

Performance Data Sheet

IMPORTANT NOTICE, Read this Performance Data Sheet and compare the capabilities of this unit with your actual water treatment needs. It is recommended that, before purchasing a water treatment unit, you have your water supply tested to determine your actual water treatment needs.

Water Filtration System

Pentair Rocean Reservoir
Filter System Model # 4005799

Company: Be The Change Labs, d.b.a Rocean
Address: 833 Broadway, 2nd Fl, New York, NY 10003
Phone: 812-344-2023
Website: PentairRocean.com

Operating Parameters

System Model #	Filter Model #	Filtration Function	Working Pressure*	Operating Temperature	Flow Rate	Capacity
4005799	4005767 4005801 (Replacement)	Chemical/ Mechanical	30 – 70 psi (207 –483 kPa)	40 - 100 °F (4 – 38°C)	0.5 gpm (1.89 lpm)	390 gallons (1476 L)

* System not intended to be plumbed-in and is for portable use only.

Installation/Operation and Maintenance Requirements/Warranty Overview

Please refer to the owner's manual for installation, operation, maintenance, and warranty information. If this device is not maintained and operated as specified in the owner's manual, there is a risk of exposure to contaminants. For more information, visit the manufacturer's Internet Web site at www.PentairRocean.com or the California State Water Resources Control Board's Internet Web site at www.waterboards.ca.gov.

IMPORTANT NOTICE—Read the Manufacturer's Performance Data Sheet.

Certification and Contaminant Reduction Information

4005799 System has been certified by IAPMO R&T and tested according to NSF/ANSI 42, NSF/ANSI 53, and NSF/ANSI 401 for the reduction of the 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 NSF/ANSI 42, NSF/ANSI 53, NSF/ANSI 401. System is certified against NSF/ANSI 372 for Low Lead Content and against CSA B483.1.

Standard	Substance	Average Influent Concentration	Influent challenge concentration	Average Percent Reduction / Water Concentration	Percent Reduction Requirement/ Maximum Permissible Product Water Concentration
NSF/ANSI 42	Particulate Class I	4800000/mL	Minimum 10,000/mL	99.8%	≥ 85%
NSF/ANSI 42	Chlorine, Taste and Odor	1.95 mg/L	2.0 mg/L ± 10%	95.3%	≥ 50%
NSF/ANSI 53	Asbestos	21072500 fibers/L	107 to 108 fibers/L; fibers greater than 10 µm in length	99.99%	≥ 99%
NSF/ANSI 53	Atrazine	0.0084 mg/L	0.009 mg/L ± 10%	0.001 mg/L	0.003 mg/L
NSF/ANSI 53	Cysts*	150000/L	Minimum 50,000/L	99.99%	≥ 99.95%
NSF/ANSI 53	Lead @ ph 6.5	0.15 mg/L	0.15 mg/L ± 10%	0.001 mg/L	0.005 mg/L
NSF/ANSI 53	Lead @ ph 8.5	0.16 mg/L	0.15 mg/L ± 10%	0.002 mg/L	0.005 mg/L
NSF/ANSI 53	Lindane	0.002 mg/L	0.002 mg/L ± 10%	0.0001 mg/L	0.0002 mg/L
NSF/ANSI 53	Mercury @ ph 6.5	0.006 mg/L	0.006 mg/L ± 10%	0.0010 mg/L	0.002 mg/L
NSF/ANSI 53	Mercury @ ph 8.5	0.006 mg/L	0.006 mg/L ± 10%	0.0003 mg/L	0.002 mg/L
NSF/ANSI 53	Perfluorooctanoic acid (PFOA), Perfluorooctane sulfonate (PFOS)	1.59 µg/L	1.50 µg/L ± 10%	0.067 µg/L	0.00007 mg/L
NSF/ANSI 53	Turbidity	11 NTU	11 ± 1 NTU	0.2 NTU	0.5 NTU
NSF/ANSI 53	VOC**	299 µg/L	300 µg/L ± 10%	99.93%	≥ 95%
NSF/ANSI 53	2,4-D	0.200 mg/L	0.210 mg/L ± 10%	0.02 mg/L	0.07 mg/L
NSF/ANSI 401	Atenolol	206 ng/L	200 ng/L ± 20%	1.0 ng/L	30 ng/L
NSF/ANSI 401	Bisphenol A	2031 ng/L	2,000 ng/L ± 20%	10.2 ng/L	300 ng/L

