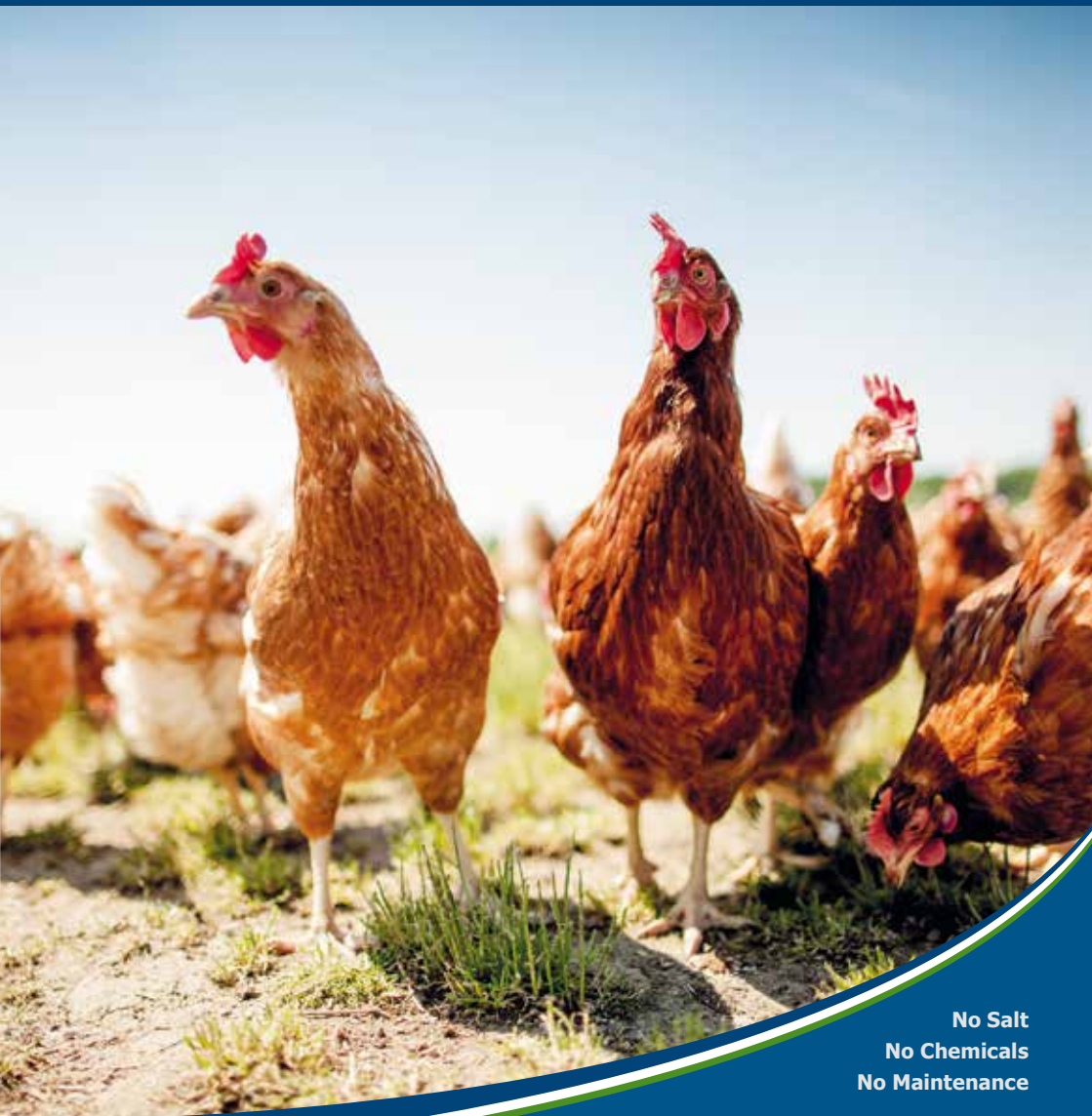


The logo for Vulcan, featuring the word "Vulcan" in a white, italicized, sans-serif font inside a dark blue rounded rectangle.

