

Seccua UH15 Ultrafiltration System

OPTIMAL WATER QUALITY THROUGHOUT THE HOUSE

The Seccua UH15 is designed to filter water from both public supplies and private wells. The system treats water via ultrafiltration using membranes to stop pollutants at the point-of-entry. The Seccua UH15 intervenes centrally to remove bacteria (e.g. Legionella), parasites, viruses, and turbidity-promoting particles before they can enter the building. That helps prevent the development and spread of waterborne pathogens in plumbing lines and boilers. It even removes particulates and microplastics.

Seccua ultrafiltration solutions are based on medical membrane technology originally developed for use in dialysis. The membrane blocks waterborne pathogens and other pollutants. Any captured debris is then automatically flushed from its surface as waste water in regular intervals.

TREATING WATER WITHOUT CHEMICALS

Ultrafiltration is a fully-mechanical process which means it disinfects water without resorting to chemicals or UV radiation. Ultrafiltered water maintains its natural, chemical balance. In contrast to other treatment methods, you don't have to worry about new corrosive substances building up. Essential minerals such as calcium and magnesium are retained.

To ensure proper function, water entering a Seccua UH15 ultrafiltration unit should be pre-treated using a sediment filter, installed upstream.

PROTECTION AGAINST HARMFUL SUBSTANCES

Optional media filter are available to make your Seccua UH15 system perform even better. Thanks to the process of adsorption, Seccua filter media are able to capture unwanted pollutants—such as pharmaceutical residues, hormone-like substances, pesticides, PFAS, solvents, plasticizers, chlorine, and disinfection byproducts—present in the public-water supply. Used in conjunction with optional filter media available from Seccua, the system effectively reduces limescale deposits as well.

These optional filter units are also suitable for whole-applications since they are installed inline between the point-of-entry and the Seccua UH15.

It is possible to upgrade the Seccua UH15 system even further by installing point-of-use solutions, such as the Seccua MK7 under-counter filter for your kitchen sink.

EASY INSTALLATION

We recommend having the system installed professionally either by one of our service teams or by a plumber of your choice.

ENERGY EFFICIENT

Consumes a meager 2.4 Watts during normal operation.

MAINTENANCE

Following initial installation, maintenance should be carried out on the Seccua UH15 system once per year (e.g. to recalibrate sensors).

FILTER REPLACEMENT

DIY change-outs of Seccua UH15 filter modules are quick and easy. Maximum service life of filter module is three years.

DIGITAL SERVICE

The Seccua UH15 system can be controlled electronically using a mobile device and application.

Use the hassle-free app to configure the IoT control unit and monitoring. Lets users track water use, costs, rinse cycles, and remaining service life of filter. The app also alarms users in case any parameters are exceeded or if there is a malfunction. This makes maintenance easy and ensures flawless operation at all times.

The Seccua UH15 connects to mobile devices via WLAN. The unit can also be connected to mobile devices locally using Bluetooth. Please note: While a local connection provides users with full control of the Seccua UH15 system, a WLAN connection is required to gain access to the entire range of functions available on the app.



UH15 filtration unit



Digital interface via mobile device using the Seccua UH15 app.

Technical Specifications

DIMENSIONS

Height	50.0" (1,271 mm)
Width	158 mm
Depth	170 mm
Clearance required for waterline ports	254 mm
Minimum mounting height (distance from floor to mounting holes)	47.2" (1,200 mm)
Empty weight	23 lb (11 kg)
Operating weight	30 lb (14 kg)

PORTS AND MOUNTING

Threaded Ports	3/4" female-threaded ports for inlet, filtrate, and rinsing water
Quick Connect Fittings	The Seccua UH15 system comes complete with DN20 quick connectors which are compatible with both copper and plastic pipes.
Mounting	Wall mounted using the mounting bracket provided

OPERATIONAL SPECIFICATIONS

Max. working pressure	72 psi (5 bar)
Max. water temperature	104 °F (40 °C)
Min. water temperature	39.3 °F (4 °C)
Max. permitted differential pressure on filter	36 psi (2.5 bar)

FILTER PERFORMANCE¹

Continuous flow rate	3.9 gpm (15 l/min)
Peak flow rate	11.1 gpm (42 l/min)

¹ Depending on local water quality. Due to higher levels of turbidity found in well water and critical municipal water, we recommend installing a pre-filter with 15-micron removal efficiency. Get in touch to find the solution that's right for you at no charge! Call us: (+49) 881 130 808 ext. 80

RETENTION

Viruses	up to 99.99 %
Bacteria, parasites, and other microorganisms	99.99999 %
Turbidity and particulate matter	below visibility threshold (< 0.15 NTU)

FILTRATION AND CLEANING

Filtration	One-hundred percent of inflowing water is mechanically filtered—doesn't require permanent flushing.
Cleaning	Fully-automatic system keeps your filter clean. Programmable rinse cycles.
Filter Replacement	Depending on local water quality, filters should be replaced regularly. Maximum service life is three years.

