



## Chloramine + Scale

### CHLORAMINE + SCALE

- Reduces chloramines, chlorine taste & odor and other offensive contaminants<sup>1</sup>
- Reduces cysts and particulates to 1 micron<sup>2</sup>
- Inhibits scale build-up w/out polyphosphates<sup>3</sup>
- Multiple sizes available



(1) tested and certified by NSF International per NSF/ANSI Standard 42  
 (2) tested by Pace Analytical per NSF/ANSI Standards 42 and 53  
 (3) media tested and certified by NSF International per NSF/ANSI Standard 61

Part No.	Filter System	Part Description	Flow Rate	Gallon Rating	Filter Size	Testing Standard
70-4206E-20	6k Gallon Capacity Cartridge (Size 2 Sump)	Nephros Chloramine + Scale Filter – 6,000 Gal – Everpure Manifold	1 GPM	6,000 Gal.	12" L x 3" D	NSF/ANSI 42&53
70-4212E-60	12K Gallon Capacity Cartridge (Size 6 Sump)	Nephros Chloramine + Scale Filter – 12,000 Gal – Everpure Manifold	2 GPM	12,000 Gal.	17" L x 3" D	NSF/ANSI 42&53

Part No.	Flush Volume (After 1 week of stagnation)	Flush Volume (After 4 weeks of stagnation)
70-4206E-20	2 Liters (0.5 US gal)	10 Liters (3 US gal)
70-4212E-60	5 Liters (1.5 US gal)	25 Liters (7 US gal)



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### General Safety Instructions

- Only cold water of potable water quality may be used to feed the system.
- All components must be stored dry within a temperature limit of -15° to 45° C (5° to 113° F).
- The system must be sited in a frost-proof place and be protected from direct sunlight.
- The system must not come in contact with chemicals, solvents or other vapors.
- The filter cartridge must not be opened or damaged.
- Regardless of the residual capacity, the filter cartridge must be replaced if not used for more than 4 weeks and if not flushed periodically with efficient volume (see table for flush volume).
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- After 5 years of use (latest 6 years after production date) the filter head and wall mounting bracket must be replaced (this also applies to hoses and gaskets). Please check the date on the production stamp.
- After a longer downtime or maintenance work rinse the system thoroughly (see table for flush volume).

### Assembly Safety Instructions

- A shut-off valve must be installed upstream of the filter system.
- If a water softener is installed upstream, check if hardness is still available in the tap water.
- All components must be installed according to country-specific guidelines. Check for compliance with state and local laws and regulations.
- We recommend only using NSF/or accredited parts and components.
- If the cartridge is removed from the filter head without being replaced by a new one, the water supply to the filter head must be shut off.
- Do not connect any devices to the flush valve and/or flush hose.

### Initial Installation

- Identify a suitable place to install the filter system.
- Before you start installing the system, shut off the water supply and disconnect the equipment from the power supply.
- Before installation, check the filter system and accessories for any damage – particular attention must be paid when inspecting the O-rings and gaskets.
- After storage below 0° C (32° F) the filter cartridge must be stored at the ambient temperature of the installation location for at least 24 hours.



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### Replacing a Filter Cartridge

- **STEP 1:** Slowly unscrew the used cartridge by turning counterclockwise. This will unlock it from the filter head and enable it to be removed. During this process, incoming tap water supply and outgoing filtered water valves in the filter head shut-off automatically. The system will expand, and a small amount of expansion water may escape from the flush hose due to peaks in pressure. Please keep in mind and place a suitable container underneath the flush hose.
- **STEP 2:** Open the flush/pressure release valve and lead the rinsing hose into a suitable container (e.g. bucket) or to the drain.
- **STEP 3:** Remove the new filter cartridge from its packaging and check for any damage.
- **STEP 4:** Insert the filter cartridge into the filter head and turn the cartridge clockwise until it stops, and end position is reached. The flow in the filter head is reopened and the system vented and flushed via the flush/pressure release valve.
  - Allow from 60-120 second of continuous flush.
- **STEP 5:** Close the flush/pressure release valve – the system is now ready for use.
- **STEP 6:** After replacing the filter cartridge, check all components for seal integrity, water must not escape from any point.
- **STEP 7:** Filter cartridge will be primed and ready for use.
  - **NOTE:** The flush water will be milky or cloudy at first. This is due to the dispersing air and will clear up quickly after flushing the cartridges with appropriate volume of water. Now check that the cartridge position is correct. Check the position of the cartridge label. Once in the end position, this should face forwards so that all the necessary information is visible.

### Service/Maintenance

- Reliable system function can only be achieved if the filter cartridge is replaced on a regular basis.
- The replacement cycle depends on the carbonate hardness of the water supply and the application.
- We would recommend replacing the filter cartridge after 6 months and no later than 12 months depending on usage.
- The operator undertakes to check the system for leaks every day.
- When the filter cartridge is replaced, all parts must be checked for impurities and damage. Damaged parts must be replaced, and impurities remedied.

#### Product Code

70-4206E-20 Chloramine & Scale 6,000 Gal – Everpure  
70-4212E-60 Chloramine & Scale 12,000 Gal – Everpure