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An intelligent solution to the problem of hard water AQUAHOME SMART

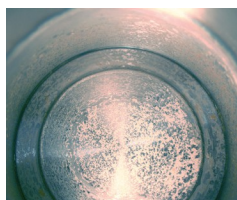
Modern, intelligent AQUAHOME SMART water purification plants will improve the quality of water in your home.

- + Control the appliance with iQUA-equipped smartphone.
- + Check the water hardness - the tester inside!

Do you still need to scrub off limescale deposits in your kitchen and bathroom? Does your skin and hair get too dry after a bath? Time to get rid of hard water!



So much of the water in the house - 97% - used for laundry.



Hard water causes deposits to build up on equipment such as the kettle.



Hard water is a threat to boilers - it also causes a significant reduction in the thermal efficiency of the heating system.

Signs of hard water in the house

Faulty installations and appliances - just a 1 mm layer of limescale on the walls of a heating appliance increases heat costs by approx. 20% Boilers and water heaters, washing machines, dishwashers and coffee machines are particularly susceptible to damage.

Persistent limescale deposits - hard water that are difficult to clean off and are visible, especially on bathroom fixtures, kitchen utensils and crockery.

Dry hair and skin - Hard water dries and irritates the skin, increasing the risk of allergies and eczema, especially in children. Hair washed in hard water becomes dry, difficult to manage and dull.

Damaged clothes after washing - clothes washed in hard water wear out faster, lose colour and softness, even with fabric softeners.

Detergents and cosmetic products lather poorly - soaps, liquids and shampoos cannot fully dissolve in hard water, so you need to use higher doses to wash and clean, and then take more effort to rinse thoroughly.

The solution The

intelligent AQUAHOME SMART Water Purification Plant will solve the **problem of** hard water a problem in your home. Simply install the unit at the main cold water connection, close to the drain and with access to electricity, and soft, equipment-safe water will start flowing from all taps and systems and users. The AQUAHOME DUO SMART is also equipped with activated carbon, which will only soften but also filter the water throughout the house, allowing you to drink it straight from the tap without the slightest taste of chlorine. AQUAHOME MIX SMART is equipped with a unique multifunctional resin that will purify the water of its , removing iron, manganese, ammonium and organic compounds.

iQUA mobile app

AQUAHOME SMART smart devices communicate with the user via the iQUA app installed on the smartphone. It gives you constant access to important information about your water consumption at home - the app graphs when and how your family uses water at home, so you can use it more consciously and economically. The app will also inform you when the salt is about to run out so that can add it in time, and will take care of safety - the app will send an alarm in case of sudden, excessive water consumption, which could be a leak or malfunction.

Benefits of water purification:

- + Heating boilers and heating boilers, piping, fixings and plumbing equipment protection against limestone deposits
- + Longer lifetime for washing machines and , coffee machines.
- + Approximately 20% lower heating costs.
- + Approx. 60% less detergent Consumption.
- + Clean and safe water throughout the house.
- + Durable, softer clothes after washing
- + Healthy and smooth , shiny hair.
- + Tasty water to drink straight from the tap, moving away from environmentally harmful and too expensive plastic bottled water - AQUAHOME DUO SMART.



How does it work?

Once installed in the boiler room, basement or utility room, every drop of incoming water will flow through a resin that will soften or filter the water. Every few days, the machine automatically regenerates the resin - rinsing it with salt water so that it can purify the water again. Regeneration always takes place at the time of lowest water use, e.g. at night. The lifetime of the resin is calculated to be approximately 12 years, depending on the initial quality and quantity of water used in the house. Excluding periodic salt replenishment, the equipment requires no .



The modern and functional AQUAHOME SMART appliances provide maximum user comfort and access to information on water consumption in the home via smartphone.



modern, fully automated AQUAHOME SMART water purification equipment will help to eliminate annoying limescale deposits throughout the house and ensure the longest possible service life of the heating system.



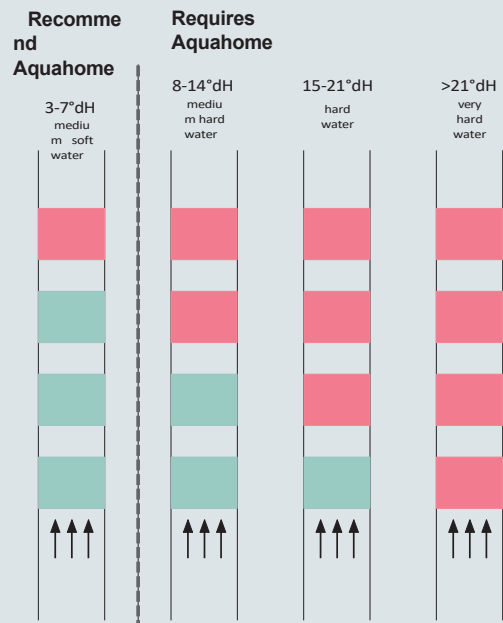
Discover our mobile app that gives you constant access to important information about your home water consumption. Analyse, compare and start saving water with your family!
www.aquahome...

AQUAHOME SMARTURE ASSESSMENTS HAVE ACCOUNTRIED THESE PERIODS :

- + Efficient removal of hard water throughout the house.
- + The best heating systems and home appliances protection of installations against harmful limescale deposits.
- + Smart devices that communicate with the user via smartphone and help make your home more water efficient.
- + A proven and reliable Viessmann product, sold for many by authorised Partners who provide warranty and after-sales service for equipment nationwide.
- + One of the cheapest operational softeners on the European market, using small doses of salt for regeneration.
- + Efficiency and reliability to guarantee a long service life and security.

Check the water hardness in your house!

Dip the indicator in fresh, cold water for 1 second. 1 minute after compare the result with the colour scale provided here.



Water treatment plants AQUAHOME SMART

Tips		Aquahome 20 SMART	Aquahome 30 SMART	Aquahome DUO SMART	Aquahome MIX SMART ^{*1}
Application		4-5 person households	for larger households	water softening and filtration throughout in house	an individual water supply containing iron and manganese, for users
Digital (volumetric) control		■	■	■	■
iQUA mobile app		■	■	■	■
Smartphone operation		■	■	■	■
Dimensions					
height	mm	1 086	1 086	1 086	1 086
width	mm	438	438	438	438
thickness	mm	524	524	524	524
Maximum flow rate	m ³ / h	2,0	2,8	2,9	1,2 ^{**}
Resin volume					
ion-exchange resins	dm ³	20	26	20	25
activated carbon	dm ³	-	-	9	-
Maximum ion exchange capacity ^{*3}	m ³ × °dH	76	110	93	68 ^{**}
Maximum water entry between regenerations (hardness °18 dH)	litres	4 200	6 100	5 200	3 800
Average salt consumption per regeneration	kg	3,2	3,9	3,9	3,7
Average water consumption per regeneration	litres	105	140	175	165
Operating pressure limits min / max	bar	1,4 - 8,0	1,4 - 8,0	1,4 - 8,0	1,4 - 8,0
Connection diameter	cal	1"	1"	1"	1"

^{*1} Guarantee of standard drinking water parameters after consultation with the supplier.
^{**} Depending on water parameters.
^{(*)3} The maximum ion exchange capacity is not a parameter of the regeneration frequency.



The large salt tank and simple design make it easy to add salt periodically.

CONTRIBUTION APPLICATION

- + High-tech device.
- + Complex water purification at home.
- + High efficiency.
- + Intelligent solutions, comfortable use.
- + Attractive design.
- + Economical and environmentally friendly operation.

Your expert