



Vulcan Effects Residential Applications



The most effect of Vulcan will appear inside of the pipes. Unfortunately in residential applications you cannot look into the pipes, but there are also some visible effects outside you can observe after the installation of Vulcan. Depending on the water composition the effect may be stronger or less.

! Please clean all equipment (i. e. shower heads, faucets, fittings, surfaces) where you have visible scale build-up before installing Vulcan. Vulcan cannot remove already dried scale on surfaces and equipment. But with Vulcan new scale will be softer and easier to clean, so your equipment will stay clean longer and is easier to clean.

IMMEDIATELY ...

Hand Washing and Showers: Shampoo and soap foam more. Typical findings are that the hair feels softer.

Taste of Water and Tea: The taste of the water alters somewhat. Have a glass and see how you like the taste.

AFTER FEW DAYS ...

Kitchens and Bathrooms

With Vulcan the scale is now more like dust and is easier to wipe away. Without Vulcan the stains have to be removed by scrubbing or with cleaning agents.

Water Heaters and Boilers

Scale deposits inside of heaters and boilers will be reduced and are easier to clean. The heating element will show less incrustations. Cleaning may be needed 2-3 times less than without treatment.

AFTER 2-4 WEEKS ...

Shower Heads, Fittings and Aerators

Typically the cleaning demands to soak the parts in acid or special cleaning liquids. With Vulcan those parts will stay clean much longer - typical findings show 2-3 times longer. Cleaning nozzles and parts can often be done by lightly scrubbing over the surface.

Washing Machines and Dishwashers

Dishwashers often need less detergents and the tableware shows less or no streaks. Washing machines need less washing powder. With Vulcan *you may see a thin white layer, then please read the information sheet for dishwashers and washing machines to learn how to reduce the detergents.*

Inside the Piping System

The piping system becomes cleaner, which is difficult to see or measure.

! Within the first weeks, you may see loose scale at fittings, shower heads and aerators, which is a sign of the cleaning effect by Vulcan. The first loose layers of scale in the pipes may look like mini-crumbles. **In this case, please clean the aerators and fittings more often during this time.** Once this first hard layer is removed, the layers after will be removed as a fine powder – not recognizable anymore.



Piping System

Vulcan protects the whole piping system and reduces already existing deposits. Scale is now washed away in the water as a fine powder.



Skin and Personal Hygiene

After taking a shower, pay attention to your (softer) skin and hair (especially allergic people). You may need less expensive care products.



Shampoo and Soap

Due to the changed surface structure of the water, shampoo and soap foam more and are more yielding.



Dishwashers

Use less washing-up liquid or tabs. Dose the salt according to a softer water level (least amount).



Tiles and Fittings

The common water (scale) splashes you can easily remove with your daily cleaning with a damp cloth or sponge effortless.



Washing Machines

Reduce the liquid or powder laundry detergent as you would with soft water (least amount). Fabric softeners, decalcifiers or tablets are not required.



Food and Beverages

Keep their natural taste and important minerals remain in the water.



Nozzles and Shower Heads

No need to acid-clean or replace them. They now will stay free of scale longer.



What to consider with dishwashers



The Vulcan water treatment causes the water to react better with dishwasher detergents.

Therefore, please reduce the amount of dishwashing powder. The reaction with the water is stronger and without a reduction of detergent, the detergent may simply be too much. You can reduce the detergent by up to 50 %. If that is not adjusted you may find the extra dishwasher detergent on the glassware as a fine film.



Liquid detergents:

Use 50 % or add 50 % of water.

Tabs:

Use 50 % or cut in 1/2.



Washing powder:

Use 50 %.



What to consider when installing Vulcan

Over time the dishwasher collects dirt, scale and grease in its water ways. This will loosen up with the Vulcan water treatment. Generally, we suggest cleaning your dishwasher before you install Vulcan. This should be done once in a while anyway.

How to clean the dishwasher:

Generally: Add some citrus acid or similar cleaning tablet to it (the same that you use for coffee machines). Then run one cycle with the cleaner, and after that run one cycle without anything in order to rinse it.



What to consider with washing machines



The Vulcan water treatment causes the water to react better with washing detergents.

Therefore, please reduce the amount of washing detergents. The reaction with the water is stronger and without a reduction of detergent, the detergent may simply be too much.



Washing detergents dosage:

Use the dosage of the packaging of your washing powder or liquid. With Vulcan you can use the dosage for **one softer level than before**.



What to consider when installing Vulcan

Over time the washing machine collects dirt, scale and grease in its water ways. This will loosen up with the Vulcan water treatment. Generally, we suggest cleaning your washing machine before you install Vulcan. This should be done once in a while anyway.

How to clean the washing machine?

Generally: Add some citrus acid or similar cleaning tablet to it. Then run one cycle with the cleaner, and after that run one cycle without anything in order to rinse it.