

The logo for Vulcan, featuring the word "Vulcan" in a white, italicized serif font on a dark blue rectangular background.

# The Electronic Anti-Scale System Multiple Applications in Golf Courses



**No Salt**  
**No Chemicals**  
**No Maintenance**

**German Technology**  
**Absolutely Magnetism-Free**



## Vulcan – The eco-friendly solution



Water is a valuable resource which needs to be managed properly to maximize efficient usage. When hard water is used in the operation of golf courses, it often leads to serious scale and rust issues.

Hard water can cause problems throughout the clubhouse, water based appliances, irrigation systems and sprinklers. Vulcan treats your water without the need of a softener, salt, extensive chemical use and on-going maintenance.



### Improving golf course operations by:

- ▶ Reducing scale in pipes, sprinklers and filters
- ▶ Protecting the club house, bathrooms, kitchens and appliances
- ▶ Reducing spotting on glasses and dishware
- ▶ Increasing water penetration and moisture retention in soil
- ▶ Minimizing the need for fertilizers and pesticides
- ▶ Promoting healthier and greener turf

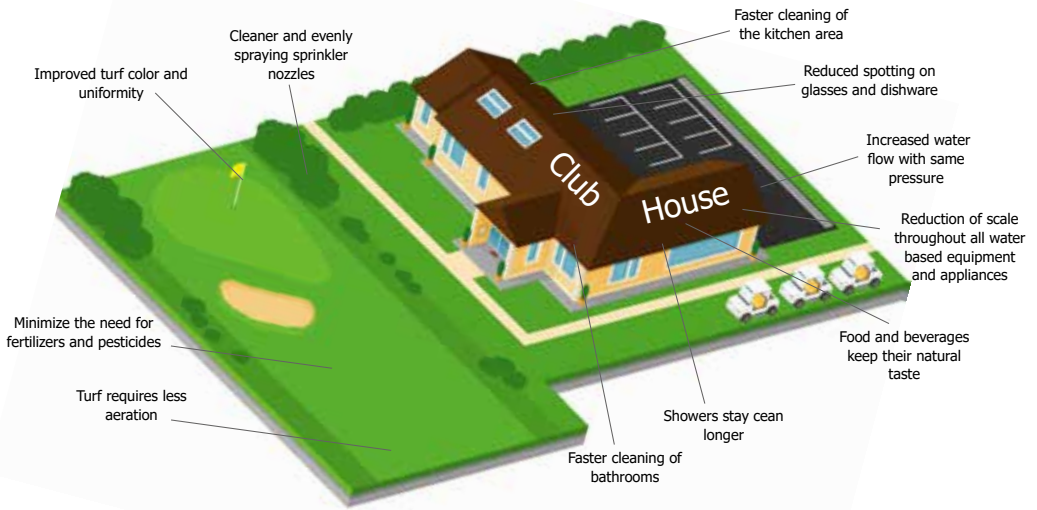


Sprinkler system on a golf course

### Cleaner sprinkler systems

The gradual build-up of scale in irrigation systems and sprinklers usually require constant flushing and labor intensive cleaning.

Vulcan treats the water with special electronic impulses, resulting in increased water pressure and significantly less blockages. Your sprinklers will be spraying more evenly and the nozzles and heads will require less maintenance and replacements.



## Simple D.I.Y installation

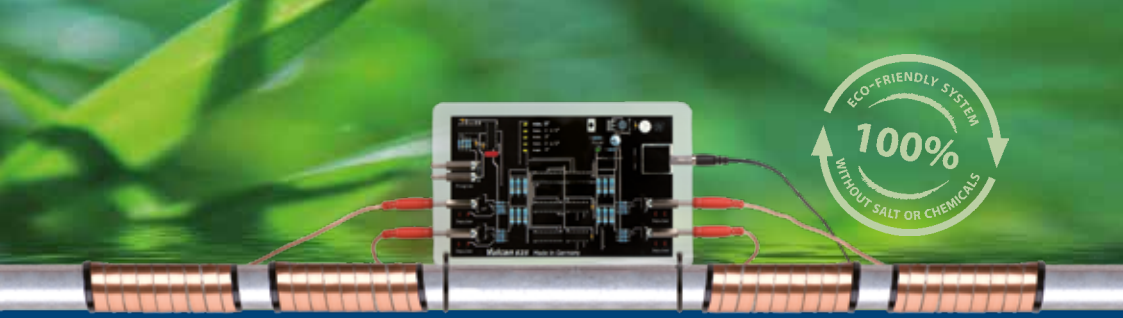
Vulcan is easily installed within a few minutes – no pipe cutting or tools needed. Simply place Vulcan on the main water line, the unit will sit perfectly on the top of the pipe. With an additional Vulcan protective case, Vulcan can be installed outdoor.



Vulcan installed underground at Las Misiones Golf Course

## Las Misiones Golf Course

"In Las Misiones Golf Course, we were constantly experiencing problems with scale deposits inside our PVC irrigation pipes, throughout our sprinkler system and nozzles. Two months after the installation, the scale deposits inside our irrigation pipes had decreased dramatically and our sprinkler system is now spraying evenly. Also, we no longer have to replace the nozzle heads and filters every two months."



## **Vulcan** Prevents Scale and Rust

- ✓ Reduction of existing scale in the piping system
- ✓ Installation without cutting the pipe
- ✓ From 1/2" 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
- ✓ 10 year international warranty

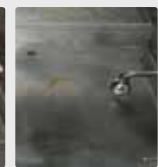
### Visible results of Vulcan water treatment – before and after



Piping system



Plants and turf



Grill plate in a clubhouse restaurant

## 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
- ▶ 10 years international warranty

