



Against Scale and Rust

Water Treatment

Solar Water Heating

Vulcan **eco-friendly** water treatment products prevent scale and corrosion in solar water heating systems



Using solar powered water heaters are a smart green alternative to traditional heating methods. They utilize sustainable resources, help the environment and save money. In order to ensure the effective performance of these eco-friendly heating systems, engineers recommend the use of an anti-scale product.

Hard water naturally forms scale when there is an increase in temperature or change of pressure. This leaves deposits on the tubes, the heat exchangers, the collectors or tanks. The scale prevents heat from transferring efficiently, therefore the working capacity of your machinery is minimized, increasing your back-up energy bill.

Vulcan reduces scaling and effectively dissolves existing deposits in solar water heating systems.

Application Examples

- ▶ Private Homes
- ▶ Green Buildings
- ▶ Factories and Farms
- ▶ Apartment Buildings
- ▶ Hotels and Resorts
- ▶ Universities
- ▶ Swimming Pools
- ▶ Sports Complexes



Vulcan helps to benefit your system with:

- ▶ Cleaner heat exchangers and distributor pipes
- ▶ Reduces scale build-up in collectors
- ▶ Protects hot water tanks and vacuum tubes
- ▶ Protects a system from over-heating
- ▶ No need to circulate acids
- ▶ pH levels remain unchanged, preventing corrosion
- ▶ Reduces malfunctioning of valves in primary circuits
- ▶ Fewer maintenance visits required for your equipment

Vulcan is the optimal solution for solar heating systems.

Quality - Made in Germany



- ▶ Manufactured by Christiani Wassertechnik GmbH (CWT) Berlin
- ▶ Over 30 years experience in physical water treatment
- ▶ More than 150,000 satisfied customers world-wide
- ▶ Available in more than 50 countries

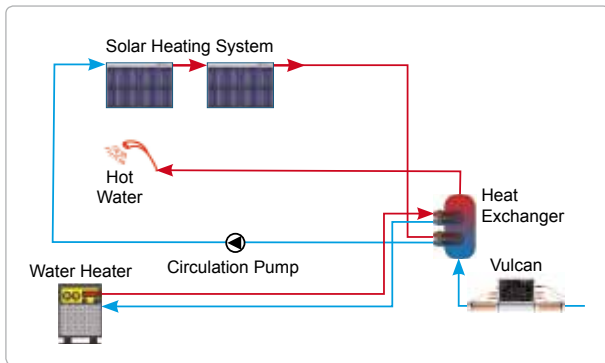


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Installation Examples

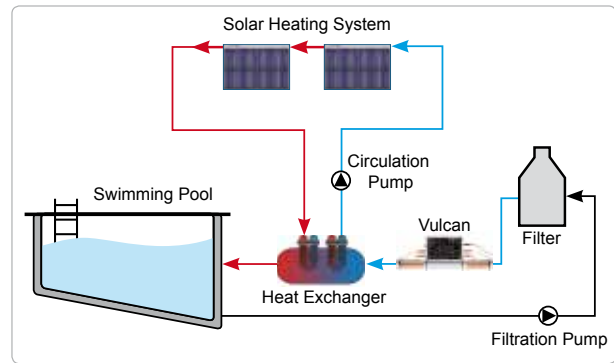
1. Solar Water Heating System

For best results, Vulcan should be placed on the cold water inlet to the heat exchanger.



2. Solar Pool Heating and Filtration System

For optimal results, Vulcan should be placed between the filter and the heat exchanger.



Vulcan - Against Scale and Rust

Vulcan is the eco-friendly water treatment system which protects your pipes and equipment against scale and rust.

- ▶ Eco-friendly solution without chemicals or salt
- ▶ Reduction of existing scale in the piping system
- ▶ Maximum working life of machinery and equipment
- ▶ Important minerals remain in the water
- ▶ Long life – fully cast in acrylic
- ▶ Maintenance-free
- ▶ 10 year international warranty

- ▶ Easy installation without cutting the pipe
- ▶ From 1/2" up to 20" pipe diameter
- ▶ Works on all pipe materials – iron, copper, plastic, stainless steel, PVC, compound pipes, PE-X, etc.



Vulcan S25



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