

HYDROFLOW HOLDINGS U.S.A.

HydroFLOW USA is an American-owned company that distributes state-of-the-art water conditioners. Our products are manufactured by Hydropath Holdings Limited of England and are powered by the patented and eco-friendly Hydropath Technology. Hydropath's environmentally friendly water conditioners were originally designed, over 18 years ago, to treat limescale related problems in residential plumbing systems and appliances. After years of intense international research, Hydropath Technology has evolved into a world leading technology which also provides chemical-free solutions to a diverse range of industries.



How Hydropath Technology Works

The difference between Hydropath Technology and other physical water conditioning technologies is our induced signal and its ability to treat an entire system, continuously. *HydroFLOW's* water conditioners induce an electric signal of $\pm 150\text{kHz}$ into any water pipe on which they are installed (metal or PVC). The electric induction is performed by a special transducer connected to a ring of ferrites. Just as an electrical wire carries current from point A to B, the water inside the pipe acts as a conductor and carries the induced electric signal throughout the entire water system. The oscillating sine waves of the induced AC signal cause the positively and negatively-charged ions to form suspended clusters in the water, preventing them from attaching to rough surfaces. Testing shows that compared to other technologies, Hydropath Technology is 30,000 times more efficient.

All of our products come with a one-year "fit for purpose" money back guarantee and three-year limited warranty against failure or defects.

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AquaKLEAR

Presented by

HYDROFLOW HOLDINGS U.S.A.

"Innovations that put nature to work for you!"



Innovative water conditioning technology for pools

- Prevents limescale build-up
- Reduces scum lines
- Kills bacteria and algae, reducing chlorine usage by over 60%
- Reduction in chloramines lessens "pool smell"
- Improves water quality and clarity
- Reduces the duration and frequency of backwashing
- Reduces acid for pH control
- Eliminates the need for flocculants
- Reduces energy and maintenance costs
- Non-intrusive and easy to install

www.hydroflow-usa.com

Overview

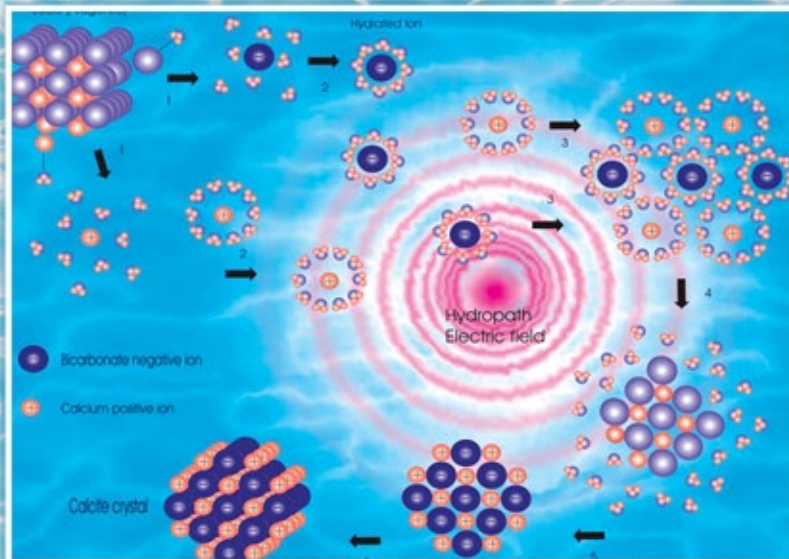
The cost of operating a swimming pool, whether it is Olympic-sized or a private pool, can be greatly reduced by installing an *AquaKLEAR* water conditioner. This proven technology transmits an electronic signal 24 hours a day directly into the circulating water system, reducing scum lines, preventing and removing limescale build-up, releasing fixed chlorine or bromine salts, flocculating suspended solids, improving filter performance, and saving water and energy. The *AquaKLEAR* water conditioner is fully encapsulated, waterproof, and designed for maintenance free operation.

AquaKLEAR units cover various pipe diameters, ranging from 60mm (2 3/10") to 200mm (7 3/4") maximum outer diameter. For larger pipe sizes, units can be customized to fit your requirements.



Prevent Limescale Build-up

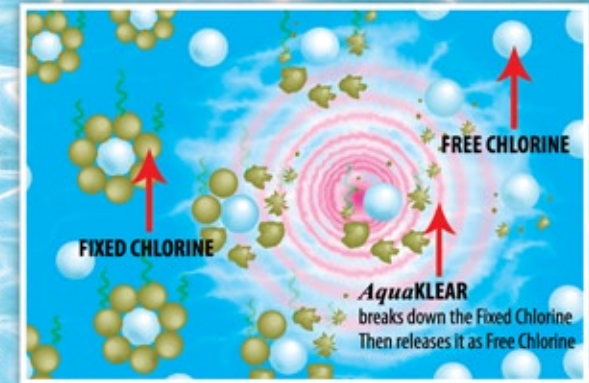
The *AquaKLEAR* water conditioner induces a unique electric signal into any pipe on which it is installed. These electric waves cause mineral ions to form suspended clusters, inhibiting them from attaching themselves to pipe and element surfaces. As a result, an *AquaKLEAR* unit installed after the filter and before the water heater will significantly reduce and prevent limescale build-up in pipes, on heating elements, and around the pool's water line.



Reduce Chemical Usage

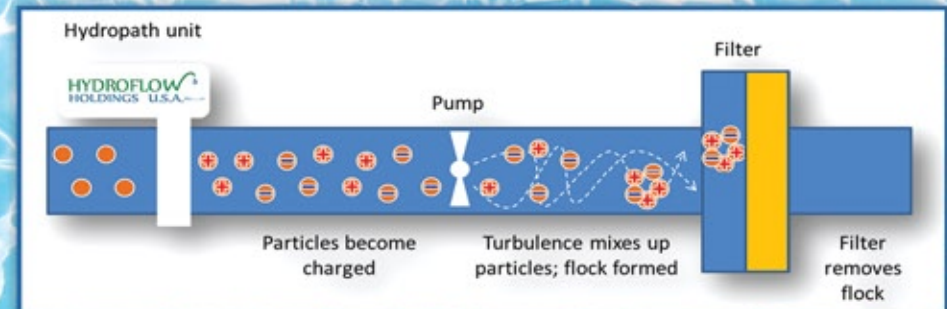
The *AquaKLEAR* water conditioner kills bacteria and algae passing through the unit, which frees-up fixed chlorine (chloramine) and reduces the usage of chlorine or saline by over 60%.

Once *AquaKLEAR* is installed, the effect on automatic chlorine dosing systems is visible within 30 minutes. With the release of fixed chlorines, the "pool smell," skin irritation, and redness of eyes typically experienced by bathers are virtually eliminated, as are damaging effects on swimwear and discoloration of lighter shades of hair. Over time, the *AquaKLEAR* unit will also greatly reduce, and in some cases completely eliminate, the often-visible scum line at the pool's water line.



Enhance Filtration and Reduce Backwashing

The *AquaKLEAR* water conditioner charges suspended particles, causing them to flock so that they are more easily filtered out of pools. Our water conditioners will considerably improve water clarity.



The main benefit of *AquaKLEAR* is the cost savings associated with the backwashing of filters, which require regular maintenance to remove suspended solids. An average of 10% of a pool's water is used to perform routine backwashing.

With *AquaKLEAR*, the length of time between backwashings can be extended by at least a factor of three, and the amount of pool water used in each backwashing process is reduced by up to half. Proven cost savings after the introduction of Hydropath Technology to a pool system include a reduction in both metered water and energy costs associated with refilling the pool and reheating the new water introduced into the pool.