



 **Kinetico®**  
water systems

Taste The Difference Today.

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Third Party Validation



WQA Validation, 5-200. Assurance that product meets industry standards for performance, capacity and longevity.



Kinetico Reverse Osmosis Drinking Water Systems are tested and certified by NSF International

Kinetico whole-house water filter system is engineered to solve virtually any water problems leaving only clean, worry-free drinking water for your entire home without using electricity. That's how you can feel and taste the difference today.

## Whole-House Water Filters

Kinetico's Non-Electric systems operate without the need for electricity. The automatic self-cleaning process switches between tanks to provide clean water 24 hours a day. A healthy life starts a clean of water from the main water supply.

## MACH Series



### Automatic, Non-electric Control Valve

The patented Kinetico Control Valve runs on water pressure and is self automated.



### Metered, Demand Control

A meter counts the volume of water that has been filtered and initiates backwashing, a self-cleaning process.



### Macrolite Media

Removes particles as small as three microns and flushes clean at lower backwash rates.



### Twin Tank Design

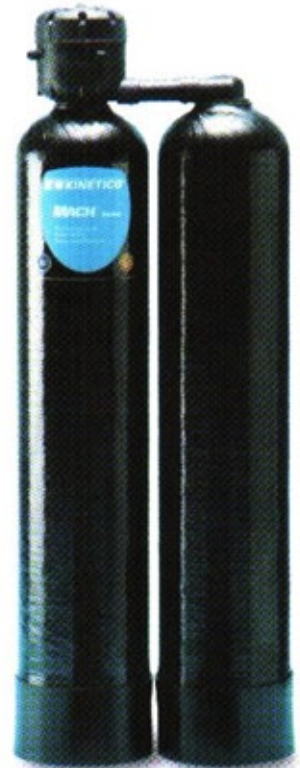
Two tanks alternates deliver of uninterrupted supply of filtered water.

Other systems in the market only has one tank and therefore cannot clean themselves.



### 10 Year Warranty

Tank, control valve and media are guaranteed up to 10 years giving a peace of mind to each purchase.



### By-pass Valve

- Single handle design
- Three setting positions
- Flexible installation easy to use

# Combination Treatment System

## Quad Tank

Kinetico Mach Series combination systems provide clear, clean, soft water throughout your entire home. When multiple contaminants are a concern, look to Kinetico's combination filters.

Harnessing the power of Mach technology and combining softening and filtration into one product, Mach Series combination systems deliver soft, filtered water at some of the highest flow rates.

## MACH Series

### 1 MACROLITE®



### 2 CARBON



## Other available media:

Carbon	removes chlorine, objectionable taste, odour and colour from water supply.
Macrolite media	removes oxidized iron and suspended matter
Calcite	raises the pH of acidic water
Multimedia systems	offer a variety of filtration options within one system
Greensand	oxidizes and filters iron, manganese and hydrogen sulfide from water supply
Brim	removes iron and / or manganese from well water supply
Filter Ag	filter suspended matter down to 20 micron



# Drinking Water System



## K2

Offers comprehensive reverse osmosis filtration in a basic, economical product. The system significantly reduces taste, odor, lead, nitrate, cysts and other unwanted substances to provide clean, clear, great-tasting drinking water.

Warranty: 7 years on system and 2 years on RO membrane



## MACguard®

Uses activated carbon media to reduce contaminants including lead, VOC, MTBE, cysts, cryptosporidium and chlorine.

It features are: PureMometer® Life Indicator, Patented MACguard® and Quick-Disconnect cartridges.

Warranty: 1 year on system

# Drinking Water System



## K5

Only one drinking water system is so advanced that it can eliminate nearly everything from your home's drinking water that isn't water: The Kinetico K5 Drinking Water Station.

- Certified to remove more contaminants than any other system.\*
- It's customizable to your home's specific filtration needs.
- It's expandable as your water filtration needs change over time.

\*2007 NSF certification among reverse osmosis systems.