NSF/ANSI 401	Carbamazepine	1424 ng/L	1,400 ng/L ± 20%	10.0 ng/L	200 ng/L
NSF/ANSI 401	DEET (diethyltoluamide)	1497 ng/L	1,400 ng/L ± 20%	11.8 ng/L	200 ng/L
NSF/ANSI 401	Estrone	152 ng/L	140 ng/L ± 20%	2.0 ng/L	20 ng/L
NSF/ANSI 401	Ibuprofen	405 ng/L	400 ng/L ± 20%	10.4 ng/L	60 ng/L
NSF/ANSI 401	Linuron	143 ng/L	140 ng/L ± 20%	1. ng/L	20 ng/L
NSF/ANSI 401	Meprobamate	375 ng/L	400 ng/L ± 20%	1.4 ng/L	60 ng/L
NSF/ANSI 401	Metolachlor	1618 ng/L	1,400 ng/L ± 20%	35.9 ng/L	200 ng/L
NSF/ANSI 401	Naproxen	150 ng/L	140 ng/L ± 20%	1.3 ng/L	20 ng/L
NSF/ANSI 401	Nonylphenol	1488 ng/L	1,400 ng/L ± 20%	10.0 ng/L	200 ng/L
NSF/ANSI 401	Phenytoin	200 ng/L	200 ng/L ± 20%	1.0 ng/L	30 ng/L
NSF/ANSI 401	TCEP (tris(2-chloroethyl) phosphate)	4954 ng/L	5,000 ng/L ± 20%	10 ng/L	700 ng/L
NSF/ANSI 401	TCP (tris(1-chloro-2-propyl)phosphate)	4789 ng/L	5,000 ng/L ± 20%	344 ng/L	700 ng/L
NSF/ANSI 401	Trimethoprim	153 ng/L	140 ng/L ± 20%	1.5 ng/L	20 ng/L
NSF/ANSI 401	Trimethoprim	153 ng/L	140 ng/L ± 20%	1.5 ng/L	20 ng/L

* Based on the use of *Cryptosporidium parvum* oocysts.

** VOC Chloroform surrogate testing was performed and is applicable to chemical reduction claims for the group of organic chemicals found in the table below.

Organic chemicals included by surrogate testing

Chemical	Influent Challenge Concentration ¹ (mg/L)	Chemical Reduction Percent	Maximum Product Water Concentration (mg/L)
Alachlor	0.050	> 98%	0.0012
Benzene	0.081	> 99%	0.0012
Carbofuran	0.190	> 99%	0.0012
Carbon tetrachloride	0.078	98%	0.00183
Chlorobenzene	0.077	> 99%	0.0012
Chloropicrin	0.015	99%	0.00022
Dibromochloropropane (DBCP)	0.052	> 99%	0.000022
o-dichlorobenzene	0.080	> 99%	0.0012
p-dichlorobenzene	0.040	> 98%	0.0012
1,2-dichloroethane	0.088	95% ⁴	0.00484
1,1-dichloroethylene	0.083	> 99%	0.0012
cis-1,2-dichloroethylene	0.170	> 99%	0.00052
trans-1,2-dichloroethylene	0.086	> 99%	0.0012
1,2-dichloropropane	0.080	> 99%	0.0012
cis-1,3-dichloropropylene	0.079	> 99%	0.0012
Dinoseb	0.170	99%	0.00023
Endrin	0.053	99%	0.000593
Ethylbenzene	0.088	> 99%	0.0012
Ethylene dibromide (EDB)	0.044	> 99%	0.000022
Haloacetonitriles (HAN)			
Bromochloroacetonitrile	0.022	98%	0.00052
Dibromoacetonitrile	0.024	98%	0.00062
Dichloroacetonitrile	0.0096	98%	0.00022
Trichloroacetonitrile	0.015	98%	0.00032

Haloketones (HK)

1,1-dichloro-2-propanone	0.0072	99%	0.00012
1,1,1-trichloro-2-propanone	0.0082	96%	0.00032
Heptachlor (H-34, Heptox)	0.025	> 99%	0.00001
Heptachlor epoxide	0.01075	98%	0.00025
Hexachlorobutadiene	0.044	> 98%	0.0012
Hexachlorocyclopentadiene	0.060	> 99%	0.0000022
Methoxychlor	0.050	> 99%	0.00012
Pentachlorophenol	0.096	> 99%	0.0012
Simazine	0.120	> 97%	0.0042
Styrene	0.150	> 99%	0.00052
1,1,2,2-tetrachloroethane	0.081	> 99%	0.0012
Tetrachloroethylene	0.081	> 99%	0.0012
Toluene	0.078	> 99%	0.0012
2,4,5-TP (silvex)	0.270	99%	0.00163
Tribromoacetic acid	0.042	> 98%	0.0012
1,2,4-trichlorobenzene	0.160	> 99%	0.00052
1,1,1-trichloroethane	0.084	95%	0.00463
1,1,2-trichloroethane	0.150	> 99%	0.00052
Trichloroethylene	0.180	> 99%	0.00102
Trihalomethanes (includes): Chloroform (surrogate chemical) Bromoform Bromodichloromethane Chlorodibromomethane ^a	0.300	95%	0.015
Xylenes (total)	0.070	> 99%	0.0012

Not all water will contain contaminants listed. Testing performed under standard laboratory conditions; actual performance may vary. Filter is only to be used with cold water. Filter usage must comply with all state and local laws. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.



For Purchases Made In IOWA

Buyer's Name: _____ Date: _____

Seller's Name: _____ Date: _____

The seller shall retain the signed PDS on file at the seller's place of business for at least two years.

Important Safeguards: Safe Operation & Use

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

NOTE: Installation should comply with state and local laws and regulations.

CAUTION: System must be protected against freezing which can cause cracking of the filter and water leakage.

NOTE: For Cold Water Use Only.

The system must be maintained according to manufacturer's recommendations, including replacement of filter. The contaminants or other substances reduced by this water treatment device are not necessarily in your water. Ask your local water municipality for a copy of their water analysis or have your water tested by a reputable water-testing lab.

The filter used with this system has a limited service life. Changes in taste, odor or flow may indicate that the filter should be replaced.