

Kineticco K5 Drinking Water Station

System Components

Cartridge Ports	3 - 5
Pre-filter (Qty.)	
Chlorinated Feed Water	(1) Granular Activated Carbon
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 ²)
Auxiliary #1	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	Mineral Plus
Post-filter (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
Permeate Quality Monitor	Optional
System Controller	Hydraulic Controller
Manifold	Plastic
Cabinet	Plastic

Inlet Water Quality

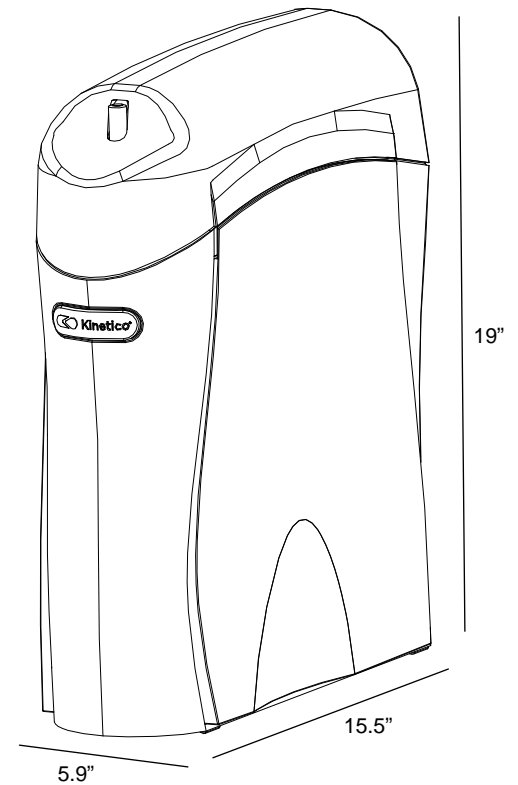
Pressure	35 – 125 psi Dynamic Pressure
Temperature Range	35 – 100° F
pH Range	3 – 11
Free Chlorine Cl ₂ (Max.)	
with Carbon Pre-filter	4.0 mg/L
with Sediment Pre-filter	0.05 mg/L
Hardness as CaCO ₃ (Max.)	<10 gpg (170 mg/L)
Silica (Max.)	10.0 mg/L
Iron (Max.)	<0.01 mg/L
Total Dissolved Solids, TDS (Max.)	<3,000 mg/L

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 ₃)	
Water on Water Tank	93.7%
Air Charge Tank	91.9%
Normal Operating Pressure60 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



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Part Numbers

K5 Base System..... 12799

Tanks

3 Gallon Water on Water Tank with QuickFlo Technology 12754
 3 Gallon Air Charge Tank..... 9344A
 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 - 12873)..... 12874
 Auxiliary Cartridge - Purefecta Virus/Bacteria Guard (1 Cartridge) 12873
 Auxiliary Cartridge - Perchlorate Guard (Case of 12 - 11682) 11688
 Auxiliary Cartridge - Arsenic Guard (Case of 12 - 11781) 11687
 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 12964

Installation Accessories

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

Kinetico K5 Drinking Water Station

The Kinetico 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 back into 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.

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 might have been in your water and flushed down the drain.

Stage 3 – Auxiliary Filter #1

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

Purefecta Virus/Bacteria Guard - is certified to remove more than 99.99% virus and 99.99999% of bacteria. When used with the VOC guard and an air charge tank, the system is a certified microbiological purifier. The Purefecta Virus/Bacteria Guard can only be used in the Auxiliary #1 position.

VOC Guard – removes volatile organic compounds. See performance datasheet for listed of contaminates.

Arsenic Guard – by working with the RO membrane, the Arsenic Guard is able to remove both Trivalent Arsenic and Pentavalent Arsenic. See performance datasheet for more information arsenic and the two forms.

Perchlorate Guard – removes perchlorate, a byproduct from rocket and jet fuel, found in various locations around the world.

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

Stage 4 – Auxiliary Filter #2

Same as Auxiliary #2

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 – Post Filter Polisher

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

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 the lead won't be added back into your drinking water.