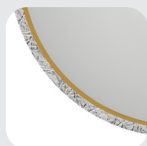


Durability matters!

The AQUAPHOR filter housing, is made of thick-walled reinforced polymer. As a result, it is extremely resistant to internal and external loads.



Housing of a standard softener



Housing of AQUAPHOR softener

| Source water requirements | S550 | S550 P1 |
|---|----------------|---------|
| Water hardness, mg-eq/L | > 24 | |
| Content of ferrous iron, mg/L | > 10 | |
| Content of ferric iron, mg/L | > 0.3 | |
| Manganese content, mg/L | > 3 | |
| pH | from 6 to 9 | |
| Temperature, °C | from +5 to +38 | |
| Content of oil products, mg/L | > 1 | |
| Hydrogen sulfide, mg/L | > 0.03 | > 1 |
| Permanganate index, mgO ₂ /L | > 5 | |
| Silicon, mg/L | > 10 | |

Removes from water:

- Dissolved iron (up to 10 mg/L)
- Water hardness (up to 24 mg-eq/l)
- Manganese (up to 3 mg/L)



Detergent savings, soft fabric after washing



Extends the life of a water heater and ensures its smooth operation



Shiny hair and healthy skin

AQUAPHOR®

water filters

Water softener

S550, S550 P1



Booklet S550



Sales Department

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Models

S550, S550 P1

Both models reduce calcium, magnesium and iron.

Model S550 P1 additionally removes hydrogen sulphide.

Hard water

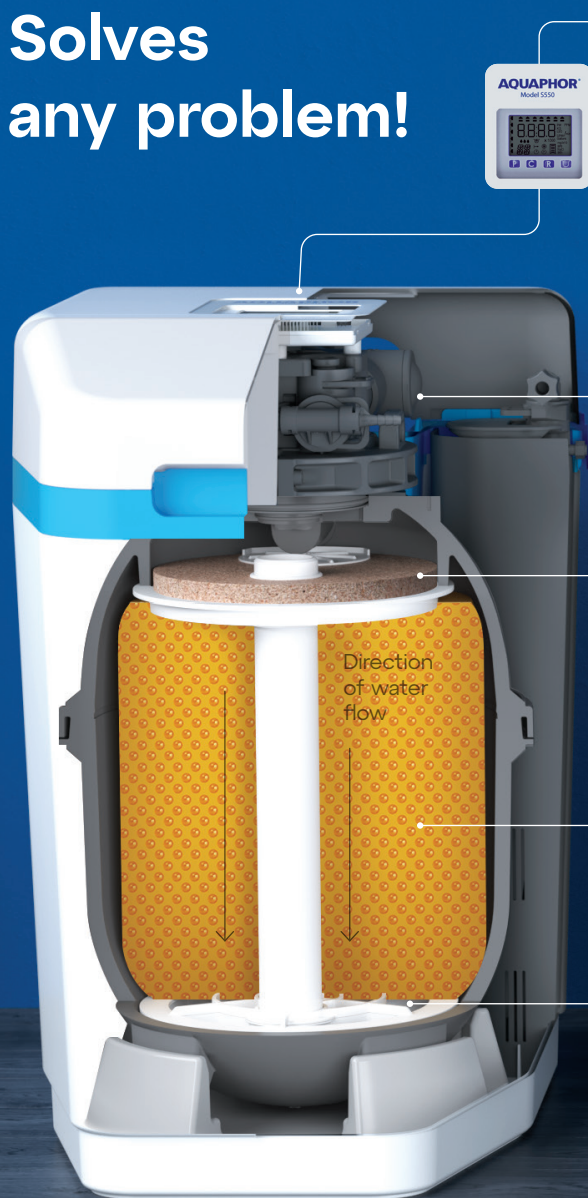
- Increases the consumption of detergents (washing powder, shampoo, soap) by 3–4 times.
- Increases the energy consumption for water heating by 30–50%.
- Reduces the service life of household appliances by 3–5 times due to the formation of scale.
- Disables plumbing equipment.
- Causes skin dryness and aging.
- Provokes exacerbation of atopic dermatitis.

Dimensions
(L × H × W) 322 × 554 × 430 mm

Performance
1.4 m³/h

Gross weight
35 kg

Solves any problem!



Automatic controller

Controls the valve operation during water filtration and ion exchange resin regeneration. Due to a built-in battery, power outages do not cause the current settings failure.

Patented control valve

Ensures trouble-free operation of the filter throughout its entire service life.

Built-in self-cleaning pre-filter

Protects the ion-exchange resin from mechanical impurities.

The filter media in the **S550 P1** model contains a special compound KDF 85 for effective removal of hydrogen sulfide.

Ion exchange resin

The filter uses a very fine uniform ion exchange resin. It has a large specific surface area. This increases the efficiency of the filter during both operation and regeneration.



Regular resin
Ø 0.8–1.2 mm



AQUAPHOR S550
Ø 0.2–0.3 mm

Patented directional flow screens

The sorbent is fixed between two 100 micron mesh screens. This allows the use of superfine ion exchange resin, which increases the efficiency of the filter compared to conventional softeners up to 300%.