

**OASIS® Nano-ceram Models: 037454-103, 037454-202**

The system conforms to ANSI/NSF 42 and 53 for the specific performance claims as verified and substantiated by test data. The system has been tested according to ANSI/NSF 42 and 53 for reduction of substances listed below. The concentration of the indicated substances in 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 ANSI/NSF 42 and 53.

**CONTAMINANT REDUCTION PERFORMANCE**

Contaminant	Type	Influent Avg. mg/L	Avg. % Rej.	MCL <sup>(1)</sup> mg/L
Lead Reduction	Low Level pH & Alkalinity	0.12	>99.2	0.010
	High Level pH & Alkalinity	0.20	>99.4	0.010
Pharmaceutical and Chemical <sup>(2)</sup>	Penicillin G	0.20	>99.9	
	Bisphenol A (commonly known as BPA)	0.20	>99.9	
	Flumequine	0.20	>99.9	

**BIOLOGICAL FILTRATION PERFORMANCE**

Biological type	Strain tested	Avg. % Rej.	NSF Required % Ref
Cysts		>99.99	99.95% 3-4 micron size
Virus <sup>(2)</sup>	Poliovirus 1	>99.91	
	Echovirus 1	>99.98	
	Coxsackievirus B5	>99.99	
	Adenovirus	>99.97	
Bacteriophage <sup>(2)</sup>	MS2	>99.999	
Bacteria <sup>(2)</sup>	Pseudomonas Aeruginosa	>99.96	
	E. coli	>99.9999	

NOTE: Cysts Reduction includes Cryptosporidium and Giardia lamblia

**AESTHETICS: TASTE, COLOR, ODOR**

Target	Influent Avg. mg/ L	Avg. % Rej.	NSF Classification Required % Rejection
Chlorine	2.0	>50	≥50

**OUTPUT PERFORMANCE RATED AT CONTAMINANT REDUCTION TEST PARAMETERS**

SERVICE FLOW RATE
1.9 Liters/minute (0.5 gallon/minute) Actual rate varies according to water pressure.

SYSTEM CAPACITY
1230 Liters (325 gallons) for lead reduction 10598 Liters (2800 gallons) for chlorine taste and odor reduction >756,400 Liters (200,000 gallons) for Pharmaceutical reduction

**NOTE:**

- USEPA Maximum Contaminant Level.
- No criterion for this test currently exists at NSF. This information came from third party test data.



**REFERENCE DATA**

Test Series	Lead/Low pH	Lead/High pH	Biological Filtration	Aesthetics
TDS	40-70 mg/L	200-500 mg/L		200-500 mg/L
pH	6.5	8.5		7.0-8.0
Turbidity	0.13-.15 NTU	0.12 NTU		<1.0 NTU
Temperature	20° C (68° F)	20° C (68° F)		20° C (68° F)
Pressure	414 kPa (60 psig)	414 kPa (60 psig)	414 kPa (60 psig)	414 kPa (60 psig)
Flow Rate	1.9 L/min (0.5 gal/min)	1.9 L/min (0.5 gal/min)	1.9 L/min (0.5 gal/min)	1.9 L/min (0.5 gal/min)

**COMMENTS:**

- a) System performance may vary according to local water conditions.
- b) Contaminants listed in this Data Sheet are not necessarily in your water.
- c) We recommend your water be tested to determine treatment requirements.

**CONDITIONS FOR SYSTEM USE**

Source Water Supply Profile		Application Guidelines
Community/Private	Chlorinated/NonChlorinated	<b>CAUTION: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.</b>
System Pressure	173 – 690 kPa (25-100 psig)	
Temperature	4° - 38° C (40° - 100° F)	
<b>NOTE:</b> System certified for cyst reduction may be used on disinfected water that may contain filterable cysts.		

**TESTED TO ANSI/NSF® 42 & 53 FOR SPECIFIC CONTAMINANT CLAIMS AS VERIFIED AND SUBSTANTIATED BY TEST DATA**



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