Kinetico®
water systems

Kinetico 2060f OD (Macrolite®)

System Components

Media Vessel (Qty.) Size	(2) 8” x 40”
Media Vessel Construction	Wrapped Polyethylene
Empty Bed Volume	1.04 ft^3
Media	Macrolite®
Media Volume	0.40 ft^3
Under bedding (each tank)	⅛ x ¼ Gravel
Under bedding Volume (each tank)	0.06 ft^3 (6.0 lbs.)
Riser Tube	1” ABS
Distributor Upper	None
Lower	0.007” Slots, Engineered Plastic Basket
Regeneration Control	Non-electric Use Meter
Service	Downflow
Backwash	Upflow
Meter Type	.0.30 - 25.00 gpm Polypropylene Turbine

Inlet Water Quality

Pressure Range	15 – 125 psi Dynamic Pressure
Temperature Range	35 – 120° F
pH Range	5 – 10 SU

Operating Specs

Service Flow Rate (15 – 30 psig)	8.0 – 12.0 gpm
Optimal Media Flow Rate (Service)	7.0 gpm
Flow Configuration	Overdrive®
Dimensions (Width x Depth x Height)	17” x 8” x 46”
Weight (Operating / Shipping)	300 / 120 lbs.

Connections

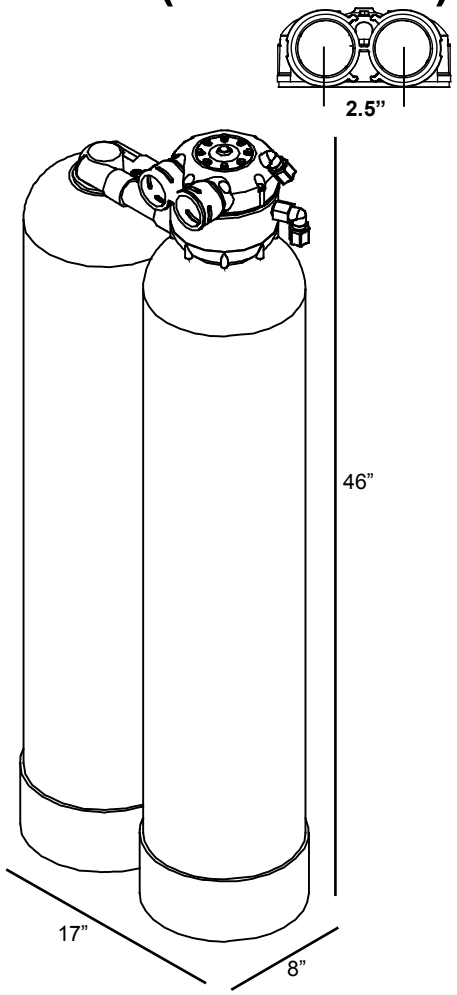
Inlet / Outlet Connections	Custom Adapter and E-clip
Drain Connection	½” Tube
Secondary Drain Connection	⅜” Tube
Power	None

System Part Numbers

Kinetico 2060f Overdrive, Macrolite Filter	11211
Kinetico 2060f Overdrive, No Media	11206
Accessory:	
Lock-out Kit (for installation with a softener)	8070A

Regeneration Specifications

Backwash Volume	85 gallons
Backwash Time	20 minutes
Backwash Flow Control	4.00 gpm



Disc Selection

	1	2	3	4	5	6	7	8
Usable Gallons between Backwash	2,168	1,084	723	542	434	366	310	271

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Operating Profile
The filter shall remove suspended solids to a nominal rating of 5 micron. Ceramic based non-consumable media shall be used for the filtration process. The system shall provide continuous filtered water through the use of a duplex (two tank) configuration. System backwashes shall be initiated by a water meter. The water meter shall measure the processed volume and be adjustable.

Backwash Control Valve
The backwash control valve shall be top mounted (top of media tank), and manufactured from non-corrosive materials. Control valve shall not weight more than four pounds. Control valve shall provide service and backwash control for two media tanks. Inlet and outlet ports shall accept a quick connect, double O-ring sealed adapter. Interconnection between tanks shall be made through the control valve with a quick connect adapter. Control valve shall operate using a minimum inlet pressure of 15 psi. Pressure shall be used to drive all valve functions. No electric hook-up shall be required. Control valve shall incorporate three operational cycles including; service, backwash and service flow rinse. The control valve will prevent the by-pass of unfiltered water to service during the backwash cycle.

Media Tanks
The tanks shall be designed for a maximum working pressure of 125 psi (8.8 kg/cm2) and hydrostatically tested at 300 psi. Tanks shall be made of fiberglass-reinforced polypropylene with a 2.5" threaded top opening. Each tank shall be NSF approved. Upper and lower distribution system shall be of a slot design. They will provide even distribution of regeneration water and the collection of processed water.

Filtration Media
Each system shall use ceramic based filter media capability of operating in an average service flow of 10 gpm per square foot of media. The media shall be solid, of a proper particle size, 40-70 mesh. A minimum 24” bed depth shall be used with the system. Backwash shall produce a minimum of 50% bed expansion at a flow rate of 8 gpm per square foot of media.