

Wedeco Aquada

ELIMINATE MICROORGANISMS IN YOUR WATER AT HOME



Keep your water free from bacteria, viruses and parasites

The water you use at home is normally treated at a plant to ensure it is safe for consumption. However, if the water has been treated with chlorine, or if the pipes transporting the water to your house are contaminated, you may have harmful by-products or microorganisms in your water.

The Wedeco Aquada system was developed as a final barrier to eliminate these by-products and microorganisms before they enter your home. It works by using ultraviolet (UV) light irradiation to break down chemical bonds and inactivate the DNA of microorganisms. You get clean, safe water with no disinfection by-products.



No harmful chemicals or by-products

When chlorination is used to treat water, this can lead to harmful chemical by-products in your water, such as trihalomethanes. In addition, certain microorganisms, such as some protozoan cysts, are resistant to chlorination. Wedeco Aquada uses UV light energy to efficiently render these by-products and microorganisms harmless.



Improves water taste, odor and quality In addition to very efficiently disinfecting your water, Wedeco Aquada also improves its taste and odor. It does this by removing chlorine and chemical by-products from your water.



Simple to install and low maintenance

Wedeco Aquada UV systems are easy for a professional to install and for you to maintain. The system is simply connected to the water line into your home or building, with no construction needed. Then once a year, all you need to do is replace the UV lamp in the system. UV lamps and service kits are readily available.

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a xylem brand

Choose the Wedeco Aquada model that suites your needs. For individual homes, apartments or mid-rise buildings.

There are three Aquada models to choose from, and five different sizes that can serve flow rates ranging from 0.73m³/h to 13.4m³/h. The Altima model has the basic features for effective disinfection, while the Proxima and Maxima have extra features, such as visual and audible alarms, reset buttons and automatic safety shut-offs valves. The Maxima gives you a full overview of the system's operations, including a UV intensity monitor and a digital UV display.

Aquada UV Model Selection Guide	Altima	Proxima	Maxima
Effective microbiological protection	●	●	●
Biodosimetrically tested	●	●	●
Polished stainless steel disinfection chamber	●	●	●
High-intensity, long life UV lamps	●	●	●
Attractive, molded control unit	●	●	●
Glow-cap lamp operation indicator	●	●	●
Safe-T-Cap lamp connector system	●	●	●
Micro-computer controller		●	●
Visual alarm display		●	●
Audible alarm buzzer		●	●
Digital lamp life display		●	●
Push Button alarm/computer reset		●	●
Power connection for optional automatic solenoid safety shut-off valve		●	●
UV intensity monitor			●
Digital UV intensity display			●

Type	Flow rates (m ³ /h) *400 J/m ²	Flow rates (m ³ /h) *300 J/m ²	Pipe con- nection (inches)	Power (W)	Dim (H x W x D mm)	Weight chamber (kg)
Aquada 1	0.73	0.98	1/2"	35	470 x 90 x 70	1.7
Aquada 2	1.85	2.47	3/4"	55	670 x 95 x 70	2.4
Aquada 4	3.24	4.32	3/4"	55	675 x 129 x 102	3.2
Aquada 7	6.70	9.00	1"	85	1035 x 132 x 102	5.0
Aquada 10	10.10	13.4	1 1/2"	85	1040 x 180 x140	9.0

