

PERFORMANCE DATA SHEET

Kinetico Water Filtering Systems

Model/Product Numbers

2060F OD AC (11207)
2060F OD Calcite (11212)
2060F OD Macrolite[®] (11211)
2100F OD AC (11147)
2100F OD Calcite (11148)
2100F OD Macrolite[®] (11146)
2080F OD Greensand (11418)
4060F OD Macrolite[®]/AC (11232)



The Kinetico Water Filtering Systems are tested to NSF/ANSI Standard 42 for the reduction of substances listed in the tables on page 3. This testing was performed under standard laboratory conditions, actual performance may vary. In addition, the materials and components of these systems have been tested to assure that levels of extractable contaminants do not exceed established limits set by NSF/ANSI Standard 42. They have also been evaluated to assure that they are designed and constructed so their intended purpose can be accomplished when installed and operated in accordance with the manufacturer's instructions.

IMPORTANT

- o It is recommended that before purchasing a water treatment unit, you have your water supply tested to determine your actual water treatment needs.
- o Installation of this product must comply with state and local plumbing codes.
- o Provisions for an antisiphon air gap should be part of the installation to prevent a cross connection between the water system and the waste system.
- o **NOTE:** Provide an air gap for all drain lines. Waste connections or drain outlets shall be designed and constructed to provide for connection to the sanitary waste system through an air gap of 2 pipe diameters or 1 inch (25 mm) whichever is larger. Check local and/or state/province plumbing codes for the proper setup of drain line air gaps.
- o Do not use on water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system, or that contains high concentrations of sediment, dirt, or other suspended matter without additional treatment steps.
- o Read this performance data sheet and compare the capabilities of this unit with your actual water treatment needs.
- o Please note that the substances listed in the tables below are not necessarily in your water supply.
- o For operation and maintenance information, consult the product owner's manual. Installation instructions are available for review from your authorized Kinetico Dealer.
- o The concentration of the indicated substances in the table below in the water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI

WARRANTY COVERAGE

Kinetico Incorporated warrants this product to be free from defects in material and workmanship for a period of ten years from the date of installation (freight and labor charges not included). For a period of ten years from installation date, faulty resin/media tanks and salt storage tank will be replaced at no charge. A formal copy of the Warranty for Residential Applications is presented at the time of purchase. Please contact your local authorized Kinetico Dealer with any questions about the warranty.

SPECIFICATIONS:

Minimum/Maximum Operating Pressure: 20 - 125 psi (137.8 - 861.9 kPa)

Minimum/Maximum Operating Temperature: 35°F - 120°F (2°C - 49°C)

MODEL	2060f OD AC	2060f OD Macrolite®	2060f OD Calcite	4060f OD MAC/AC	
Service flow rate at 15 psi (or less) drop, gpm	8 (30.3 L/min)	8 (30.3 L/min)	8 (30.3 L/min)	8 (30.3 L/min)	
Filter media per tank, cu. ft.	0.7 (19.8 L)	0.4 (11.3 L)	0.7 (19.8 L)	upper cer 0.2 (5.7 L)	lower carbon 0.4 (11.3 L)
Gravel per tank, cu. ft.	0.10 (2.8 L)	0.10 (2.8 L)	0.10 (2.8 L)	upper 0.10 (2.8 L)	lower 0.10 (2.8 L)
Unit capacity (NSF/ANSI Standard 42 minimum requirements)	225,000 G (851,717 L) chlorine	Particulate, Class II	not determined	43,000 G (162,772 L) chlorine	
Regenerant type	treated water	treated water	treated water	treated water	
Max flow rate to drain during regeneration, gpm	4.4 (16.6 L)	4.4 (16.6 L)	4.4 (16.6 L)	3.4 (12.9 L)	

MODEL	2100f OD AC	2100f OD Macrolite®	2100f OD Calcite	2080f OD Greensand
Service flow rate at 15 psi (or less) drop, gpm	10 (37.9 L/min)	10 (37.9 L/min)	10 (37.9 L/min)	8 (30.3 L/min)
Filter media per tank, cu. ft.	1.5 (42.48 L)	0.7 (19.8 L)	1.5 (42.48 L)	0.82 (23.22 L)
Gravel underbed per tank, cu. ft.	0.25 (7.08 L)	0.25 (7.08 L)	0.25 (7.08 L)	0.25 (7.08 L)
Unit capacity (NSF/ANSI Standard 42 minimum requirements)	450,000 G (1,703,435 L) chlorine	Particulate, Class II	not determined	not determined
Regenerant type	treated water	treated water	treated water	potassium permanganate
Max flow rate to drain during regeneration, gpm	6.4 (24.2 L/min)	6.4 (24.2 L/min)	6.4 (24.2 L/min)	6.4 (24.2 L/min)

SUBSTANCE	INFLUENT CHALLENGE CONCENTRATION	REDUCTION REQUIREMENT
Chlorine	2.0 mg/L ± 10%	≥50%
Particulate, Class I particles 0.5 to < 1 µm	at least 10,000 particles/mL	≥85%
Particulate, Class II particles 1 to < 5 µm	at least 10,000 particles/mL	≥85%
Particulate, Class III particles 5 to < 15 µm	at least 10,000 particles/mL	≥85%
Particulate, Class IV particles 15 to < 30 µm	at least 10,000 particles/mL	≥85%
Particulate, Class V particles 30 to < 50 µm	at least 1,000 particles/mL	≥85%
Particulate, Class VI particles 50 to < 80 µm	at least 1,000 particles/mL	≥85%

Note: AC is Activated Carbon