# The Electronic Anti-Scale System Poultry Farms



No Salt  
No Chemicals  
No Maintenance

German Technology  
Absolutely Magnetism-Free



## Vulcan – The alternative to water softeners



Scale is a big problem in farming.

When hard water is used, scale deposits will decrease the efficiency of your whole poultry farm. This will cost a lot of time, money and energy.

Scale deposits are the perfect breeding ground for bacteria and algae. Illnesses, infections and a decrease in healthy bird growth are the results.



### Benefits of using Vulcan

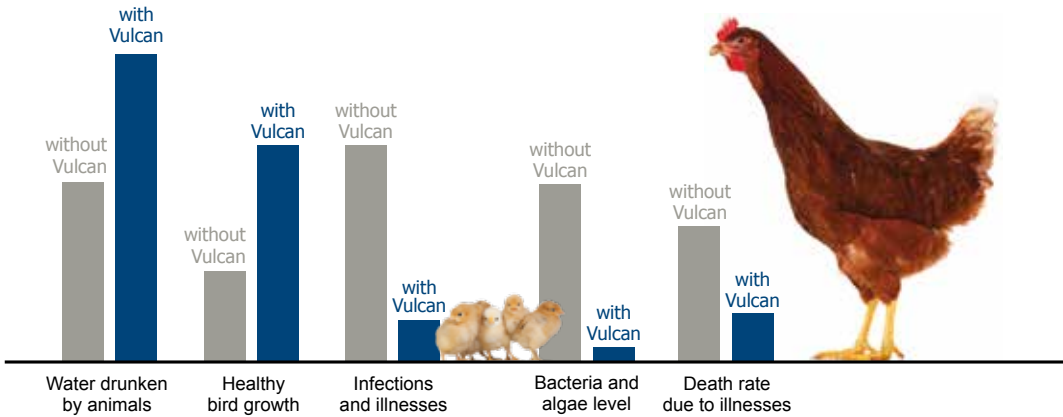
- ▶ Reduction of scale deposits in the whole piping system
- ▶ The water tastes better – the animals are drinking more water and are healthier
- ▶ Minimizes operating costs and maintenance visits
- ▶ Maximizes life of appliances and equipment
- ▶ Less time and effort spent on cleaning
- ▶ No need of salt or aggressive chemicals
- ▶ pH levels remain unchanged – preventing corrosion



### Vulcan-Impulse-Technology

The Vulcan - Impulse - Technology treats the water with special electronic impulses that take away the adhesive power of the scale particles. Scale components are simply washed away with the water as a fine powder. Vulcan carefully dissolves already existing deposits. In addition, the Vulcan impulses generate a metal-carbonate protective layer that prevents rust and pitting corrosion.

## Vulcan improves animal health



### Benefits for your poultry farm

- ▶ Incubators stay clean and the humidification system operates better
- ▶ Nipple drinkers, bell drinkers and spray nozzles are clear of blockages
- ▶ Improved effectiveness of cooled re Fridgeration equipment
- ▶ Cleaner drinking cones and cooling panels
- ▶ Increased performance of water heaters
- ▶ Decrease of bacteria and algae levels
- ▶ Decrease of poultry leg infection and are healthier



### Healthy water for healthier animals

Vulcan provides fresh and healthy water for your animals. The animals' health is improved as bacterial and algae growth is reduced by Vulcan. The reduction of algae levels in the water leads to a substantial improvement in the water's taste. This motivates more drinking which typically raises animal health. You will see better growth rates and less illness (e.g. reduction in poultry leg infection).



## Prevents Scale and Rust

- ✓ Reduction of existing scale in the piping system
- ✓ Easy 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
- ✓ 10 year international warranty

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



Clean drinker



Heating element



Biofilm in a 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
- ▶ 10 years international warranty

