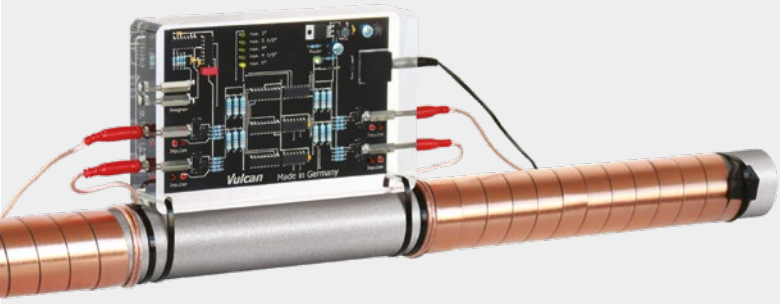

Vulcan

Prevents Scale and Rust

German 48 Volt Impulse-Technology (capacitive): The water is treated with electric impulses that control scale in an eco-friendly "green" way. It is an electric system that is not magnetic-based.

Vulcan works on a **frequency range between 3-32 kHz** with different frequency peaks (wobbling distribution). The secret to the right performance of physical water treatment lies in the composition of these impulses. CWT has developed and fine-tuned them for over 40 years.

Vulcan uses **customized isolated copper impulse bands**. How the impulses are transferred into the water is crucial. The design of the bands increases the surface area that transports the impulses. This improves transmission by up to 40%.

The **original acrylic cast** is unique to the Vulcan product line. It offers maximum protection for the parts secure and sealed in place.

Vulcan comes with external **UL and TÜV-approved electronic switching adaptors**. They operate with a very low power consumption of 100-240V and equalize possible power instability.

Vulcan is not magnetic-based. Therefore, it operates **100% independent of the velocity** (water flow rate) in the pipe and constantly provides reliable impulses that guarantee the right output at all times.

Material-matching programs for different materials: Vulcan treats any pipe material. No need to buy a different product for metal, PVC, plastic etc. any more.

The **automatic memory** program keeps Vulcan running correctly. In case of the unlikely event of a power failure Vulcan automatically resets back to the last program once power is regained.

Vulcan holds numerous **certifications** by renowned international institutions: the German TÜV, the German CE, the UL-approval for switching adaptors etc.

Vulcan **requires very little electrical power** as it is very economical. The units operate with 1.75 to max. 3.75 Watt. The running costs are approx. $US 3-7 (~3-6 EUR) per year.

Made-in-Germany: Vulcan is a German quality product that has been manufactured by the family-run Christiani Wassertechnik GmbH, Berlin since 1991.

A 25-year international warranty is granted for all Vulcan units. Due to the special acrylic protection these units keep on running with a life expectancy of over 30 years.