

INSTALLATION AND USER MANUAL

For ClaroSwiss S Series (EVERPURE CLARIS) and ClaroSwiss C Series (EVERPURE CLARIS ULTRA) water filter–water treatment cartridge systems equipped with Gen2 QCF 3/8" or Gen2 BSP 3/8" filter head.

Name of Product(s):	ClaroSwiss C Series (Everpure Ultra), ClaroSwiss S Series (Everpure Claris) filters and Gen2 QCF 3/8" and Gen2 BSP 3/8" filter head product Types: 1. <i>ClaroSwiss C Series (Ultra Series)*</i> <table border="1"> <thead> <tr> <th>Product Type</th><th>Item Number</th><th>Product Type</th><th>Item Number</th></tr> </thead> <tbody> <tr> <td>ClaroSwiss 170C</td><td>1000014</td><td>Everpure Ultra 170</td><td>4339-85</td></tr> <tr> <td>ClaroSwiss 170C ID</td><td>1002682/1002083</td><td></td><td></td></tr> <tr> <td>ClaroSwiss 250C</td><td>1000832</td><td>Everpure Ultra 250</td><td>4339-80</td></tr> <tr> <td>ClaroSwiss 500C</td><td>1000833</td><td>Everpure Ultra 500</td><td>4339-81</td></tr> <tr> <td>ClaroSwiss 1000C</td><td>1000834</td><td>Everpure Ultra 1000</td><td>4339-82</td></tr> <tr> <td>ClaroSwiss 1500C</td><td>1000835</td><td>Everpure Ultra 1500</td><td>4339-83</td></tr> <tr> <td>ClaroSwiss 2000C</td><td>1000836</td><td>Everpure Ultra 2000</td><td>4339-84</td></tr> </tbody> </table> 2. <i>ClaroSwiss S Series (Claris Series)*</i> <table border="1"> <thead> <tr> <th>Product Type</th><th>Item Number</th><th>Product Type</th><th>Item Number</th></tr> </thead> <tbody> <tr> <td>ClaroSwiss 170S</td><td>1001339</td><td></td><td></td></tr> <tr> <td>ClaroSwiss 250S</td><td>1000826</td><td>Everpure Claris S</td><td>4339-10</td></tr> <tr> <td>ClaroSwiss 500S</td><td>1000827</td><td>Everpure Claris M</td><td>4339-11</td></tr> <tr> <td>ClaroSwiss 1000S</td><td>1000024</td><td>Everpure Claris L</td><td>4339-12</td></tr> <tr> <td>ClaroSwiss 1500S</td><td>1000828</td><td>Everpure Claris XL</td><td>4339-13</td></tr> <tr> <td>ClaroSwiss 2000S</td><td>1000829</td><td>Everpure Claris XXL</td><td>4339-14</td></tr> </tbody> </table> 3. <i>Gen2 QCF 3/8"*</i> <table border="1"> <thead> <tr> <th>Product Type</th><th>Item Number</th><th>Product Type</th><th>Item Number</th></tr> </thead> <tbody> <tr> <td>Gen2 QCF 3/8"</td><td>1000011</td><td>Gen2 QCF 3/8"</td><td>4339-92</td></tr> </tbody> </table> 4. <i>Gen2 BSP 3/8"*</i> <table border="1"> <thead> <tr> <th>Product Type</th><th>Item Number</th><th>Product Type</th><th>Item Number</th></tr> </thead> <tbody> <tr> <td>Gen2 BSP 3/8"</td><td>1000004</td><td>Gen2 BSP 3/8"</td><td>4339-90</td></tr> </tbody> </table> <i>*: Products listed in the same row of the table of types are identical. They are marketed under two different trade names and two different item numbers.</i>	Product Type	Item Number	Product Type	Item Number	ClaroSwiss 170C	1000014	Everpure Ultra 170	4339-85	ClaroSwiss 170C ID	1002682/1002083			ClaroSwiss 250C	1000832	Everpure Ultra 250	4339-80	ClaroSwiss 500C	1000833	Everpure Ultra 500	4339-81	ClaroSwiss 1000C	1000834	Everpure Ultra 1000	4339-82	ClaroSwiss 1500C	1000835	Everpure Ultra 1500	4339-83	ClaroSwiss 2000C	1000836	Everpure Ultra 2000	4339-84	Product Type	Item Number	Product Type	Item Number	ClaroSwiss 170S	1001339			ClaroSwiss 250S	1000826	Everpure Claris S	4339-10	ClaroSwiss 500S	1000827	Everpure Claris M	4339-11	ClaroSwiss 1000S	1000024	Everpure Claris L	4339-12	ClaroSwiss 1500S	1000828	Everpure Claris XL	4339-13	ClaroSwiss 2000S	1000829	Everpure Claris XXL	4339-14	Product Type	Item Number	Product Type	Item Number	Gen2 QCF 3/8"	1000011	Gen2 QCF 3/8"	4339-92	Product Type	Item Number	Product Type	Item Number	Gen2 BSP 3/8"	1000004	Gen2 BSP 3/8"	4339-90
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Product type(s) based on the primary water treatment cartridge:	Ion exchange resin, activated carbon																																																																												
Product type(s) Installation site Based on:	Point-of-use water treatment (POU)																																																																												
Application area:	drinking water supply (max. 30 °C) post-treatment of tap water in residential, workplace, and community settings. Restrictions: -																																																																												
Record number of previous authorization and expert review procedures:	-																																																																												

Safety instructions:

The system shall only be used with drinking water provided by the water supply service, maintained at temperatures below 30 °C.

