



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

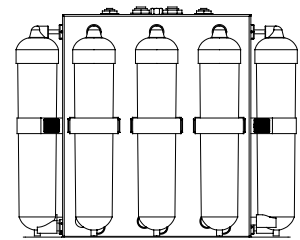
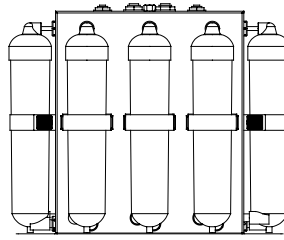
Maintain recipe compliance



Espresso/Cappuccino

Achieve optimal flavor profile

SPECIFICATIONS

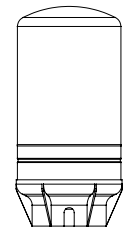
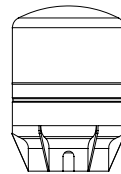


	NSC-120	NSC-250
Part Number	16876	16877
System Size (w x d x h) inches	17" x 9" x 15"	17" x 9" x 15"
System Size (w x d x h) centimeters	43 x 23 x 38	43 x 23 x 38
Membrane Cartridges	(1) TF Low Energy	(2) TF Low Energy
Pretreatment	Option	(1) Anti-scalant Media Cartridge
Prefiltration	(2) Sediment/GAC Cartridges	(2) Sediment/GAC Cartridges
Postfiltration	(2) GAC Cartridges	Option
Power (Voltage, Hz)	115, 50/60	115, 50/60
Feed Pressure (psi/bar)	40 - 80 / 2.8 - 5.5	40 - 80 / 2.8 - 5.5
Operating Temperature (°F/°C)	36 - 104 / 2.2 - 40	36 - 104 / 2.2 - 40
Rejection Rate - NaCl**	96%	96%
Daily Production (gpd/Lpd)*	120 / 454	250 / 946
TDS (Max) as NaCl mg/L	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
Tank Type	Bladder	Bladder
Tank Description	14 gal	20 gal
Tank Height in/cm	15 / 38.1	15 / 38.1
Tank Diameter in/cm	23 / 58.4	33 / 83.8
Material	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



1.800.321.5022
www.KineticoPRO.com
WaterCare@KineticoPRO.com