



# S-SERIES

## REVERSE OSMOSIS

### WATER SYSTEMS

S-710 • S-1400 • S-2500

### Why Reverse Osmosis (RO)?

Contaminants, both man-made and natural, exist in our drinking water. The concentration of contaminants in water can vary drastically between regions, states, and even city blocks. Contaminants can significantly impact the taste and smell of water, the lifespan of equipment and our health and wellness. Water is a crucial ingredient in brewed beverages; therefore, water quality is paramount. High concentrations of total dissolved solids (TDS) can negatively impact equipment life, beverage quality and flavor, and the guest experience.

### S-Series RO Overview

Kineticopro's S-Series commercial reverse osmosis systems are designed to help remove TDS in commercial foodservice applications with medium to high water volumes.



#### Guest Experience

- Advanced membrane technology to help remove TDS
- Hollow carbon prefiltration to enhance taste and remove odors
- Whisper-quiet operations
- Innovative blending valve to achieve recipe specifications



#### Operational Efficiency

- Customizable settings via built-in controller
- Medium to high capacity (700 - 2,500 GPD)
- Space-saving design
- Flexible mounting options
- EverClean<sup>®</sup> Rinse ensures consistently-high water quality, extends membrane life and lowers maintenance costs



#### Equipment Protection

- Prolongs equipment life
- Reduces harmful TDS and hardness
- Reduces scale and particulates
- Helps to reduce unnecessary and costly service calls



#### Environmentally Friendly

- Optimized water production
- Designed to maximize water conservation and minimize wastewater



### APPLICATION USE



#### Coffee/Tea

Maintain recipe compliance



#### Espresso

Achieve optimal flavor profile



#### Ice Machine

Deliver crystal clear ice

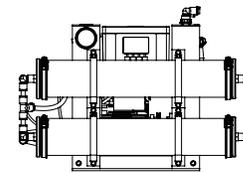
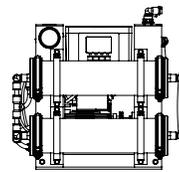
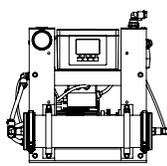


#### Steamers/Combi Ovens

Protect equipment from TDS and hardness

\* Source: Kineticopro proprietary patron research study, July 2019.

# SPECIFICATIONS



	S-710			S-1400			S-2500		
<b>Part Number</b>	109903	109902	109900	109913	109912	109911	109923	109922	109921
<b>Efficiency Rate</b>	75%	65%	50%	75%	65%	50%	75%	65%	50%
<b>System Size (w x d x h) inches</b>	21" x 14" x 19.5"			21" x 14" x 19.5"			28" x 14" x 19.5"		
<b>System Size (w x d x h) centimeters</b>	53 x 35 x 50			53 x 35 x 50			71 x 35 x 50		
<b>Membrane Type</b>	TF Low Energy			TF Low Energy			TF Low Energy		
<b>EverClean® Rinse</b>	Standard			Standard			Standard		
<b>Power (Voltage, Hz)</b>	115, 50/60			115, 50/60			115, 50/60		
<b>Feed Pressure (psi/bar)</b>	45 - 75 / 3.1 - 5.2			45 - 75 / 3.1 - 5.2			45 - 75 / 3.1 - 5.2		
<b>Operating Temperature (°F/°C)</b>	36 - 104 / 2.2 - 40			36 - 104 / 2.2 - 40			36 - 104 / 2.2 - 40		
<b>Inlet Flow Rate (gpm/Lpm)*</b>	0.65 / 2.46			1.29 / 4.88			2.32 / 8.78		
<b>Permeate Flow Rate (gpm/Lpm)*</b>	0.49 / 1.85			0.97 / 3.67			1.74 / 6.99		
<b>Reject Flow Rate (gpm/Lpm)*</b>	0.16 / 0.61			0.32 / 1.21			0.98 / 2.20		
<b>Rejection Rate - NaCl**</b>	96%			96%			96%		
<b>Daily Production (gpd/Lpd)*</b>	710 / 2,688			1,400 / 5,300			2,500 / 9,464		
<b>TDS (Max) as NaCl mg/L</b>	2,500			2,500			2,500		
<b>Flexible Mounting</b>	Wall/Rack System/Cart			Wall/Rack System/Cart			Wall/Rack System/Cart		

\* Based on 77°F (25°C), 500 ppm TDS softened feed, permeate to atmospheric tank, 50 psi (3.45 bar) inlet pressure at 60 Hz.

\*\* With blending valve closed.

† Note: The S-Series systems achieve highest efficiency with softener pretreatment or low hardness.

## STORAGE TANK OPTIONS

Pair the S Series RO with the optimal storage tank to meet peak usage requirements.

	S-710	S-1400, S-2500	S-1400, S-2500
<b>Tank Type</b>	Bladder	Bladder	Bladder
<b>Tank Description</b>	20 gal	40 gal	80 gal
<b>Tank Height inches</b>	33"	36"	47"
<b>Tank Diameter inches</b>	15" DIA	22" DIA	26" DIA
<b>Material</b>	Lined Steel	Lined Steel	Lined Steel

## EFFORTLESS TOTAL WATER CARE

KineticoPRO offers a complete range of commercial water treatment solutions. Based on a per-location water analysis, we will work with you to prescribe the ideal water filtration, softening, and reverse osmosis solutions to optimize your water quality and protect your equipment.



**POE & POU  
Water Softeners**



**Water Filtration**



**RO Systems**



Point-of-Entry System Certified by IAPMO R&T against NSF/ANSI 61 for material safety only. Not certified for Contaminant Reductions or Structural Integrity by IAPMO R&T.



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