- All components must be stored in unopened packaging in a dry environment at temperatures between -15° and 45°.
- The system must be installed in a frost-protected location and safeguarded against direct sunlight.
- The system must not come into contact with chemicals, solvents, or other vapors.
- It is recommended to descale the piping system before commissioning the filter system.
- The filter cartridge must not be opened or mechanically damaged.
- If the system remains unused for more than 8 weeks, replacement of the filter cartridge is recommended.
- Microbiologically contaminated or microbiologically unknown quality water must never be used before or after the filter without prior disinfection.
- After 5 years of use, and no later than 6 years from the manufacturing date, the filter head and wall bracket must be replaced; this requirement also applies to hoses and seals.
Please verify the manufacturing stamp date carefully.
- Following prolonged shutdowns and maintenance operations, thoroughly flush the system as described on the subsequent pages.

Commissioning:

Remove the water filter–water treatment cartridge from its packaging, then, following the step-by-step instructions on page four of this manual, remove the plastic cap and attach the cartridge to the original Gen2 QCF 3/8" and Gen2 BSP 3/8" filter head.

The filter head should preferably be installed or mounted so that it holds the water filter–water treatment cartridge vertically after insertion; however, the ClaroSwiss/EVERPURE Claris units can also be installed horizontally. The Gen2 QCF 3/8" or Gen2 BSP 3/8" filter head must be secured to a stable structure (such as a cabinet side panel, building wall, or dispenser unit rear panel) using appropriate screws and mounting components suitable for the mounting surface. The mounting hardware required for attachment to walls or other surfaces is not included in the unit package. Position the Gen2 QCF 3/8" or Gen2 BSP 3/8" filter head and the water filter–water treatment cartridge so that at least 8 cm of clearance remains below the water filter–water treatment cartridge to allow for cartridge replacement.

For the initial commissioning of every water filter–water treatment cartridge, perform a thorough flushing for a minimum of 3 minutes with the tap fully open and at full water pressure, using the public water supply to which the filter head and cartridge are connected. During this flushing, the water filter–water treatment cartridge will be completely filled with water, and the flowing water will remove carbon particles produced during the manufacturing of the carbon filter element. Do not consume this flushing water.

The system and water filter–water treatment cartridge do not require mandatory maintenance within one year; special attention is necessary only at the time of replacement, during which the cleanliness of the head must be inspected.

According to the manufacturer's recommendation, water treatment water filter–water treatment cartridges must be replaced at least once annually; however, a different replacement interval has been specified by the competent Hungarian authority. Detailed information is available in the applicable water safety authorization and in the relevant section of this manual.

According to the manufacturer's recommendation, the water filter–water treatment cartridge must be replaced if the filter unit:

- has reached its specified nominal capacity, or
- the water pressure at the outlet tap drops to an unacceptably low level, or
- the specified time since commissioning has elapsed.

If any of these conditions apply, the water filter–water treatment cartridge has reached the end of its service life, has fulfilled its function, and must be replaced.

It is important to emphasize that contaminants or other substances targeted for removal or reduction by the water filter–water treatment cartridge are not necessarily present in the water drawn from the public supply network.

Do not operate the system with water that is microbiologically unsafe or of unknown quality without proper disinfection!

The product's safe application conditions apply exclusively to post-treatment of municipal mains water and do not extend to the treatment of private wells or any other source water.

Manufacturer's recommendation: Install a 50–100 micron coarse pre-filter upstream of the water filter–water treatment unit on the incoming water supply line to ensure the specified capacity and service life of the PentairEVERPURE water filter–water treatment cartridges.

Thank you for selecting this superior quality product, verified through third-party independent testing.

Please consider the environment by collecting and recycling packaging materials selectively.

Water Connection of the Filter Head

On the Gen2 QCF 3/8" and Gen2 BSP 3/8" filter heads of the water filter, an arrow is embossed on the plastic surface beside the two water connections indicating the direction of water flow. Please connect the flexible water inlet hoses accordingly. The 3/8" union fitting to be connected to the filter head – if applicable – must be sealed with a suitable sealant (e.g., Teflon tape). Flexible inlet hoses are always equipped with sealing rings and can be connected without additional sealing. Ensure that the sealing ring is present on the flexible connection hose; if it is missing, replace it before making the connection.

