

AQUAHOME 11
AQUAHOME 17
AQUAHOME 22

VIESSMANN

Water treatment plants

Popular water purification plants for apartments, suites and homes



Water quality in your home is not satisfactory? Lime build-up in the kettle and unpleasant deposits still visible on kitchen and taps? Do you still clean light spots in the shower and your skin and hair are dry after showering? You have hard water!

How to get rid of hard water?

Hard water can be softened with an Aquahome water . The plant will eliminate the problem of limescale deposits that damage household appliances, cause costly damage to the heating system, affect the skin and hair everyone in the family and increase the cost of home maintenance.

- Each 0.5° dh means about 10 g of alum per 1 m3 of water.
- As little as 1 mm of boiler scale can mean a reduction in heating system efficiency of around 10%.
- A reduction in heating system efficiency of around 10% leads to an increase in fuel consumption of up to 20%.

Benefits of Aquahome Station:

- + Choice of installers
- + Economical operation
- + Easy servicing
- + Small winterers
- + Reliability
- + Resilience
- + Hassle-free maintenance



Aquahome 11 station is the smallest model from the Aquahome range - there's even room for it in your apartment, for example in the kitchen cupboard under the sink.

The compact Aquahome 17 fits under a hanging boiler, making installation much easier and saving valuable space.

adjustable Aquahome 22 is the ideal choice for homes with high water requirements, but with limited installation space.

AQ UAHOM E 11 / AQ UAHOM E 17 / AQ UAHOM E 22

Popular water purifiers for apartments, suites and homes

How does it work?

The station is installed on the main water connection so it can soften every drop of water used in the home before it reaches the boiler, washing machine, , shower and any other tap. The water flows through an ion-exchange resin in the station's cylinder, which is charged with sodium ions. The resin takes calcium and magnesium ions, which are responsible for water hardness, from the water and releases sodium ions in return. When the capacity of the resin runs out, i.e. when the resin's ability to further retain calcium and magnesium is close to its limits, the device automatically undergoes a regeneration process (usually once a week). The process consists of from rinsing the resin with a solution of water and salt tablets in the station's tank. This solution contains a high concentration of sodium ions, which is used to fill the resin while flushing the post-regeneration detergents into the sewer system along with the previously retained calcium and magnesium.

The average lifetime of the resin is calculated over several years, depending on the quality of the softened water and its consumption. During this period, salt tablets should be added to the plant periodically - A 25 kg bag is usually enough for several months.

How hard is the water in your area?

The hardness of water is usually given in degrees of Germany (°dH). The more German degrees, the harder the water and causes more limescale

formation. Water up to 7°dH is moderately soft, 8-14°dH is moderately hard, 15-21°dH is hard, and above 21°dH is very hard.



Softened water has many advantages:



Reducing expenditure

We can save up to 60% on cleaning products and reduce energy bills by at least 10%.



Saving time

Cleaning with soft water is easier. Fixtures and sanitary facilities are no longer covered with hard-to-remove limescale deposits.



Extended lifetime

You can enjoy your heating system and that come into contact with water for longer.



Healthy skin

Soft skin after washing, without the need to use large amounts of detergents that can dry and irritate it.



Fabric protection

Long-lasting comfort, the touch of the skin is particularly pleasant when wearing clothes. The fabric retains its intense colours even after many washes without the use of softeners.

Tips		Aquahome 11	Aquahome 17	Aquahome 22
Application		Apartment Apartment in house	single-family house with 1 bathroom	single-family house with 2 bathrooms
Digital (volume) management		■	■	■
Dimensions				
height	mm	650	822	1067
width	mm	300	302	302
depth	mm	480	480	480
Maximum supply intensity	m ³ / h	1,1	1,9	2,1
Resin volume	dm ³	11	17	22
Water inlet type	litres	water supply	water supply	water supply
Maximum ion exchange capacity ⁽¹⁾	m ³ x °dH	34	62	95
Maximum water efficiency between 2 regenerations (at a water hardness of 18°dH)	litres	1 900	3 400	4 200
Average salt consumption during regeneration	kg	1	2	3,2
Average water consumption during regeneration	litres	57	60	110
Operating pressure range min./max.	bar	1,4 - 8,0	1,4 - 8,0	1,4-8,0
Connection diameter	cal	1"	1"	1"

⁽¹⁾ The maximum ion exchange capacity is not a parameter that determines the frequency of regeneration.