

ROAX N-SERIES RO WATER SYSTEMS

N1-2000 • N2-4000 • N3-6000 • N4-8000 • N6-12000

A reliable solution for your high quality, high volume water needs.

ROAX Overview

Kineticco's ROAX N-Series combines rugged construction and high-volume output within a very small vertical footprint. Proprietary controller technology makes startup easy and provides automated maintenance notifications and service diagnostics. The ROAX is optimal for operations that run 24/7, experience high-volume drawdowns and use more than 2,000 gallons per day.



Equipment Protection

- High efficiency, low energy reverse osmosis membranes produce high quality water for improved performance and increased life span of downstream equipment.
- The pump and TEFC motor are made with corrosion-resistant stainless steel to prolong equipment life and enable the system to endure harsh environments.



Operational Efficiency

- Provides 2,000 - 12,000 GPD of high quality water at a constant pressure to meet fluctuating demands.
- Advanced system controller monitors pressure, TDS and maintenance schedules. Includes diagnostics and data connectivity.
- Conserves water and floor space. Engineered, skid-mounted options include pre- and post-treatment in a modular system design.
- Monitors water usage with permeate, brine and recirculation flow meters.
- Engineered controller flushes system with pre-filtered water at shutdown and startup to enhance TDS meter accuracy.



ROAX RO Water Systems Common Market Segments



HVAC - Heating & Air



Server Farms/Data Centers



Car Washes

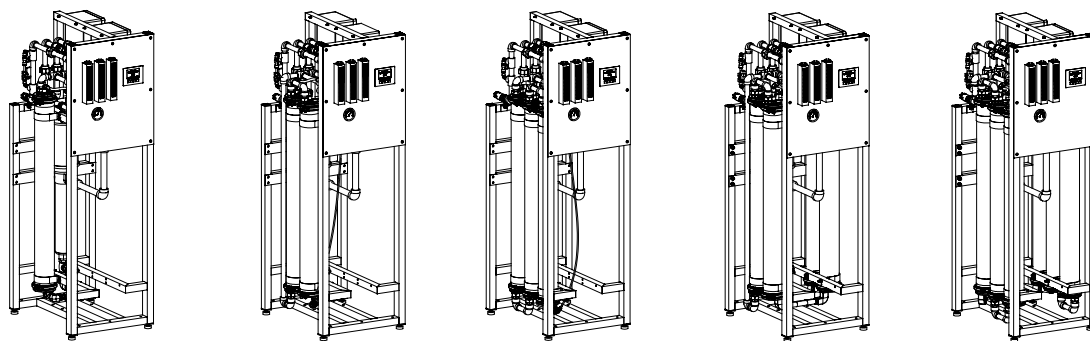


Printing Facilities



Hydroponics

Also Used for:
Cafeterias, Misting,
Restaurants

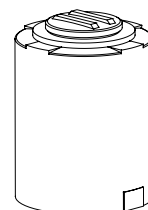
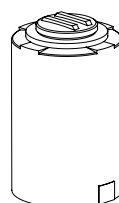


SPECIFICATIONS

	N1-2000	N2-4000	N3-6000	N4-8000		N6-12000	
Part Number(s)	16930	16931	16932	16933	16934	16935	16936
System Size (w x d x h) in	20 x 28 x 64	20 x 28 x 64	20 x 28 x 64	20 x 28 x 64		20 x 28 x 64	
System Size (w x d x h) cm	51 x 71 x 163	51 x 71 x 163	51 x 71 x 163	51 x 71 x 163		51 x 71 x 163	
Membrane Type	TF Low Energy	TF Low Energy	TF Low Energy	TF Low Energy		TF Low Energy	
Filtered Water System Flush	Standard	Standard	Standard	Standard		Standard	
Voltage (V) 50/60 Hz	1 x 230 V	1 x 230 V	1 x 230 V	3 x 230 V	3 x 460 V	3 x 230 V	3 x 460 V
Inlet Pressure (psi/bar)	30 - 100/2.1 - 6.9	30 - 100/2.1 - 6.9	30 - 100/2.1 - 6.9	30 - 100/2.1 - 6.9		30 - 100/2.1 - 6.9	
Operating Temperature (°F/°C)	36-100/2.2-37.8	36-100/2.2-37.8	36-100/2.2-37.8	36-100/2.2-37.8		36-100/2.2-37.8	
Permeate Flow Rate (gpm/Lpm)*	1.39/5.26	2.78/10.52	4.17/15.79	5.56/21.05		8.33/31.53	
Maximum Efficiency Rate	70%	70%	70%	70%		70%	
Rejection Rate - NaCl	96%	96%	96%	96%		96%	
Daily Production (gpd/Lpd)*	2,000 / 7,572	4,000 / 15,144	6,000 / 22,717	8,000 / 30,289		12,000 / 45,425	
TDS (Max) as NaCl mg/L	2,500	2,500	2,500	2,500		2,500	

* 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.

STORAGE TANK OPTIONS



	N1-2000, N2-4000		N3-6000, N4-8000, N6-12000
Tank Description	300 gallon	550 gallon	1000 gallon
Tank Height (inches)	80"	83"	84"
Tank Diameter (inches)	35" DIA	48" DIA	64" DIA
Material	HDPE	HDPE	HDPE

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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Made in U.S.A. 16894C_SELL SHEET_ROAX SERIES_04-21