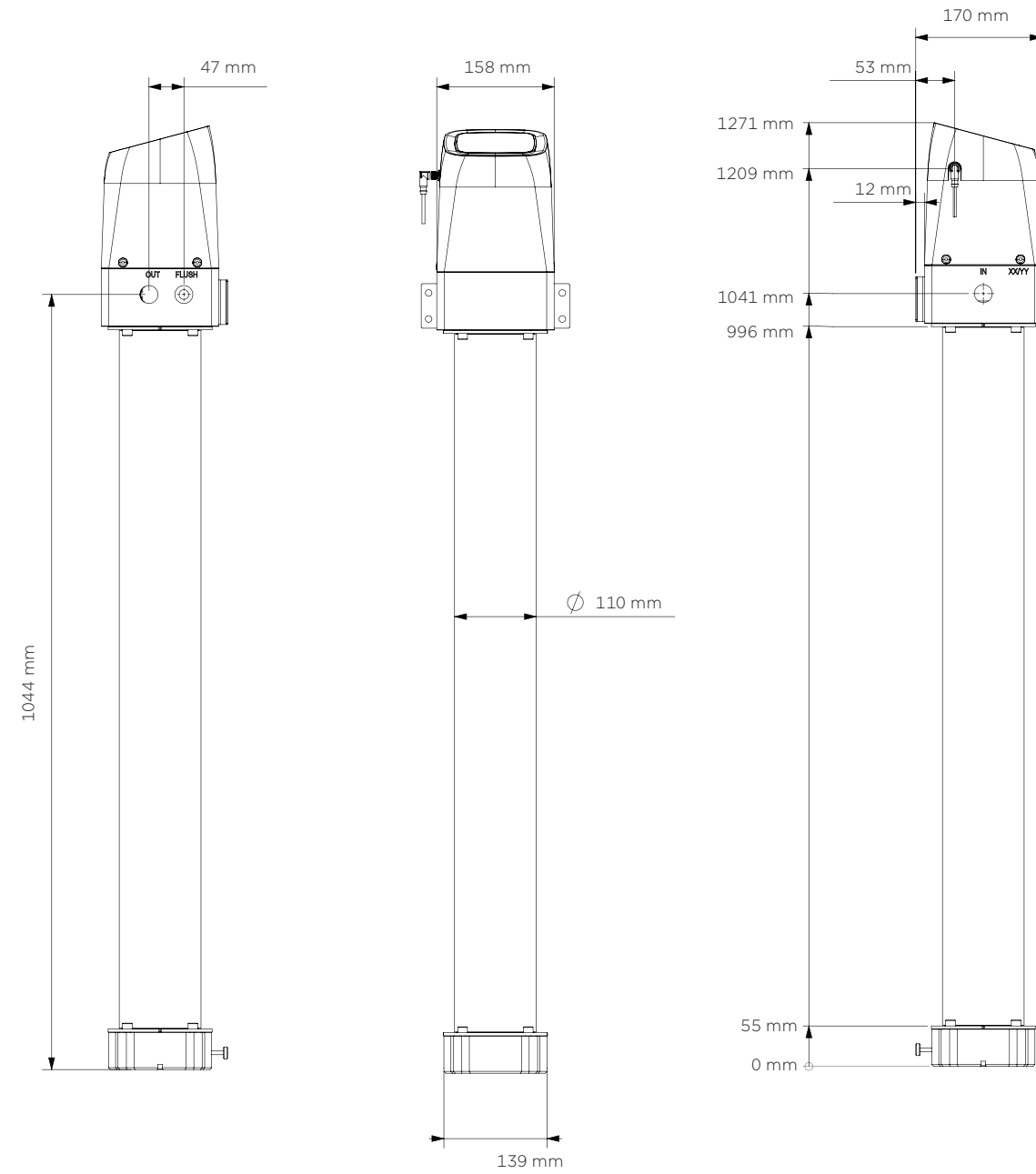
CERTIFICATIONS AND STANDARDS

Materials	All materials that come in contact with water are fully compliant with German KTW-BWGL certification standards.
Electronics	The unit provides splash water protection (IP65) and may be installed in wet rooms. Meets CE quality standards.

SYSTEM REQUIREMENTS APPLICATION

Seccua App	iOS 14 or later Andoid 10 or later
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Technical Drawings



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Seccua UH15 Ultrafiltration System



Leadership in Filtration

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