Insertion and replacement of the water filter–water treatment cartridge:

Replacement of the water filter–water treatment cartridge on the filter head can be performed quickly and without any tools. Use exclusively original factory Gen2 QCF 3/8" and Gen2 BSP 3/8" filter heads.

- For safety, before inserting or replacing the water filter–water treatment cartridge, shut off the water at the angle valve.
- Hold the filter head firmly. Press the water filter–water treatment cartridge slightly upward and rotate it 90° clockwise.
- While holding the filter head in place, pull the used water filter–water treatment cartridge downward to remove it.
- Caution: some residual water may flow from the filter head!
- Hold the new water filter–water treatment cartridge and align its connector with the filter head. Remove the plastic protective cap from the cartridge connector immediately before insertion.
- Press upward, then rotate the water filter–water treatment cartridge 90° to the right while firmly holding the filter head. (counterclockwise) until the connection fitting is perfectly seated in the filter head.
- For hygienic reasons, ensure that the new filter and the connection head are clean (avoid contamination after removing the protective cap) before installation.
- Slowly open the shut-off angle valve and/or the shut-off valve on the filter head to allow the water filter–water treatment cartridge to fill with water.
- Flush the water filter–water treatment cartridge for at least 3 minutes under full water pressure to thoroughly rinse and activate the activated carbon within the filter. This process also vents the filter.
- The new water filter system is now ready for operation!
- It is recommended to record the installation date on the water filter–water treatment cartridge using a permanent marker. Please ensure periodic replacement of the cartridge based on this date.

Information from the National Public Health and Medical Officer Service:

1. The product may only be operated on a network supplying drinking water quality. The temperature of the water to be treated must not exceed 30°C.
2. Application area: post-treatment of tap drinking water for household, community, and workplace use.
3. Continuous protection against bacterial proliferation in the compact equipment must be ensured by using silver-impregnated filter media and by regular replacement of the water treatment cartridge at least every six months.
4. Only parts that come into contact with water and comply with the 5/2023 (I.12.) Government decree regulations must be used for the installation of the products.
5. During commissioning, as well as after a longer (2-3 day) operational interruption, the instructions described in the user manual must be strictly followed. After commissioning and a 2-3 day operational pause, the continuation outlined in the table below is required before consuming the treated water. Water obtained during the flushing process shall not be used as drinking water or for food preparation purposes.

Type	Type	Commissioning flushing, After filter replacements	Flushing after operational interruptions exceeding 2 to 3 days
ClaroSwiss 170 C	Ultra 170	10 liter	2 liter
ClaroSwiss 250 C	Ultra 250	10 liter	2 liter
ClaroSwiss 500 C	Ultra 500	10 liter	3 liter
ClaroSwiss 1000 C	Ultra 1000	20 liter	5 liter
ClaroSwiss 1500 C	Ultra 1500	20 liter	8 liter
ClaroSwiss 2000 C	Ultra 2000	30 liter	12 liter
170 S		5 liter	2 liter
250 S	Clarix S	5 liter	2 liter
500 S	Clarix M	5 liter	3 liter
1000 S	Clarix L	10 liter	5 liter
1500 S	Clarix XL	10 liter	8 liter
2000 S	Clarix XXL	15 liter	12 liter

6. Commissioning, regular disinfection, and maintenance shall be ensured by the distributor as a service to the users.
7. Based on performed laboratory tests, the product is suitable for reducing free and combined active chlorine, chlorination by-products, and organic content in drinking water.
8. When the products are used for community purposes in public institutions, the following additional application conditions must be observed:
 - The territorially competent district (or metropolitan district) office exercising public health responsibilities must be notified regarding the application;
 - Filter replacement and disinfection must be carried out at a minimum frequency of every 6 months;
 - The quality of the treated water must be examined regularly, at least every 6 months, by an accredited laboratory. The analytical parameters include: colony count at 22°C, *Pseudomonas aeruginosa*, ammonium, nitrite, and silver;
 - The treated water must comply with the quality standards set forth in Decree 5/2023. (I.12.) Government Decree, Annex 1. For colony count at 22°C, the applicable intervention threshold is 1000 CFU/ml; for silver, 10 µg/l;
 - The results of the performed laboratory analyses must be submitted to the district (or municipal district) office responsible for public health and, in copy, to the NNGYK. In case of non-compliant results, the necessary interventions must be carried out immediately (e.g., disinfection);
 - A service log shall be maintained for all performed disinfection and other maintenance operations.
 - The product user manual must be positioned so that it is accessible to all users.
9. When the products are used in workplace settings, the following additional operating conditions must be observed:
 - Filter replacement and disinfection must be conducted at least every 6 months.
 - A service log shall be maintained for all performed disinfection and other maintenance operations.
 - The product user manual must be positioned so that it is accessible to all users.