

WARRANTY LIABILITY

The warranty period is 2 years from the date of sale. If there is no date of sale and a trade organization stamp, the warranty starts from a production date. The warranty does not cover a filtering element.

A warranty liability becomes void in the following cases:

A filter and spare parts have mechanic damages;

The requirements of this manual were not followed during a filter connection and usage;

A filter was used in inappropriate way (e.g. for corrosive liquid purification).

PRECAUTIONS

Protect a filter from drops and shocks

Do not allow a filtering element overdrying. It must be always wet.

Be careful during filtering element extraction in order not to damage it.

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Postal address: 195279 Saint-Petersburg, P.O.B. 379

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Addresses of service providers:

■ GEYSER D.O.O.

Južni Bulevar 136
111 18 Belgrade, Srbija
e-mail: serbia@geizer.com

■ GEYSER FILTRY, s r.o.

Sokolovská 1276 / 152
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■ GEYSER BALTIJA

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■ SC GEYSER FILTERS SRL

Romania, Bucharest,
street. Arh Ionescu Grigore № 63, block. T73,
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WARRANTY CERTIFICATE

Production date _____

FILLED BY A VENDOR

Date of sale _____

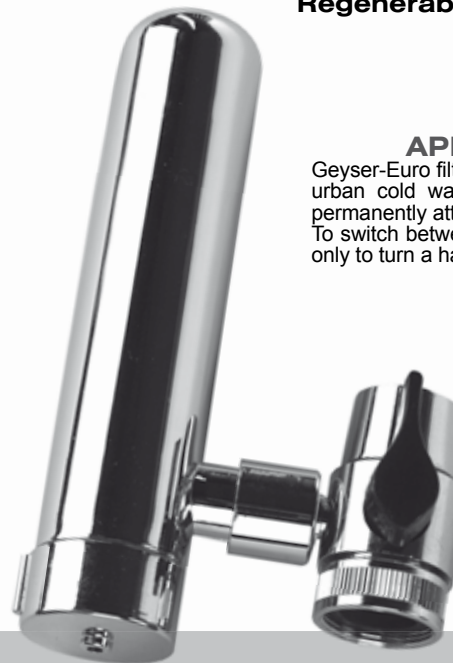
Vendor stamp _____



GEYSER

GEYSER-EURO

Regenerable water filter



APPLICATION

Geysler-Euro filter is designed for advanced urban cold water treatment. This filter is permanently attached to a faucet's spout. To switch between filter positions you need only to turn a handle.

EAC

Operational
manual

WATER TREATMENT PRINCIPLES

Mechanical treatment

Outer surface of Aragon filtration material stops dirt, rust and other sediments > 0.4 µm.

Chemical treatment

Due to the chemical bonding Aragon removes from water heavy metals, including radioactive isotopes, organochlorine compounds, phenols, and pesticides.

Biological treatment.

Active silver in structure of Aragon material suppresses filtered micro organisms activity.

Quasi-softening

A scale formation in water after boiling is reducing.

PURIFICATION EFFICIENCY, %*

Urban water	150 L	1000 L	3000 L
SUSPENDED SOLIDS > 5 µm	100	100	100
TURBIDITY	95	100	100
COLOUR	87	90	90
CHLORINE	99	95	95
LEAD, CADMIUM, CAESIUM -137.	95	95	95
IRON IN TOTAL	85	90	90
ORGANIC COMPOUNDS	95	95	95

* Depends of initial water quality

TECHNICAL SPECIFICATIONS

Volume of treated water before first regeneration, L	300
Total volume of treated water (before filtration element replacement), L	up to 3000
Recommended filtration rate, L/min	up to 0,5
Connection	internal thread M22x1

FILTER INSTALLATION

There are the following alternatives to a filter set-up on a faucet spout (a tap is off).

- If a spout has outer thread M22x1, a divider is screwed off from a spout and a diverter is screwed on a spout. The connection is firmed by an available elastic gasket.
- If a spout has internal thread M24x1, a divider is screwed off from a spout, an adapter coupling (packed) is screwed on a spout and a diverter is screwed on a threaded part of a muff (M22x1).

GETTING STARTED

After a filter set-up:

- To remove an air lock, turn a housing hole up in clockwise order; then turn a diverter handle across a housing (water supply to a filter) and open cold water tap carefully; water begins to fill a housing;
- When water stream flows without air bubbles, a tap should be turned off and a housing should be turned in clockwise order with its hole down;
- If there are leaks in conjunctions, screw them; Water should be drained during 1 min. in order to wash a new filtration element (FE);
- To reach the best degree of purification, a mixing faucet should be adjusted to have water consumption of max. 0,5 L/min.
A filter is ready to work.

FILTER USAGE

After having sustained interruptions in filter working, a filter should be washed with water passing through it for a few minutes. It should be done before a filter is filled with clean water.

While operating a filter becomes cluttered. It leads to water flow reducing and shows a filter working efficiency. Loss of flow intensity depends on the quality and quantity of water supplied. When the rate of filtration reduces it means that FE needs cleaning or replacing.

FILTER ELEMENT CLEANING (REGENERATION)

Providing a mixing faucet closed, a handle should be turned off and a FE should be taken out following the warnings. FE cleaning has two stages:

Mechanical cleaning.

FE should be cleaned with a soft brush (e.g. tooth brush) under hot water spray. If its thin surface layer is removed, the purification efficiency will become better.

Recovery of ion-exchange properties.

It is necessary to make 3%-solution of citric acid (0.5 tea spoon for 100 ml of water) and dip FE in it. This solution should cover FE entirely. Leave FE in the solution for a night (about 10 hours), then discharge the solution and dip FE in baking soda solution (0.5 tea spoon for a glass with water) for 30 minutes.

Afterwards, set a FE into a housing and wash with stream water for 3-5 minutes. A filter is ready to work.