

# Kinetico K5 Drinking Water Station

## System Components

Cartridge Ports .....	3 - 5
Prefilter (Qty.)	
Chlorinated Feed Water.....	(1) Activated Carbon Fiber Element
Non-chlorinated Feed Water.....	(1) 5 Micron Sediment
Membrane Housing (Qty.) .....	(1) Quick Connect, Engineered Plastic
Membrane (Qty.) .....	(1) Thin Film Composite
Membrane Size .....	75 gpd - 1.7" x 11.0" (9.5 ft <sup>2</sup> )
Auxiliary #1 or #2.....	Purefecta Virus/Bacteria Guard
Auxiliary #1 or #2.....	VOC Guard
Auxiliary #1 or #2.....	Arsenic Guard
Auxiliary #1 or #2.....	Perchlorate Guard
Auxiliary #1 or #2.....	Chloramine Guard
Auxiliary #1 or #2.....	Mineral Plus
Postfilter (Qty.) .....	(1) Activated Carbon Block
Permeate Flush .....	Permeate Reservoir, 200 mL
Array Configuration.....	Single
System Shutoff Control.....	Hydraulic Controller
System Shutdown.....	500 gallons, Permeate Metered
System Controller.....	Hydraulic Controller
Manifold.....	Plastic
Cabinet.....	Plastic

## Inlet Water Quality

Pressure .....	35 – 125 psi Dynamic Pressure
Temperature Range .....	35 – 100° F
pH Range .....	3 – 11 SU
Free Chlorine Cl <sub>2</sub> (Max.)	
with Carbon Pre-filter .....	4.0 mg/L
with Sediment Pre-filter.....	0.00 mg/L
Hardness as CaCO <sub>3</sub> (Max.) .....	<10 gpg (170 mg/L)
Silica (Max.).....	10.0 mg/L
Iron (Max.).....	<0.01 mg/L
Total Dissolved Solids, TDS (Max.) .....	<3,000 mg/L

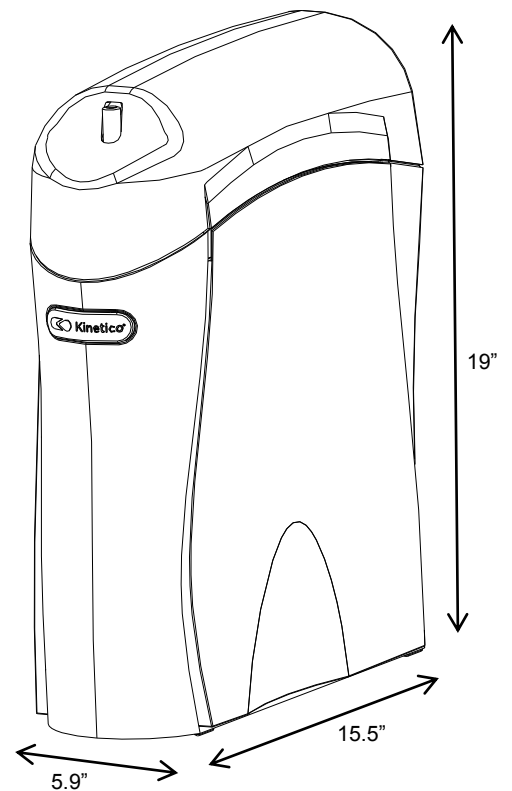
Note: TDS levels above 1,500 mg/L must have greater than 50 PSI

## Operating Specs

Daily Production (77° F, 500 mg/L Feed Water)	
Water on Water Tank .....	40.6 gallons/day
Air Charge Tank .....	20.4 gallons/day
Recovery	
Water on Water Tank .....	39.9%
Air Charge Tank .....	43.2%
Reject Rate (NaCl / CaCO <sub>3</sub> )	
Water on Water Tank .....	93.7%
Air Charge Tank .....	91.9%
Normal Operating Pressure .....	60 psi
Dimensions (Width x Depth x Height) .....	5.9" x 15.5" x 19"
Weight (Operating / Shipping).....	15 / 8 lbs.

## Connections

Inlet .....	3/8" Tube
Permeate.....	3/8" Tube
Drain Connection.....	3/8" Tube
Everclean® Rinse.....	Internal
Power .....	None



## Part Numbers

K5 Base System ..... 12799

### Tanks

3 Gallon Water on Water Tank with QuickFlo Technology ..... 12754  
 3 Gallon Air Charge Tank ..... 9344B  
 10 Gallon Air Charge Tank ..... 12968

### Cartridges

Prefilter - Sediment Removal (Case of 12 - 9309A) ..... 9419A  
 Prefilter - Chlorine Removal (Case of 12 - 9461A) ..... 9462A  
 Auxiliary Cartridge - VOC Guard (Case of 12 - 12778) ..... 13180  
 Auxiliary Cartridge - Purefecta Virus/Bacteria Guard (Case of 12 - 12873B) ..... 12874  
 Auxiliary Cartridge - Purefecta Virus/Bacteria Guard (1 Cartridge) ..... 12873B  
 Auxiliary Cartridge - Perchlorate Guard (Case of 12 - 11682) ..... 11688  
 Auxiliary Cartridge - Arsenic Guard (Case of 12 - 11781) ..... 11687  
 Auxiliary Cartridge - Chloramine Guard (Case of 12 - 14302) ..... 13766  
 Auxiliary Cartridge - Mineral Plus (Case of 12 - 13041) ..... 13045  
 MAC Post Filter - Granular Activated Carbon (Case of 12 - 9306B) ..... 12673