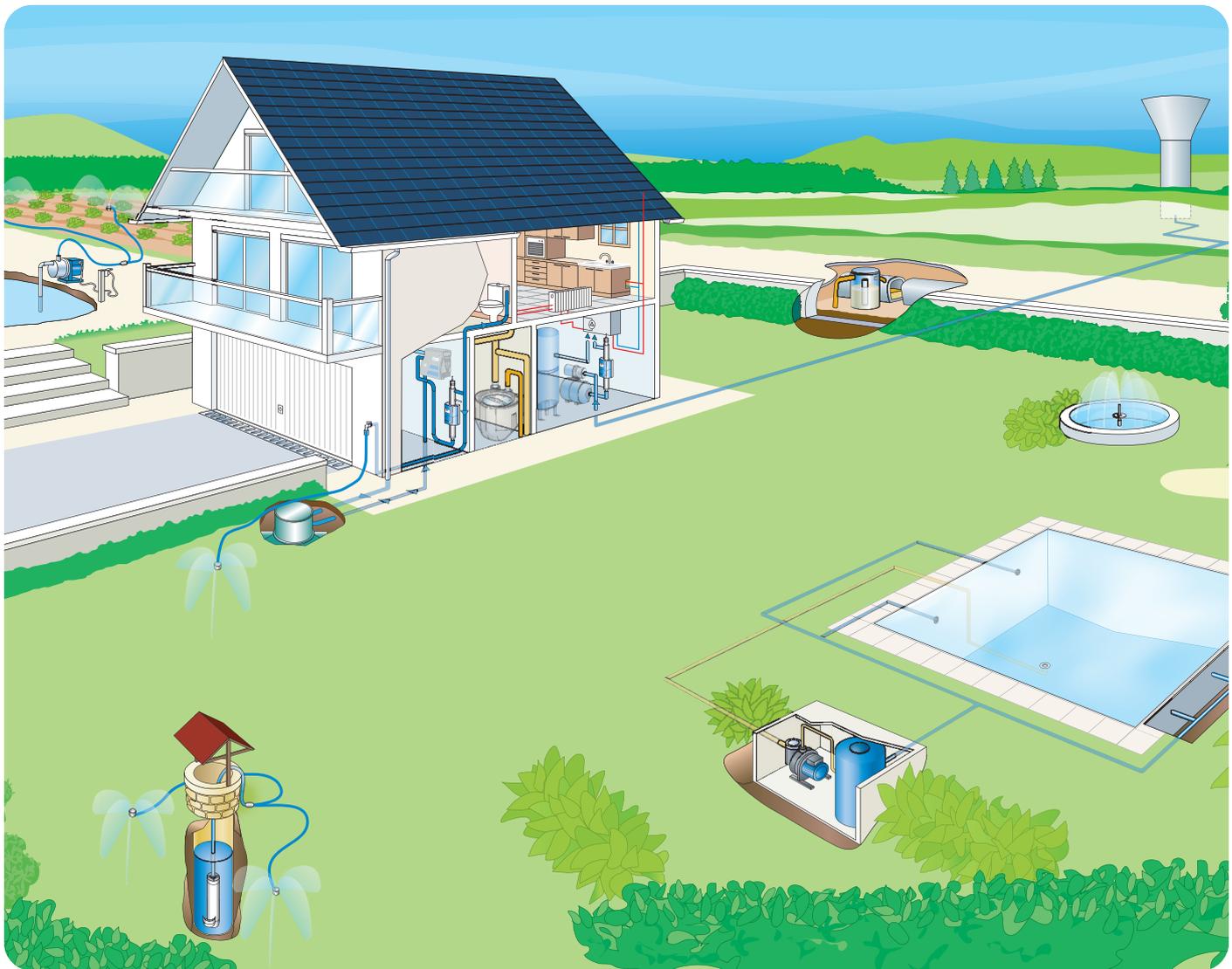
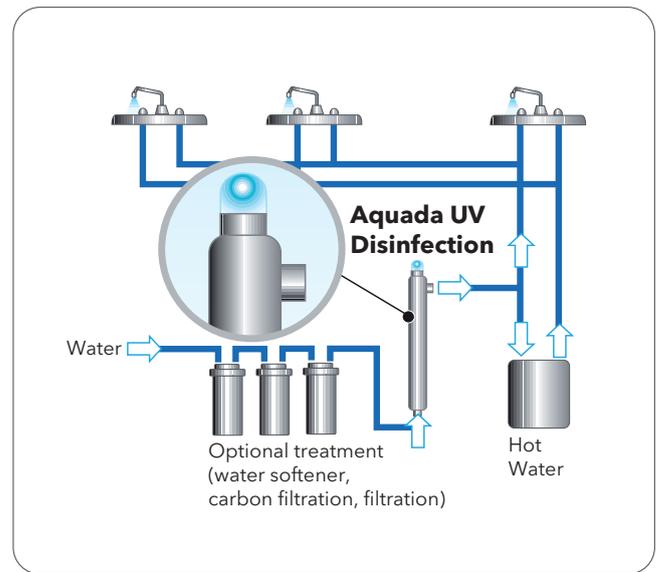
* UV transmission = 98 % per 1 cm at end of lamp life

Where can Aquada UV systems be installed?

Aquada UV systems can be integrated into existing water pipeline systems without a great deal of effort. Besides being installed in homes, they can be installed in residential treatment plants to disinfect rainwater, in process water circulations, aquariums or private swimming pools, ventilation and air-conditioning systems, fountains and water attractions.

How will this affect the plumbing in my house?

The Aquada system can be easily installed by a certified professional and no construction work is necessary. We have an extensive network of professionals available to support you. The system is simply connected to the water supply line to your home. The Aquada system acts as a final, protective barrier before water is released into your home.



This is just a graphical representation of a typical home set-up for Aquada systems. The actual installation will depend on how the pipes are set up and infrastructure conditions. Talk to your Xylem service partner to learn more.

Wedeco Aquada

Installing and maintaining Xylem's Wedeco Aquada system

Installation by a certified partner

Make sure Xylem's Wedeco Aquada system is installed by a certified service partner. The professional installation will ensure the system's guaranteed disinfection performance, safe operation, and maximum reliability. The system's domestic main connection means that changes to the electrical house installation are not required.

Easy and safe maintenance

Once installed, the Aquada system is easy to operate and maintain. Customers often see the immediate effects within a few days of use. Maintenance on the Aquada system must be done yearly, and it simply involves changing the UV lamp. Self-service kits containing the lamp and the required seals are easily available. You don't need to worry about safely storing chemicals, since the system doesn't require any.

Xylem's commitment to quality and your safety.

The Wedeco Aquada system is produced by Xylem, a world leader in sustainable water treatment solutions. Xylem's Wedeco brand offers customers highly effective and environmentally friendly alternatives to harmful disinfection methods, such as chlorination.



Years of trouble-free disinfection

Every Wedeco Aquada is backed by Xylem's global network of service partners and local service centers. Our quick, professional teams will keep your water disinfection system running for years with genuine Wedeco spare parts. Using genuine spare parts ensures you keep the water disinfection guarantee and warranty, and that the system runs at its best operating condition.

xylem
Let's Solve Water

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