

The logo for Vulcan, featuring the word "Vulcan" in a white, italicized sans-serif font on a blue rectangular background with a white horizontal line below it.

# The Electronic Anti-Scale System For Water Works



No Salt  
No Chemicals  
No Maintenance

German Technology  
Absolutely Magnetism-Free



## Vulcan – The chemical-free solution



Scale deposits reduce the effectiveness and increase the operating costs of water works. Vulcan gently reduces already existing deposits in the piping system. The scale build-up process is reversed and the pipes gradually become clean again. This take-out process will not block up your pipes or drain because the treated crystals are microscopic in size and wash away in the water.



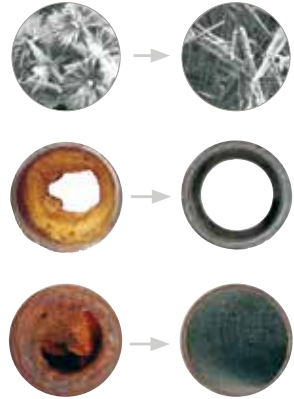
### Improving water works operation by:

- ▶ Gently reducing existing scale deposits
- ▶ Maximizing filter cycles
- ▶ Reducing water consumption and wastage
- ▶ Reducing energy consumption
- ▶ Maximizing life of pipes and pumps
- ▶ Reducing maintenance, repairs and replacements

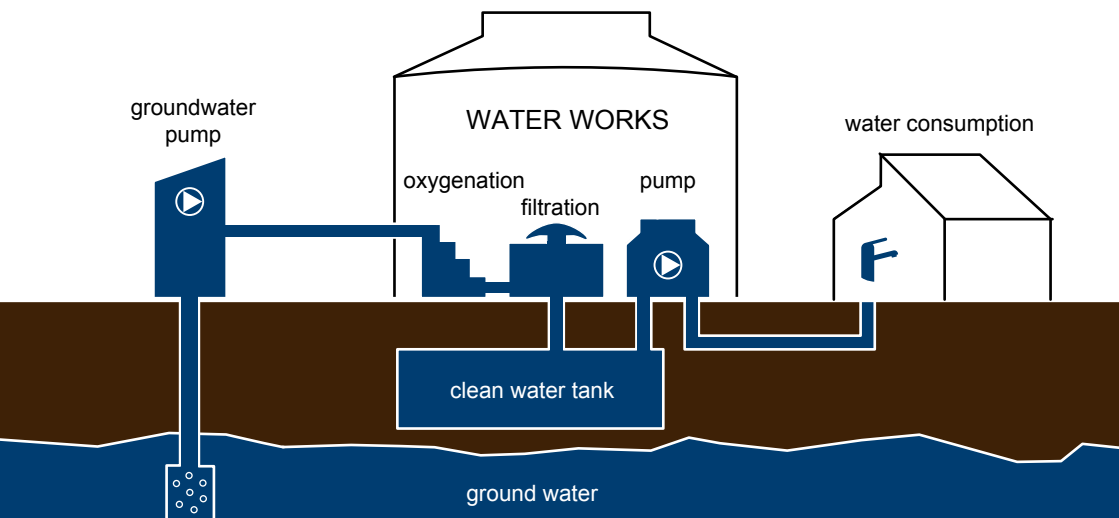


## The 3 Vulcan Effects

1. Vulcan modifies the crystallization of the calcium. The scale loses its adhesive power and is washed away with the water as a fine powder.
2. Vulcan carefully dissolves existing incrustations in the piping system. Only a thin protective layer remains in the pipe.
3. Vulcan generates a controlled electrophoresis process, which produces a protective metal-carbonate layer. It acts as protection against rust and corrosion.



"Even after approximately 6 months, almost no scale build-ups were observed. Small amount of scale was easily removed with a finger. With these results, we can confirm the effectiveness of Vulcan."





## Prevents Scale and Rust

- ✓ Reduction of existing scale in the piping system
- ✓ Installation without cutting the pipe
- ✓ From ½" up to 40" pipe diameter
- ✓ Works on all pipe materials – iron, copper, plastic, stainless steel, PVC, compound pipes, PE-X, etc.
- ✓ 100% maintenance-free
- ✓ Eco-friendly solution without salt or chemicals
- ✓ Prolongs life of machinery and equipment
- ✓ Important minerals remain in the water
- ✓ Long life – fully cast in acrylic
- ✓ 25 year international warranty

### Visible results of Vulcan water treatment – before and after



Heating element



Cooling tower grids



Piping system



### Quality – Made in Germany

- ▶ Manufactured by Christiani Wassertechnik GmbH (CWT) in Germany
- ▶ Over 40 years of experience in physical water treatment
- ▶ Successful in more than 70 countries worldwide
- ▶ 25 years international warranty

