

# The Electronic Anti-Scale System Multiple Applications In Supermarkets

PERMARKE

No Salt No Chemicals No Maintenance

German Technology Absolutely Magnetism-Free





#### Vulcan - the alternative to water softeners

Vulcan is the eco-friendly water treatment system that protects piping systems and production equipment against scale and rust deposits. Special electronic impulses change the crystallization process of the liquid calcium, removing its adhesive properties. This results in an effective scale-free solution for your supermarket operation.





### Improving supermarket operations by:

- Prolonging the life of water based production equipment
- Descaling the whole water system
- Saving time on maintenance and cleaning
- Increasing the efficiency of hot water systems
- Removing the need for descaling chemicals and salts
- Preventing new scale deposits from forming





### **Supermarket misters**

The fine spray nozzles and filters of mister systems suffer extremely from scale build-up.

With the Vulcan treatment misters in food sections clog up less, filters last much longer and pressure increases resulting in finer mist production. The misters will also require less frequent drainage and flushing.

Misters in food section



Piping systems remain clean and old scale deposits are gently reduced.

Grease traps have reduced odors and more consistent, less cluttering grease.





Cooling towers require fewer chemicals, less cleaning and scale is significantly reduced.



#### Your eco-friendly solution

Vulcan reduces the amount of scale deposits and prevents new deposits from forming. It offers a permanent, chemical-free scale solution without on-going costs and maintenance.

Ice machines operate more efficiently and ice cube formation is enhanced.





Faster cleaning of kitchen and bathrooms. Considerable savings in cleaning agents.

Dishwasher scale is reduced significantly and dishware is now spot-free.





#### Vulcan

#### **Prevents Scale and Rust**

- $\checkmark$  Reduction of existing scale in the piping system
- $\checkmark$  Installation without cutting the pipe
- $\checkmark$  From  $\frac{1}{2}$ " up to 40" pipe diameter
- $\checkmark$  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

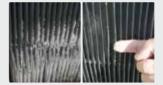


Piping system





#### Grease trap



Cooling tower grids

### **Quality - Made in Germany**

- Manufactured by Christiani Wassertechnik GmbH (CWT) in Germany
- Over 30 years of experience in physical water treatment
- Successful in more than 70 countries worldwide
- 10 years international warranty



## www.cwt-vulcan.com