



# GEYSER



**COMPACT**  
WATER FILTER

**GEYSER ECO**

**MANUAL**  
INSTALLATION AND OPERATION

## **Thank you for buying Geyser water filter!**

Our developments and technologies make it possible to ensure the excellent water quality in your house.

This manual describes all of the functions and installation procedure of Geyser water filtering system. Please carefully read and keep it for future use.

The water filter set includes all required parts to use the system immediately after installation.

## PURPOSE

The Geyser Eco filter is designed for purification of the tap water from chlorine, organic and organochlorine substances, heavy metals, iron, petroleum, mechanical particles and other undesirable impurities. It reduces the content of hardness salts.

The compact filter Geyser Eco includes all the traditional methods of water treatment: mechanical filtration, ion exchange, sorption, iron removal and disinfection.

The filter is equipped with composite cartridge Aragon 3 ECO, which combines unique properties of Aragon material and high quality coconut carbon (carbon block); this leads to increase of sorption purification capacity from chlorine and organic matter. Despite its compact size, Aragon-3 Eco provides high resource high efficiency of water purification

## FEATURES & BENEFITS

### RELIABLE AND ECO-FRIENDLY STAINLESS STEEL HOUSING

- The housing is tested at pressure of 25 atm.
- Clamp connection provides tightness and easy cartridge replacement.
- Stainless steel housing guarantees reliability and durability.

### IT IS EASY TO INSTALL AND MAINTAIN

Everything you need to connect the filter is included in the delivery set. Cartridge replacement is made without special tools or arrangements.

### COMPACT

The filter takes 3 times less space than a conventional three-stage filter.

### TECHNICAL CHARACTERISTICS OF GEYSER-ECO FILTERS

Cartridge	Aragon 3 Eco
Temperature of filtered water: °C	+4...+40
Maximum operating pressure, atm	7
Capacity, l/min	up to 3,6
Housing material	stainless steel
Height/diameter, mm	225/171
Cartridge service life*, l	up to 12000

### FILTERING EFFECTIVENESS OF ARAGON-3 ECO FILTER

Particles of > 0.1 µm in size	up to 99%
Lead, zinc, cadmium, cesium	up to 95%
Chlorine	up to 100%
Pesticides	up to 92%
Iron	up to 95%
Aluminium	up to 97%
Oil products	up to 90%

### CONFIRMED BY TESTS:

- Anti-plague station medical unit No. 164 of Federal medico-biological Agency of Russia (accredited testing laboratory center Rostest)
- FSBI "SRI of Influenza" Ministry of healthcare of Russia
- FSBI ECH and STATE them. Sysina, The Health Ministry of Russia

## SCOPO OF SUPPLY

1. Filter with installed Aragon-3 ECO Cartridge.....	1 pc
2. Clean water faucet .....	1 pc
3. Connector pipe, 1/4" .....	1 pc
4. T-piece adaptor with tap .....	1 pc.
5. Operation Manual .....	1 pc
6. Packaging .....	1 pc

\* The actual service life depends on contamination degree of the source water

# FILTER INSTALLATION

It is recommended to install the filter with assistance of a qualified expert or a representative of the manufacturer.

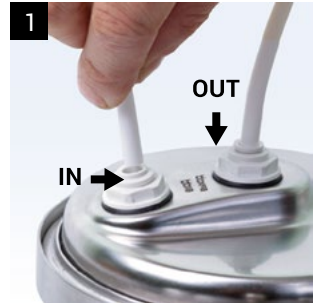
Do not disassemble the equipment without need.

**PLEASE NOTE!** Before you begin work, shut off the water supply and reduce the pressure by opening any faucet below the shut-off position.

## SETTING UP THE FILTER

The system is attached to the cold water main.

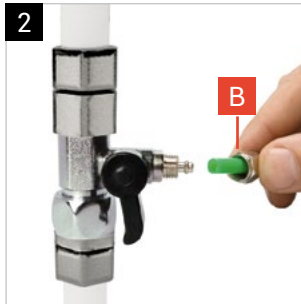
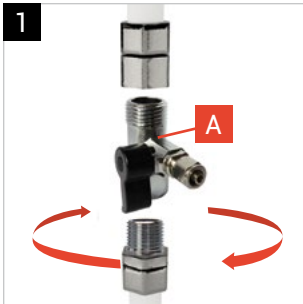
Take out the filter from the packaging. Remove transport plugs. Press the end of the screwdriver on the plastic ring in the connector and pull out the plug. Cut the pipe provided in the set into two parts, and attach each of the parts to the "in" and "out" nozzles of the filter (fig. 1). Place the filter in the location convenient for further operation. To make cartridge replacement more convenient, leave a 15 cm clearance between the floor and the bottom of the filter body.



