



# W-SERIES

## REVERSE OSMOSIS

### WATER SYSTEMS

W-500 • W-1000

Deliver consistent quality coffee in every cup!

### W-Series RO Overview

Water is a crucial ingredient in brewed beverages and ice production; 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. Kineticopro's innovative W-Series RO systems are designed to deliver ingredient water and protect medium-volume applications, delivering 500 to 1,000 gallons per day of high quality water.



#### Guest Experience

- Integrated blending option delivers a precise TDS profile resulting in optimal beverage & ice quality.
- TDS monitor used with blending capability delivers desired TDS profile, helping to maintain a consistent high-quality beverage experience.
- Maintains beverage recipe compliance for a consistent, high-quality experience.



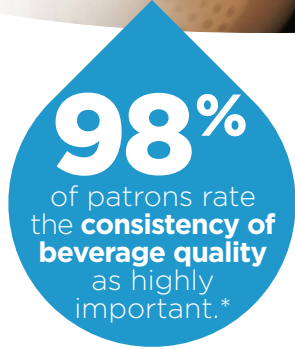
#### Operational Efficiency

- Whisper-quiet DC motor operation allows for flexible installation needs.
- Dynamic design offers multiple wall-mounting configurations, freeing up floor space for easier cleaning.
- No special electrical requirements - compatible with standard AC electrical outlet.
- Powder-coated steel shroud allows for hassle-free system cleaning.
- Integrated circulation loop ensures maximum RO system efficiency.



#### Environmentally Friendly

- Low energy membrane reduces energy consumption.
- High efficiency membrane process requires less water to produce each gallon of high-quality water, helping to minimize wastewater.



### APPLICATION USE



#### Coffee/Tea

Maintain recipe compliance



#### Espresso/Cappuccino

Achieve optimal flavor profile



#### Ice Machine

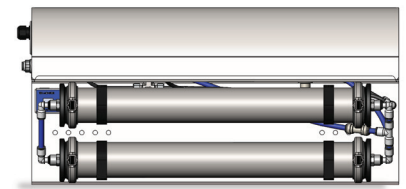
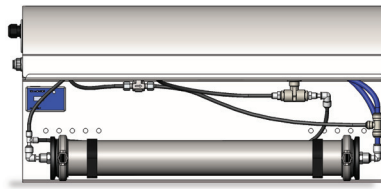
Deliver crystal clear ice



#### Steamers/Combi Ovens

Protect equipment from TDS and hardness

# SPECIFICATIONS



	W-500		W-1000	
<b>Part Number</b>	109820	109825	109830	109835
<b>Daily Production (gpd/Lpd)<sup>1</sup></b>	500 / 1893	450 / 1703	1000 / 3785	900 / 3407
<b>Rejection Rate<sup>1</sup></b>	95%			
<b>Efficiency Rate<sup>2</sup></b>	70%			
<b>Blending Capability</b>	Yes	No	Yes	No
<b>System Size (inches)</b>	30"W x 8"D x 14"H			
<b>Weight, Dry (lbs/kg)</b>	32 / 14.5		38 / 17.2	
<b>Weight, Wet (lbs/kg)</b>	34 / 15.4		41 / 18.5	
<b>Power</b>	115, 50/60			
<b>Pump/Motor</b>	24VDC, 1.7gpm			
<b>Feed Pressure (psi/bar) <sup>3</sup></b>	30-65 / 2.1-4.5			
<b>Operating Temperature (°F/°C)</b>	35-90 / 1.67-32.22			
<b>Membrane Type</b>	TF Low Energy			
<b>Max Feed Water TDS (ppm)</b>	2000			
<b>Installation Mounting</b>	Wall-mounted to Studs			

<sup>1</sup> Measured with prefiltered, softened water at 500 mg/L TDS, 45 psi inlet pressure, and 77°F at 60 Hz. Membrane performance may vary +/- 15%.

<sup>2</sup> The W-Series systems achieve highest efficiency with softener pretreatment or low hardness. Highest productivity is achieved with integrated blending capability for listed part numbers.

<sup>3</sup> A pressure regulator must be installed to ensure inlet pressure does not exceed 65 psi / 4.48159 bar.

## STORAGE TANK OPTIONS

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

	W-500, W-1000		W-1000
<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**