

# GEYSER

water filters

# HORECA

WATER TREATMENT SYSTEMS

for coffee shops, bars, restaurants, business centers  
and manufacturing plants





# ABOUT US

Geyser is a dynamically growing research and production holding with a decades-long history. The first Geyser filters were launched in 1986, the company stands at the origins of the formation of the water purification market.

Geyser annually performs thousands of research and development works, producing new types of products. Numerous patents, both Russian and international, attest to the effectiveness of unique water purification technology.

The company manufactures thousands of products that are sold throughout Russia and in 50+ countries around the world. Geyser manufactures water purification systems for country residences, catering enterprises, manufacturing sites, etc., in addition to household filters. The company offers a variety of turnkey water purification systems, warranty and post-warranty servicing through a developed network of representative offices and dealers.



**> 37**  
FOR  
**YEARS**  
we develop  
and manufacture water  
purification systems

**> 50**  
**COUNTRIES**  
our equipment is sold  
worldwide

**> 50**  
**PATENTS**  
patents protect our  
unique designs

**> 40**  
**MLN PEOPLE**  
use our water purification  
systems

MADE IN RUSSIA

# HIGH PERFORMANCE FILTERS WITH QUICK-RELEASE CARTRIDGES



# ACCORD SERIES FILTERS

The realistic and practical solution for:

coffee machines



combi steamers



bakeries



dishwashers



ice makers



## ADVANTAGES

- ✓ Protection of equipment against faults caused by limescale and rust
- ✓ Improving the quality of beverages and ice by optimizing water
- ✓ Quick-release housings for easy replacement without a wrench

15 SL





# ACCORD HARD

for hard water

Perfect water for coffee preparation by reducing carbonate hardness to an optimum level

As part of the ARAGON NRG – combined cartridge for complete purification



ACCORD 3 HARD

## LONGER LIFE

due to additional mechanical and sorption cartridges



ACCORD HARD

## ADVANTAGES

- ✓ Long-lasting prevention of limescale formation by correcting mineral composition
- ✓ Residual hardness is stabilized, and the formation of calcium carbonate and iron ions is inhibited
- ✓ It contributes to the formation of a corrosion protection layer on the heating elements

# ACCORD SOFT

for soft water

As part of the ARAGON SOFT – combined cartridge for complete purification



ACCORD 3 SOFT

## LONGER LIFE

due to additional mechanical and sorption cartridges



ACCORD SOFT

## ADVANTAGES

- ✓ It purifies water using three ways at the same time:
  - mechanical, ion exchange, and sorption

- ✓ Prevents the growth of filtered bacteria thanks to the silver component in a safe form

# ACCORD UF

- ✓ Effective disinfection of soft water
- ✓ High color reduction resource

## Ultrafiltration membrane

- ✓ removes bacteria, cryptosporidium, giardia, and other protozoan pathogens
- ✓ cleans humic acids and other natural colorants
- ✓ Iron, manganese, and other heavy metals are finely purified

Mechanical and sorption cartridges are used for complete purification



# ACCORD RO

- ✓ Demineralization of water of any hardness
- ✓ All pollutants are purified at the molecular level

## 800GPD reverse osmosis membrane

- ✓ Retains all impurities, including bacteria and viruses
- ✓ Protects against limescale for the entire period of operation
- ✓ It operates successfully at low pressures thanks to the pressure booster pump

The pre-cleaning cartridge contributes to the membrane's longevity





“WITH THE ACCORD FILTER, THE QUALITY OF OUR COFFEE IS CONSISTENT. OUR COFFEE SHOP CUSTOMERS ARE OVERJOYED BECAUSE THE FLAVOR IS ALWAYS PERFECT”



“WITH ACCORD FILTERS, I KNOW MY EXPENSIVE EQUIPMENT IS RELIABLY PROTECTED FROM LIMESCALE, AND IT WILL LAST A LONG TIME”



# WHOLE HOUSE WATER FILTERS



# CARTRIDGES FOR WHOLE HOUSE WATER FILTERS

FOR COLD AND HOT WATER

**GEYSER**  
water filters

## ARAGON CARTRIDGES

*for complete purification*

Soft and hard water purification from insoluble impurities, heavy metals, iron and manganese, chlorine and bacteria, odors and flavors.