### Faucets

Designer Chrome, Hi Flow Faucet ..... 12725  
 Designer Brushed Nickel, Hi Flow Faucet ..... 12770  
 Designer Bright Nickel, Hi Flow Faucet ..... 12767  
 Designer Copper, Hi Flow Faucet (Antique Bronze) ..... 12764  
 Designer Black, Hi Flow Faucet ..... 12766  
 Designer White, Hi Flow Faucet ..... 12765  
 Designer Biscuit Hi Flow Faucet ..... 12768  
 Designer Brass Hi Flow Faucet ..... 12769  
 Designer Brushed Stainless, Hi Flow Faucet ..... 13289  
 Contemporary - Chrome, Hi Flow Faucet ..... 13290  
 Contemporary - Satin Nickel, Hi Flow Faucet ..... 13291  
 Combination Faucet - Dual Spout Chrome ..... 12963  
 Combination Faucet - Dual Spout Satin Nickel ..... 12964  
 Combination Faucet - Single Spout Chrome ..... 12965  
 Combination Faucet - Single Spout Satin Nickel ..... 12966

### Installation Accessories

K5 Wall Mount Adapter Kit ..... 13050  
 Water on Water Tank Wall Mount Adapter ..... 10798  
 Sanitization Kit for 10 Units ..... 13038A  
 Chlorine Dioxide Packets ..... 12071  
 Air Tank Conversion Kit for 10 Units ..... 12797C  
 3/8" Tubing - 10 Feet ..... 8556A  
 3/8" Tubing - 100 Feet ..... 1890  
 Faucet Air Gap Kit ..... 12961A  
 Softener Elbow with RO Feed Connection ..... 11846  
 Faucet Conversion Kit - Old Style to K5 ..... 12962  
 K5 Service Kit ..... 13185

The Kineticco K5 Drinking Water Station offers exclusive seven-stage protection to ensure you're always getting good, clean water. The K5 Drinking Water Station reduces the heavy metals, chemicals, minerals, and objectionable tastes and odors that may be in your water. We even offer a cartridge that adds valuable minerals to your treated drinking water.

### Stage 1 - Prefilter

The first filtration stage prepares the water for the reverse osmosis process. The five-micron filter captures sediment and small particulate matter, and reduces chlorine protecting the reverse osmosis membrane and enhancing its performance.

### Replacement Cartridges:

- Sediment Prefilter - Part number 9309A
- Carbon and Sediment Prefilter - Part number 9461A

#### Stage 2 – Reverse Osmosis Membrane

After prefiltration, the water travels to the reverse osmosis membrane where the primary cleaning is performed. Here, water is forced through a semipermeable membrane under pressure, and most minerals, chemicals or objectionable matter that might have been in your water are flushed down the drain.

##### Replacement:

Reverse Osmosis Membrane – Part number 12752

#### Stage 3 – Auxiliary Filter #1 and Stage 4 – Auxiliary Filter #2

The next two stages allow you the flexibility to meet your needs, by offering you a variety of cartridges.

**Purefecta Bacteria/Virus Guard** – is certified by the WQA to remove more than 99.99% of viruses and 99.99999% of bacteria. When used in conjunction with an air charge tank and prefilter (Part Nos. 9309A or 9461A), the K5 Drinking Water Station equipped with Purefecta Bacteria/Virus Guard is considered a microbiological purifier.

**VOC Guard** – removes volatile organic compounds. See performance data sheet for a list of contaminants.

**Arsenic Guard\*** – by working with the RO membrane, the Arsenic Guard is able to remove both trivalent arsenic and pentavalent arsenic. See performance data sheet for more information on the two forms of arsenic.

**Perchlorate Guard\*** – removes perchlorate, a by-product from rocket and jet fuel, found in various locations around the world.

**Chloramine Guard\*** – reduces chloramines, for use on city water supplies that are chloraminated.

**Mineral Plus\*** – this exciting new innovation adds beneficial minerals, such as magnesium and calcium, to your drinking water. This cartridge will also enhance the taste of your treated water.

##### Replacement Cartridges:

**Purefecta Bacteria/Virus Guard** – Part number 12873B

**VOC Guard** – Part number 12778

**Arsenic Guard** – Part number 11781

**Perchlorate Guard** – Part number 11682

**Chloramine Guard** – Part number 13766

**Mineral Plus** – Part number 13041

\*Tested and verified by independent laboratory testing.

#### Stage 5 – Storage Tank

After the water is processed through the first four stages, it is stored in a tank until needed. Unlike all other storage tanks available, the “water on water” tank with QuickFlo technology uses your home’s water pressure to deliver Kinetico Water from your storage tank to your drinking water faucet. Since the storage tank uses your home’s water pressure rather than a pressurized air charge, you’ll have a steady, consistent flow of water from your tap, even if your storage tank is almost empty.

#### Stage 6 – Postfilter Polisher

After leaving the storage tank, the water travels to the next stage of protection, the MACguard<sup>®</sup> Filter. Containing activated carbon, the MACguard Filter gives a final polish to your water, further reducing unpleasant tastes and odors.

##### Replacement Cartridges:

Taste and Odor Filter – Part number 9306B

#### Stage 7 – Faucet

The final protection stage is a custom, decorator, lead-free tap, which is mounted on your sink. With this tap, you can be sure that lead won’t be added into your drinking water.