

TECHNICAL DATA SHEET PUR3UF <AquaPur> FILTRATION SYSTEM 10"

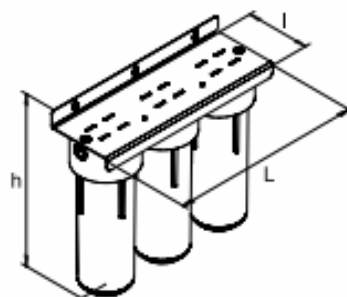
1. Field of use

- PUR3UF ultra-filtration system is installed in domestic cold water supply installations, at the point of use (under the sink) with the purpose of water filtration.
- It is a 3-stage filtration system as follows:
 - **Mechanical filtration:** removes solid suspensions from water (sand, rust, etc.).
 - **Chemical filtration:** retains water-soluble organic substances and disinfectants, chlorinated derivatives, etc., improves taste and eliminates unpleasant odors.
 - **Biological filtration:** retains any particle larger than 0.1 microns - e.g. bacteria.
- The flow of filtered water is 4 - 4.5 liters/min at 2 bar.



2. Technical features

- Configured from 3 filters securely fastened on a metal sheet support, with the possibility of wall mounting.
- Filters dimensions: 10"
- Filter material: glass: opaque, blue color, made of SAN (styrene-acrylonitrile copolymer), Cap: blue, made of PP reinforced with talc;
- Glass/cap seal: EPDM O-ring
- Connection: ½" thread
- Dimensions: L x l x h = 390 x 122 x 325 mm
- Type of cartridge:
 1. 10" melt blown PP cartridge, disposable - 1 micron; Retains water particles larger than 1 μm
 2. 10" activated carbon block cartridge from coconut shell, disposable - retains organic substances dissolved in water, chlorine, chlorinated derivatives, pesticide residues, etc. It does not retain heavy metals, it has no effect on nitrates and nitrites.
 3. Antibacterial cartridge 10" UF membrane 0.01-0.10 microns - PVDF material, membrane surface: 0.8 m², retains particles larger than 0.1 μm, organic substance with large molecules - e.g. bacteria, etc. DO NOT retain salts, minerals, trace elements, etc. from water.



1-μm melt blown PP cartridge	Activated carbon block cartridge	Antibacterial 0.01- 0.1-μm Ultra-Filtration membrane cartridge
		

➤ **Operating parameters:**

- Pressure: 2÷4 bar
- Water temperature: 2÷30°C

➤ **Code: AQUA04320411020**

3. Packing, handling, transport and storage

➤ PUR3 system is packaged in cardboard box.

Box dimensions [mm]	Weight [kg]
435 x 145 x 360	3.70



➤ The delivery package includes:

- | | |
|--|--|
| <ul style="list-style-type: none"> ▪ 3 filters, including cartridges, attached on a sheet metal support ▪ 3-way connector with isolation valve ▪ tubes for connection | <ul style="list-style-type: none"> ▪ water faucet ▪ key for filters ▪ instructions for use and installation |
|--|--|

- Delivery of product shall be made with any type of transport (exception unheated, during cold season) in accordance with the rules on the carriage of goods, applied to any type of transport. Observe the labels during product handling and transport.
- Products are handled with care, do not throw, do not place weight on them.
- They should be stored in a dry and well-ventilated area, protected against mechanical damage, humidity impact, and aggressive chemicals.
- Keep the product in its original packaging at an ambient temperature between 4 ÷ 40°C and at a relative humidity of 80% at a distance of at least 1 m away from heat sources.

4. Warranty

- The warranty of the system, without cartridges which are disposable, is 24 months from the date of purchase, subject to compliance with the technical instructions specified in the manual.
- The warranty is granted on the basis of the completed guarantee certificate and on the basis of the acquisition documents (fiscal receipt, fiscal invoice).
- Cases not covered by it are governed by the law on consumer protection.

Cartridge life:

Cartridge type	Code	Replacement frequency
10" MELT BLOWN PP CARTRIDGE <AquaPur> 1 µm	AQUA07000110001	1 - 3 month depending on water quality
10" ACTIVATED CARBON BLOCK <AquaPur> CARTRIDGE	AQUA07010410000	3 - 6 month depending on water quality
ANTIBACTERIAL 0.01-0.1-MM ULTRAFILTRATION MEMBRANE CARTRIDGE	AQUA08000010001	12 months depending on water quality

5. Installation

- According to the "Instructions for use and installation of PUR2, PUR3 and PUR 3UF systems" which are in the product box.
- It is mounted only on cold and micro-biologically treated water supply networks.
- It is mounted under the sink in enclosures protected from frost and excessive temperatures.
- Where the water source is microbiologically unsafe, periodically it is recommended to disinfect the source, the installation but also the PUR 3 UF system. In this situation we recommend contacting a specialist.