- ✓ Purification using three ways at the same time:
  - mechanical, ion exchange, and sorption
- ✓ The cartridge itself will remind you of the resource's exhaustion by sharply lowering the pressure



ARAGON 3

for soft water

10BB  
20BB



ARAGON 32

for hard water

10BB  
20BB

## CATALON CARTRIDGES

*removal of heavy metals*

Purification of water from dissolved and oxidized iron, manganese, zinc, copper, cobalt, nickel, mercury, lead, cadmium, arsenic, etc.

- ✓ Removal of heavy metals with preservation of useful minerals
  - calcium and magnesium
- ✓ Protection against slippage of untreated water due to enlargement of the cartridge when it gets wet



FE

removal of heavy metal cations

10BB  
20BB



FE MIX

additional colloidal and bacterial iron retention

10BB  
20BB

# PREMIER

Main line filter housings  
of food grade stainless steel  
**FOR COLD AND HOT WATER**

## ADVANTAGES

- ✓ **RELIABLE**  
Maximum working pressure 8 atmospheres.  
It withstands a hydrostatic shock  
of 40 atmospheres
- ✓ **DURABLE**  
Stainless steel is corrosion resistant. The  
housing life is at least 10 years
- ✓ **SAFE**  
Food grade steel does not accumulate  
or release contaminants. It is completely safe





## EASY CARTRIDGE REPLACEMENT

### NO WRENCH REQUIRED

The clamp connection allows you to change the cartridge without using a special wrench.

### NO WAITING

Thanks to the drain valve you don't have to wait for hours for the hot water to cool down.

### CONVENIENT

Access to the cartridge for replacement is convenient even in tight spaces.







**THREE-STAGE FILTERS**



# THREE-STAGE FILTERS

## SMART BIO

for soft water



Complete purification and mineral beneficiation (calcium, magnesium and potassium)

## SMART MAX BIO

for hard water



Removal of limescale, preserving water natural mineralization

## SMART SERIES ADVANTAGES

- ✓ 100% protection against viruses and bacteria, you can drink it
- ✓ unboiled Quick-release cartridges for easy replacement without a wrench



# REVERSE OSMOSIS SYSTEMS

# REVERSE OSMOSIS SYSTEMS



Long-lasting comprehensive  
cleaning of all contaminants  
at the MOLECULAR LEVEL

- ✓ **RELIABLE**  
Protection against limescale and rust for the entire period of operation, even with ultrahard water
- ✓ **COMPACT**  
Minimum space required, despite the performance and cleaning of all impurities
- ✓ **SAFE**  
100% removal of bacteria and viruses, no need to install UV lamps to sanitize water
- ✓ **DELICIOUS**  
The removal of hardness salts, iron, and chlorine improves the flavor of beverages and foods.
- ✓ **LONG LASTING**  
Pre-purification using mechanical and sorption cartridges extends the service life



**MAESTRO 2000**  
up to 2000 l/day

**MAESTRO 4000**  
up to 4000 l/day

## MAESTRO

✓ Reverse osmosis with filtered water feed-up

### WATER PURIFICATION STAGES

- 1 Pre-purification is performed by the Aragon 3 cartridge, which simultaneously removes organic matter, heavy metals, iron and chlorine.
- 2 Reverse osmosis membrane retains any impurities, including bacteria and viruses.
- 3 Carbon post-filter (standard 10BB) improves organoleptic properties of water, removes unpleasant odors and tastes.

