

# AQUAPHOR<sup>®</sup>

water filters



## RO-101S

REVERSE OSMOSIS SYSTEM



**AQUAPHOR®**  
water filters



**PREMIUM  
DRINKING WATER**

Transforms your tap water  
into clean and great tasting  
AQUAPHOR water

A sustainable source  
of purified water for drinking,  
cooking, children food  
and long life of home  
appliances





## Advantages of RO-101S:

- Compact, productive and water-efficient RO system with 5 liter storage tank.
- System works with pressure as low as 2 bar.
- The device takes up much less space under the sink than a traditional reverse osmosis unit.
- The filter purifies water without the use of any chemical additives.



Easy cartridge replacement.  
Safe and clean  
maintenance in one click.



Long-term  
elimination  
of hardness  
and limescale



Suits allergy  
patients  
and sensitive  
family members





### Versatile protection against:

- Bacteria
- Viruses
- Heavy metals
- Arsenic
- Nitrates, nitrites
- Pesticides
- Limestone
- Active chlorine
- Organic compounds
- Colloidal iron
- Pharmaceuticals (antibiotics, hormones)

**Ca<sup>2+</sup> Mg<sup>2+</sup>**

Optimizes Ca<sup>2+</sup>  
and Mg<sup>2+</sup> concentration

**99,99%**

Protection against  
bacteria and viruses







## Innovative technologies

In the 27 years of its research and development work, the company presented the world with a number of unique technologies.



AQUALEN™ is a patented fibrous chelating ion-exchange sorbent.

AQUALEN™ irreversibly binds heavy metal ions. It has superior adsorption capacity. AQUALEN™ sorption surface area is 33 times larger than that of the conventional ion-exchange sorbents. It is equally effective in water of any hardness.

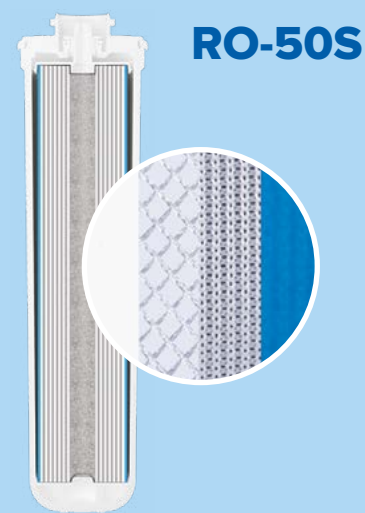
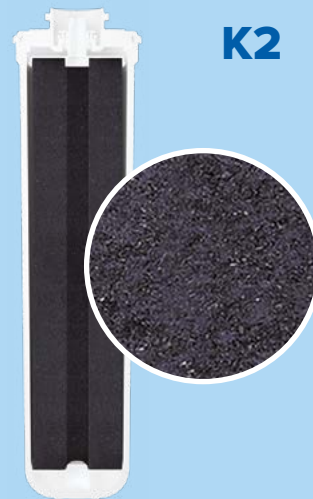
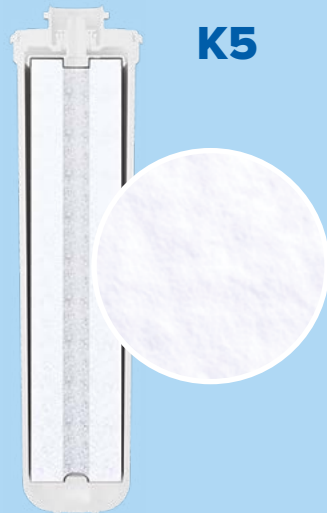
The filters based on AQUALEN™ technology are more than 10 times faster and more reliable than the conventional filters.

## CarbFiber Block (CFB)

CarbFiber Block (CFB) is a manufacturing technology of water filtration media with different degrees of porosity and is designed for water of any pollution level.

The CFB technology allows adding AQUALEN™ to the mix, resulting in increased hydrophilicity of the carbon block which significantly increases the lifespan and dirt capacity of all AQUAPHOR filters.





### MECHANICAL PRE-FILTER

- Filters sand, rust and other insoluble impurities.
- Reduces other sediment particles matter 5 microns or larger in the water.
- Extends effective filtration of the other cartridges.

### SORPTION TREATMENT AND FILTRATION

- Reduces suspended and sediment particles matter 3 microns or larger.
- Carbon-fiber-block with AQUALEN™. Reduces organic impurities and chlorine water.
- AQUALEN™ ion-exchange fiber with modified selective chelate groups completely removes heavy metals from water.

### MEMBRANE CARTRIDGE

- Reverse osmosis membrane rejects even the tiniest amounts of impurities in tapwater, including nitrates and nitrites, that sorption filters do not remove.
- Complete protection against bacteria, viruses, and protozoa (microorganisms).
- Radical water softening prevents scale formation, extending life of kitchen appliances.
- Productivity 190 L per day (50 gallons).

### WATER CONDITIONING AND MINERALIZATION

- Reduces suspended and sediment particles matter 0.8 microns or larger.
- Enriches water with useful minerals  $Mg^{2+}$  and  $Ca^{2+}$  that improves taste and restores drinking water salt balance.
- Effectively reduces chlorine, heavy metals (lead, copper, mercury) and organic impurities thanks to our unique ion-exchange fiber AQUALEN™.



### **DELICIOUS DRINKS**

Soft water makes coffee and tea taste more intense.



### **LIMESCALE-FREE HOME APPLIANCES**

Coffee machines, humidifiers, steam iron and other devices serve longer and require less repair.



### **FLAVORFUL FOOD**

Cooking with AQUAPHOR® filtered water reveals rich flavors of your dishes.



### **PLASTIC FOOTPRINT REDUCTION**

AQUAPHOR water filtration is a sustainable way to cut daily plastic waste.







## RO-101S

Packaging Unit	Consumer Unit
Package Dimensions (length × height × width, mm)	395 x 441 x 199
RO-101S Dimensions (length × height × width, mm)	371 x 420 x 190
Net weight, kg	6,1
Gross weight, kg	6,827
Trade Units per pallet	48
EAN	4744131011950



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The standard of good water

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