	150 psi	2		1.0hp		5,000 / 3.4
ROBS-03xx	150 psi	3		2.0hp	24" W x 20"D x 60"H	7,500 / 5.2
ROBS-04xx	150 psi	4		2.0hp		10,000 / 6.9
ROBH-01xx	225 psi	1	(11) - 1-PH, 110V or (12) - 1-PH, 230V	1.0hp	20" W x 20"D x 60"H	2,000 / 1.4
ROBH-02xx	225 psi	2		1.0hp		4,000 / 2.7
ROBH-01xx	225 psi	3		2.0hp	24" W x 20"D x 60"H	6,000 / 4.1
ROBH-02xx	225 psi	4		2.0hp		8,000 / 5.5

### ROBC/ROBH Series Base Commercial RO Systems

- From 1 to 4 membrane systems - up to 10,000 gpd
- ROBS Standard pressure (150 psi), ROBH High Pressure (225 psi)
- Digital TDS of permeate and feed water
- Recycle valve; optional auto membrane flush
- NSF membranes with 99% rejection rates
- (3) Flow meters - permeate, concentrate, and recycle
- (4) Pressure gauges - inlet, filter, pump, and pressure



MODEL #:	Pressure (L) - 100 psi (H) - 225 psi	Membranes (01-04) - # of Membranes	Phase & Voltage (optional power) (xx)	Pump Horsepower	Dimensions (Inches)	Production (GPD / GPM)
ROLS-01xx	150 psi	1	(11) - 1-PH, 110V or (12) - 21-PH, 230V	1.0hp	20" W x 20"D x 60"H	2,500 / 1.7
ROLS-02xx	150 psi	2		1.0hp		5,000 / 3.4
ROLS-03xx	150 psi	3		2.0hp	24" W x 20"D x 60"H	7,500 / 5.2
ROLS-04xx	150 psi	4		2.0hp		10,000 / 6.9
ROLH-01xx	225 psi	1	(11) - 1-PH, 110V or (12) - 1-PH, 230V	1.0hp	20" W x 20"D x 60"H	2,000 / 1.4
ROLH-02xx	225 psi	2		1.0hp		4,000 / 2.7
ROLH-01xx	225 psi	3		2.0hp	24" W x 20"D x 60"H	6,000 / 4.1
ROLH-02xx	225 psi	4		2.0hp		8,000 / 5.5

### ROLC/ROLH Series Light Commercial RO Systems

- From 1 to 4 membrane systems - up to 10,000 gpd
- ROLS Standard pressure (150 psi), ROLH High Pressure (225 psi)
- Auto membrane flush, recycle valve, and ROC controller with permeate TDS (optional feedwater TDS)
- NSF membranes with 99% rejection rates
- (3) Flow meters - permeate, concentrate, and recycle
- (4) Pressure gauges - inlet, filter, pump, and pressure



MODEL #:	Pressure 150 psi Only	Membranes (01-12) - # of Membranes	Phase & Voltage (optional power) (xx)	Pump Horsepower	Dimensions (Inches)	Production (GPD / GPM)
ROIN-01xx	150 psi	1	(11) - 1-PH, 110V	1.0hp	30" W x 36"D x 72"H	2,500 / 1.7
ROIN-02xx	150 psi	2	(12) - 1-PH, 230V	1.0hp		5,000 / 3.4
ROIN-03xx	150 psi	3	(32) - 3-PH, 208V	2.0hp		7,500 / 5.2
ROIN-04xx	150 psi	4	(34) - 3-PH, 460V	2.0hp		10,000 / 6.9
ROIN-06xx	150 psi	6	(32) - 3-PH, 208V or (34) - 3-PH, 460V	3.0hp	30" W x 36"D x 72"H	15,000 / 10.4
ROIN-08xx	150 psi	8		3.0hp		20,000 / 13.8
ROIN-09xx	150 psi	9		5.0hp	*No Carbon Filter mounting capability	22,000 / 15.6
ROIN-12xx	150 psi	12		5.0hp		30,000 / 20.8

### ROIN Series Industrial Commercial RO Systems

- From 1 to 12 membrane systems - up to 30,000 gpd
- Standard pressure (150 psi) systems
- Auto membrane flush, recycle valve, and ROC controller with permeate TDS (optional feedwater TDS)
- NSF membranes with 99% rejection rates
- (3) Flow meters - permeate, concentrate, and recycle
- (3) Pressure gauges - inlet, pump, and pressure

\*Production rates will vary based upon many variables including feed water quality, temperature, and pressure

\*\*1-4 Membrane ROIN systems include integrated, pre-plumbed carbon filter.