**By mixing water purified in an Aragon 3 cartridge and passed through a reverse osmosis membrane, the required level of mineralization is achieved for the best coffee flavor.**

## LINE

- ✓ Compact high performance reverse osmosis
- ✓ With complete pre-purification
- ✓ With pressure booster pump

### WATER PURIFICATION STAGES

- 1 The mechanical cleaning cartridge (standard 10BB) removes rust, dirt, sand and other insoluble impurities.
- 2 The sorption cartridge (standard 10BB) effectively removes organic compounds, chlorine, unpleasant odors and flavors.
- 3 Reverse osmosis membrane retains any impurities, including bacteria and viruses.

**LINE 1500**  
up to 1500 l/day

**LINE 4000**  
up to 4000 l/day







**MAXI 1500**  
up to 1500 l/day

**MAXI 3000**  
up to 3000 l/day

**MAXI 4500**  
up to 4500 l/day

**MAXI 6000**  
up to 6000 l/day

## MAXI

- ✓ Individual drainage adjustment
- ✓ Filter element contamination control

### WATER PURIFICATION STAGES

- ① The mechanical cleaning cartridge (standard 20SL) removes rust, dirt, sand and other insoluble impurities.
- ② The sorption cartridge (standard 20SL) effectively removes organic compounds, chlorine, unpleasant odors and flavors.
- ③ Reverse osmosis membrane retains any impurities, including bacteria and viruses.
- ④ Carbon post-filter (standard 20SL) improves organoleptic properties of water, removes unpleasant odors and flavors.

## OKHTA

- ✓ Vandal resistant all-metal housing
- ✓ Individual access

### WATER PURIFICATION STAGES

- ① The mechanical cleaning cartridge (standard 20BB) removes rust, dirt, sand and other insoluble impurities.
- ② Reverse osmosis membrane retains any impurities, including bacteria and viruses.
- ③ Carbon post-filter (standard 10BB) improves organoleptic properties of water, removes unpleasant odors and flavors.