## CONNECTION TO THE WATER SUPPLY LINE

Make sure that the water supply line is shut off!

1. Install the adapter T-piece (A) on the cold water main, and seal the junctions (fig. 1)
2. Insert the plastic pipe into the nut (B) Install the pipe fully into the nozzle of the ball valve and tighten the nut (fig. 3)



## INSTALLATION OF THE CLEAN WATER TAP

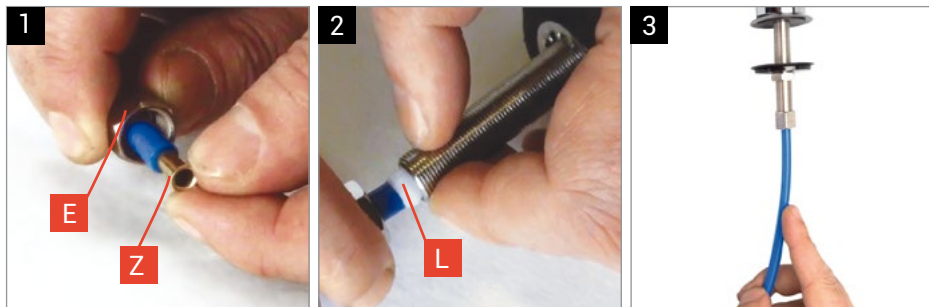
Drill a 12 mm diameter hole in the sink.

Assemble the water tap in the following sequence:

- faucet
- decorative washer
- rubber gasket
- rubber washer
- plastic washer
- split washer
- metal nut



Secure the faucet on the sink. Pass through the blue-color tube into nut (E) (Fig. 1). Insert piston (Z) inside the tube as far as it will go. Put plastic stop ring (L) onto the tube end (Fig. 2). Screw the nut onto the threaded faucet rod (Fig. 3).



Before starting to use the filter, wash it through for 2-5 minutes. Wash the filter through after replacing the cartridge and after a lengthy interruption in use (more than 5 days). There's air left in the system after the installation of the new filter or after replacing the cartridge. This leads to excessive water aeration (visually the water appears to be of milky white color). As the filter is used, the air will leave the system and the cleaned water will become transparent.

## REPLACING CARTRIDGES

Cut off the water supply to the filter. Open clear water faucet. Disconnect the tube from filter. Loose the clamp connection (Fig. 1) open the clamp and detach the cover from the housing (Fig. 2).

Remove the cartridge (Fig. 3). Remove the plug from the bottom part of the cartridge and put it at the filter cap. Lubricate the o-ring with silicone grease (not sealant!) or vaseline.

Insert the cartridge with the cap into the housing and latch the clamp. Screw the clamp connections. Supply water to the filter and make sure that there is no leakage in all connections, rectify if required. Let the water run through the filter for 2 minutes.



**PLEASE NOTE!** Tighten the collar clamp if there should be any leakage from under the lid of the body.

**ATTENTION! In case of do-it-yourself connection, the manufacturer bears no responsibility and accepts no claims resulted from the incorrect connection.**

## **WARRANTY CERTIFICATE**

Release date

FILLED BY A VENDOR

Date of sale

Vendor stamp



## WARRANTY

This filter is under warranty for three years since the date of sale; the clean water tap is under warranty for 1 year. If there should be no date of sale and stamp of the retail organization in the warranty brochure, its warranty period shall be calculated from the manufacturing date. This warranty shall not apply to the cartridge, the service life of the cartridge is shown in Table 1. If any manufacturing defects should be discovered in the cartridge, it can only be replaced after the service unit representative inspects it.

The manufacturer shall not be responsible for any operating problems or consequences of using the filter if:

- the filter or its parts has mechanical damages;
- the setup and maintenance operations did not follow the instructions as set forth herein; the cartridge is beyond its resource life;
- the filter was not used for its intended purpose (to filter aggressive liquids).

The service life of filters is 10 years. Maintenance and post-warranty repairs are carried out by the manufacturer of their regional representatives.

## PRECAUTIONS DURING TRANSPORTATION AND STORAGE

Prevent the filter from falling, freezing and hitting. The filter can be transported in any enclosed transport (except non-heated plane compartments), in accordance with corresponding mode of transportation norms and rules.

The filter must be stored in full packaging at least 1 meter away from any heating devices at the temperature from +5 to 25°C.

Keep away from aerosols, aggressive and fragrant substances.

Manufactured in accordance with TU 3697-023-48981941-2014



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