



XEROSCALE WATER SOFTENER

Product Highlights:

- No Salt, No Maintenance, No Zanzat
- No harmful chemicals
- Very low power consumption (just 30 volts)
- Treats hardness up to 1600 ppm
- Essential Calcium, Magnesium and other minerals of water are retained
- Flexibility in adjusting as per seasonal variation of hardness in water
- Universal system – no restriction of flow – Standard system suits most requirements
- Reliable, affordable, health and environment safe
- German Technology – Proudly made in India!

Xeroscale – India's first Intelligent Water Softener

Aeolus is now introducing the next generation of this new and highly effective *SCALE PROTECTION SYSTEM*, the **Xeroscale** Technology. Xeroscale is not just a water softener – it is also the Water Conditioner! Xeroscale is unique, effective, reliable, affordable and health & environment beneficiary for your all domestic, commercial and industrial water softening requirements.

Xeroscale is truly intelligent water softener; its GREEN dosing liquids sequesters the calcium and magnesium carbonate (temporary hardness) of the water into mechanically stable and heat resistant calcite crystals (nanometer size) which no longer cause lime deposits. Xeroscale is the innovative solution that prevents all of the negative effects of calcium and magnesium, while allowing the positive health benefits to remain. The calcium and magnesium crystals are rinsed away.

Absolutely unique

The water treated by the Xeroscale unit stops new scale from day one and also removes already existing scale over a period of time. **Xeroscale** units do not need backwashing, no salt, no regeneration, no filter cleaning and are nearly maintenance free. In regional language – NO Zanzat at all!

NO	SALT
	MAINTENANCE
	ZANZAT



Power consumption for Xeroscale unit is just 30 volts AC maximum.

Effectively treats water with hardness up to **1600 ppm** (Four times more as compared to any conventional technology including ion exchange!)

Universal system – no limitations of flow with Xeroscale! Whereas all conventional systems have flow limitations and hence huge FRP containers are required for large water quantity. With Xeroscale – there is no limitation with flow or pressure of water. One system suits all – one bungalow – one apartment tower – one colony – one township – one factory – one village- with minimum alterations.

Wide Activity Spectrum

Xeroscale is truly smart water conditioner; it offers unprecedented benefits by:

- Dissolving Calcium Carbonate scale
- Sequestering the Calcium cations
- Dissolving Calcium Phosphate scale
- Removing Organic scale
- Removing Calcium Oxalate
- Removing Metal scale

Prevention

Scale deposits causes blocking of the hot & cold water system whether with household appliances (washing machine, shower panels, faucets, dish washer and coffee machine) or industrial equipments (water jet, cooling tower, sprinkler, boiler). This results in a narrowing of pipes and higher energy consumption. Its better to prevent costly maintenance and down time with a scale prevention system like Xeroscale.

Hygiene

The Xeroscale scale prevention unit will clearly cause improvement from the very beginning. Rough hands, lusterless hair and hard laundry are things of the past, just like traces of scale on shower, bath and sink. Clothes are cleaner and keep their softness and nice colours.

Health

The “classical” water-softening unit operates on the basis of ion exchange, exchanging calcium and magnesium ions in water with an equivalent amount of sodium. (Salt) The result is not only soft water, but also increased sodium content in the water supply. Excess sodium in water should be avoided by people with high blood pressure, heart and kidney diseases. **Ion exchange systems are never recommended for drinking water.**



The Xeroscale technology does not add salt or harmful substances to the treated water. Therefore the human bodies' essential minerals calcium and magnesium are still present in the water and available for the metabolism, allowing the positive health effects to remain.

Xeroscale contains no harmful chemicals and is the best for your health.

Xeroscale contains

NO	Phosphonates
	Phosphates
	EDTA
	NTA

Dosing Liquids

Xeroscale B – For Boiler & hot water industrial applications, water jets

- Improves boiler efficiency
- Reduces blow down frequency by 20-30%
- Saves Energy thereby Saves Money
- Old & existing scale is removed in the form of paste via blow down
- No need to use RO & Salt

Xeroscale C – For Commercial applications, cooling towers, construction & laundry

- No white patches of lime on new construction when using Xeroscale treated water
- No scale and no fouling in cooling towers
- Useful and highly effective for drip irrigation, sprinklers, water jet looms,
- Reduces maintenance cost of equipments and improves efficiency

Xeroscale D – For Domestic applications, hostels, hotels, & apartments

- No new scaling and also removes existing scales from pipes and fittings
- Scale prevention for bathroom fittings, shower panels, pipes, utensils, tiles, washing machines
- Good foam formation, reduced soap & shampoo consumption, shining hairs and soft skin
- Soft laundry, no colour change for dark cloths