**OKHTA 1500**  
up to 1500 l/day

**OKHTA 3000**  
up to 3000 l/day

**OKHTA 4500**  
up to 4500 l/day

**OKHTA 6000**  
up to 6000 l/day



# COMPACT WATER PURIFICATION SYSTEMS AQUASHEF

with ECOTAR filter  
medium



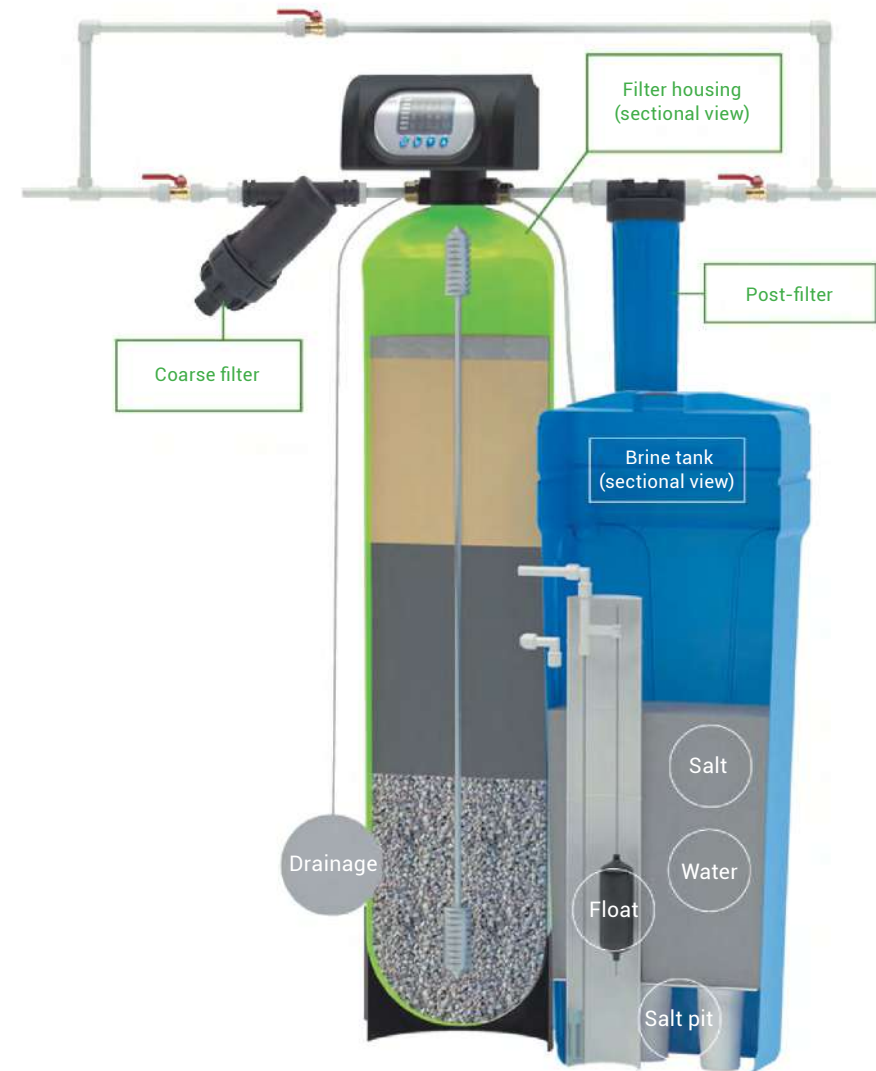


## TOTAL 1 COLUMN FOR COMPLETE PURIFICATION OF WATER FROM

- wells
- boreholes
- reservoirs

## ADVANTAGES

- ✓ **COMPACT**  
2-3 times less space is needed compared to systems running on conventional media
- ✓ **COST-EFFICIENT**  
Regeneration with table salt, without potassium permanganate
- ✓ **CONVENIENT**
  - 1 valve control,
  - without aeration and dosing units
  - Fully automatic system flushing and regeneration
  - No need for constant addition of oxidizing agents and coagulants
- ✓ **EFFECTIVE**  
Simultaneous removal of all types of iron, heavy metals, hardness salts, mechanical impurities, organics and bacteria, even at extremely high levels of contaminants



# AQUASHEF VERSIONS

DEPENDENT ON WATER SOURCE AND NUMBER OF WATER POINTS

## ARTESIAN WELLS (from 80 meters deep)

**10"**  
**54**

AQUASHEF M 422  
1-2 water points

**B30**

**12"**  
**52**

AQUASHEF L 432  
2-3 water points

**B30**

**13"**  
**54**

AQUASHEF XL 432  
3-5 water points

**B30**

IRON	MANGANESE	HARDNESS	PERMANGANATE INDEX
up to 30 mg/l	up to 8 mg/l	up to 15 °	up to 5 mg O <sub>2</sub> /l

## SHALLOW BOREHOLES (UP TO 80 m DEEP) AND WELLS

**10"**  
**54**

AQUASHEF M 232  
1-2 water points

**ABio**

**12"**  
**52**

AQUASHEF L 232  
2-3 water points

**ABio**

**13"**  
**54**

AQUASHEF XL 232  
3-5 water points

**ABio**

IRON	MANGANESE	HARDNESS	PERMANGANATE INDEX
up to 8 mg/l	up to 2 mg/l	up to 10 °	up to 10 mg O <sub>2</sub> /l

## OPEN WATER BODIES

**10"**  
**54**

AQUASHEF M 622  
1-2 water points

**C30**

**12"**  
**52**

AQUASHEF L 632  
2-3 water points

**C30**

**13"**  
**54**

AQUASHEF XL 632  
3-5 water points

**C30**

IRON	MANGANESE	HARDNESS	PERMANGANATE INDEX
up to 2 mg/l	up to 2 mg/l	up to 5 °	up to 30 mg O <sub>2</sub> /l

If the water analysis parameters do not fall within the specified parameters, our experts will find a customized solution

■ ABNORMAL CONTENT   
 ■ ULTRA-HIGH CONTENT   
 ■ HIGH CONTENT   
 ■ ELEVATED CONTENT





[geysers.kz](https://geysers.kz)



[geizer.com](https://geizer.com)



[geysers.pro](https://geysers.pro)