

# Performance Data Sheet



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## Model PDF-1000VF PELICAN WATER PURIFIER

**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. This filter system is designed to be used for the reduction of the performance claims listed below. Do not use for the treatment of water that is visually contaminated (cloudy) or has an obvious contamination source, such as contamination by raw sewage. This system is not intended to convert waste water or raw sewage into drinking water. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. While testing was performed under standard laboratory conditions, actual performance of the system may vary based on local water conditions. Some or all of the contaminants reduced by this unit may not be in your water supply.

**System confirms to NSF Protocol P231 for Microbiological Water Purifiers.**

See Installation and Operation Manual for further instructions on filter cartridge replacement, system installation, operating procedures, and warranty. The maintenance instructions must be followed for the product to perform as indicated below.

Min - Max  
 Supply Water Pressure . . . . . 30 – 100 psig (2.1-6.7 bar)  
 Min - Max  
 Supply Water Temperature . . . . . 40 - 100°F (4.4 – 37.8°C)  
 Service Flow Rate  
 @60 psig . . . . . (0.5 GPM @4.1 bar)  
 Rated Service Life . . . . . 1000 gallons (3,785 L)

### Replacement Parts

PDF-VF-R01 – Filter  
 PDF-VF-R02 – Carbon Block Filter  
 PDF-VF-R03 – Block Filter

It is recommended to **replace filter cartridges every six months or 1000 gallons** of use. However, your water quality can lead to circumstances such as diminished water flow, visible sediment, or unwanted taste and/or odor in your water, requiring the cartridges be replaced sooner.

- This system is intended for use with municipal and well-supplied water only.
- It is not intended for use with surface water such as from a lake or runoff.
- Do not use for the treatment of water that is visually contaminated (cloudy) or has an obvious contamination source, such as contamination by raw sewage.
- System is not intended to convert wastewater or raw sewage into drinking water.
- Installation and plumbing should comply with all local laws and regulations.
- Do not install the microbiological drinking water purifier outside, or in extreme hot or cold temperatures.
- Temperature of the water supply to the under sink drinking water filter system must be between 40°F and 100°F. Do not install on hot water.

**This system has been tested according to NSF/ANSI 42 & 53 for 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, 53 and P231.**

### Performance Claims

Substance	NSF Reduction Requirement	Actual % Reduction
Chlorine	≥50%	>99.9
Lead 8.5 pH	≥10 ug/L	98.8
6.5 pH		98.4
Class I Particulate >/.05µm to < 1µm	>/=85% reduction	99.8

**While testing was performed under standard laboratory conditions, actual performance may vary.**

Cyst, virus, and bacteria reduction tested by IAPMO in accordance with the P231 and applicable NSF/ANSI standards.

Substance	Log Reduction	% Reduction
Cyst	3.52	99.97
Virus	5.22	>99.99
Bacteria	7.86	>99.99



### WQA Certification to NSF/ANSI P231

This protocol establishes minimum requirements for health and sanitation characteristics of microbiological water purifiers. The requirements are based on the recommendations of the U.S. EPA's Task Force Report, Guide Standard and Protocol for Testing Microbiological Water Purifiers. This certification ensures >3-Log reduction of Cysts, >5-Log reduction of Viruses and >7-Log reduction of Bacteria up to 99%.



System tested and certified to meet the requirements of  
 NSF P231 and NSF/ANSI Standards 42 & 53.