Warranty: 7 years on system and on RO membrane



### 1 PreFilter

The PreFilter removes chlorine used in large-scale municipal water treatment, as well as sediment particulates.

### 2 Reverse Osmosis Filtration

Water is forced through a semi-permeable membrane that filters inorganic contaminants like metal and nitrates.

### 3 FlexFiltration\*

Revolutionary dual FlexFilters provide customizable filtration to tackle your water's individual filtration needs. Use any two of the following cartridges or none - the choice is yours.

#### Purefecta Guard

Removes 99.99999% of bacteria and viruses generating biopure drinking water.

#### Guard

Eliminates volatile organic compounds in water such as pesticides, paints and cleaning supplies.

#### Arsenic Guard

An added layer of protection for water that has been shown to contain higher levels of arsenic to ensure its complete removal.

#### Perchlorate Guard

Occurring as certain forms of manufacturing, perchlorate has been shown to have adverse effect on thyroid.

#### Mineral Plus

This cartridge allows you to add beneficial minerals such as magnesium and calcium to your treated water.

\* Note: FlexFiltration is optional and is not included in the purchase of the standard K5 Drinking Water System.

### 4 PostFilter

The PostFilter removes any remaining inorganic compounds that could cause foul taste or odour.



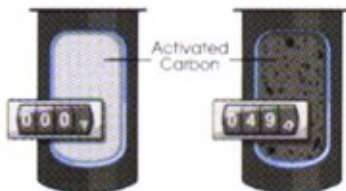
# Kinetico System Features



## Reverse Osmosis

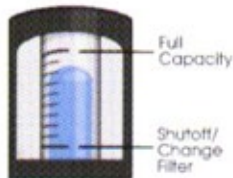
A filtering process where water is pushed through a semipermeable membrane to trap contaminants for the safest, best-tasting drinking water.

- ☞ Untreated Water (In)
- ☞ Treated Water (Out)



## MACguard® Filter

Eliminates the guesswork from filter changes by measuring water use to accurately determine when change is required.



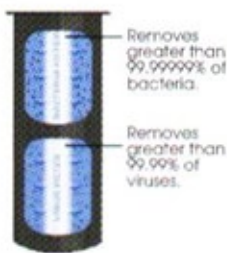
## PureMometer®

Indicates how much filter capacity remains and even shuts off automatically when expired to safeguard against impurities.



## EverClean® Rinse

Our patented method for rinsing the reverse osmosis membrane with the very same high-quality water produced by the system, which prolongs the life of the filter.



## Purefecta® Filter

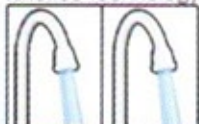
Combination medical-grade virus and bacteria filter eliminates 99.99% of viruses and 99.99999% of bacteria. For some, it's a lifesaver. For others, it's peace of mind.

## Traditional Technology



INITIAL FLOW RATE DIMINISHES AFTER 1 MINUTE

## Kinetico Technology



INITIAL FLOW IS MAINTAINED AFTER SEVERAL MINUTES

## Quickflo®

Creates a consistently high flow of water from the tap no matter how little drinking water remains in the tank.



## Commercial Use



### Mach Series® Filter / Softener Specifications

	20 30	20 60	2 100	213	4060f	2060s
Height - A (mm)	890 (36")	1170 (46")	1525 (60")	1525 (60")	1170 (46")	1170 (46")
Width - B (mm)	430 (17")	430 (17")	530 (21")	690 (27")	430 (17")	430 (17")
Diameter - C (mm)	210 (8")	210 (8")	254 (10")	330 (13")	210 (8")	210 (8")
Total Regeneration Time - (minutes)	20	20	20	20	20	45
Backwash Flow Rate - (LPM)	13	15	22	22	11	8
Service Flow Rate - (LPM)	15	30	40	60	42	44
Peak Flow Rate - (LPM)	30	50	70	80	70	67

Minimum Operating Pressure : 30 psi  
 Maximum Operating Pressure : 120 psi  
 Backwash Pressure Drop : 15 psi

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