



# NSC-SERIES REVERSE OSMOSIS WATER SYSTEMS

NSC-120 • NSC-250

## Water Quality Makes A Difference.

### NSC-Series RO Overview

Water is a crucial ingredient in brewed beverages. Water with a high concentration of total dissolved solids (TDS) can negatively impact equipment life, beverage quality, flavor, and the guest experience. Kineticopro's NSC Series reverse osmosis systems are ideal for low to medium volume applications where space is at a premium. Proprietary, encapsulated cartridges make for easy, quick and sanitary filter changes.



#### Guest Experience

- Delivers high quality pure water to your application by removing dissolved solids (TDS).
- Ideal for small restaurants, coffee shops and kiosks with low to medium capacity volumes of high quality water.

#### Kineticopro NSC Reverse Osmosis Options:

- Prefiltration significantly reduces suspended solids and improves feed water quality.
- Softener pretreatment eliminates hardness to improve feed water quality, reduce membrane fouling and extend membrane life.
- Storage systems provide a constant supply and pressure of high-quality water.



#### Operational Efficiency

- Able to connect to a product water bladder tank for purified water delivery to downstream equipment.
- Integrated blending valve and TDS meter allow for precise TDS profiles.
- Space-saving design offers flexible mounting options.
- Designed to maximize water conservation.



NSC-250

### APPLICATION USE



#### Coffee/Tea

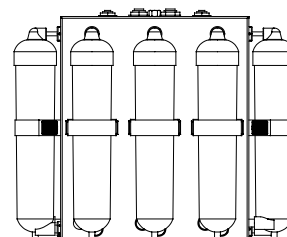
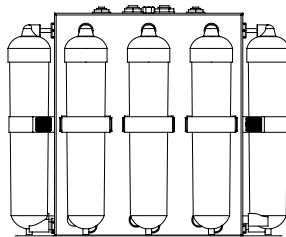
Maintain recipe compliance



#### Espresso/Cappuccino

Achieve optimal flavor profile

# SPECIFICATIONS

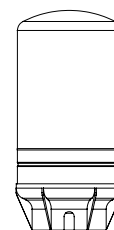
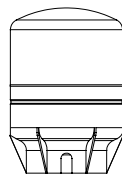


	NSC-120	NSC-250
<b>Part Number</b>	16876	16877
<b>System Size (w x d x h) inches</b>	17" x 9" x 15"	17" x 9" x 15"
<b>System Size (w x d x h) centimeters</b>	43 x 23 x 38	43 x 23 x 38
<b>Membrane Cartridges</b>	(1) TF Low Energy	(2) TF Low Energy
<b>Pretreatment</b>	Option	(1) Anti-scalant Media Cartridge
<b>Prefiltration</b>	(2) Sediment/GAC Cartridges	(2) Sediment/GAC Cartridges
<b>Postfiltration</b>	(2) GAC Cartridges	Option
<b>Power (Voltage, Hz)</b>	115, 50/60	115, 50/60
<b>Feed Pressure (psi/bar)</b>	40 - 80 / 2.8 - 5.5	40 - 80 / 2.8 - 5.5
<b>Operating Temperature (°F/°C)</b>	36 - 104 / 2.2 - 40	36 - 104 / 2.2 - 40
<b>Rejection Rate - NaCl**</b>	96%	96%
<b>Daily Production (gpd/Lpd)*</b>	120 / 454	250 / 946
<b>TDS (Max) as NaCl mg/L</b>	2,000	2,000

\* Based on 77°F (25°C), softened feed, permeate to atmospheric tank, 50 psi (3.45 bar) inlet pressure  
 \*\* With blending valve closed

## STORAGE TANK OPTIONS

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



	NSC-120, NSC-250	NSC-120, NSC-250
<b>Tank Type</b>	Bladder	Bladder
<b>Tank Description</b>	14 gal	20 gal
<b>Tank Height in/cm</b>	15 / 38.1	15 / 38.1
<b>Tank Diameter in/cm</b>	23 / 58.4	33 / 83.8
<b>Material</b>	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



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