

Nephros Safe Spout - Instructions for Use

INTRODUCTION

Information on this sheet must be read before the use of this device to ensure safe and effective operation.

Sterility: The device is sterilized by ethylene oxide.

Recommended Storage: Between 5 and 30°C (41 and 86°F).

INDICATIONS

Description: The Nephros Safe Spout is a disposable point of use water ultrafilter that delivers microbiologically pure water for washing and drinking. It is intended to be used at the end of a standard sink faucet.

Single Use: The device is intended for single use. Once installed the filter is intended to be used for approximately 1 month. After such time the unit should be replaced and discarded. Do not attempt to sanitize or re-sterilize it.

CONTRAINDICATIONS

Medical: While the Safe Spout produces microbiologically pure water, the water is not intended to be used in medical applications where USP sterile water is normally used.

Chemical: The Safe Spout removes biological contaminants. To obtain chemically pure water it is necessary to use the filter in conjunction with other devices such as DI beds or RO systems.

WARNINGS & PRECAUTIONS

Pressure & Temperature: The Safe Spout is designed for a maximum incoming water pressure of 70 psi (4.8 bar) and a maximum temperature of 60°C (140°F).

Replacement: The filter should be replaced when the flow rate begins to noticeably decrease. The Safe Spout will continue to deliver microbiologically pure water as long as it is flowing. However, it is recommended that one establish a maintenance schedule of replacing the filter every month.

INSTALLATION & REMOVAL

Installation:

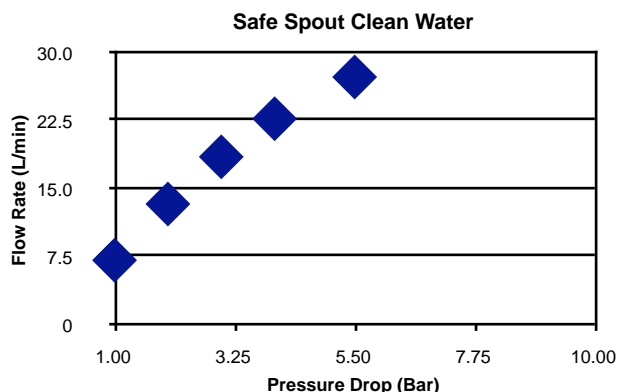
- For first time installation, unscrew the aerator from the faucet outlet.
- Replace it with the Safe Spout quick connect aerator adapter.
- Remove the filter from its package and insert the male quick connector (with black O-ring) into the aerator adapter.
- Make sure to push the filter in fully until the latch clicks and locks the filter in place.

Removal:

- To remove a used filter, simply press the thumb latch on the aerator quick connector and gently pull down on the filter to remove it.
- Discard the filter appropriately and replace it with a new one as above.

OPERATION

After a new Safe Spout is installed, water should be run through the filter for approximately 1-2 minutes to purge it of trapped air. The pressure drop across the Safe Spout generally reduces the flow rate by about ¼ to ½ of the rate without a filter. The filter should operate for 1 month of normal use with minimal degradation in flow. If the flow rate degrades significantly, the filter should be replaced.



Specifications	Nephros Safe Spout
Sterilization Method	Ethylene Oxide
Max Inlet Pressure	70 psi (4.8 bar)
Max Inlet Temperature	60°C (140°F)
Filter Membrane	Medisulfone®
Material	Polysulfone
MW cut-off	15 kDa
Bacterial Retention	> 10 ¹⁰ (B. diminuta)
Virus Retention	>10 ⁸ (PhiX-174)
Endotoxin Retention	> 10 ⁵ EU/ml
Expected Life	1 month

Medisulfone® is a registered trademark of Medica S.r.l.

157 Steeplechase Cir.

Sanford, FL 32771

Ph: 407-444-1066

Fax: 321-249-0318

