

# NOcalc

[www.nocalinternational.com](http://www.nocalinternational.com)

The new  
and revolutionary  
way for the  
treatment of hard  
drinking water

# Say Goodbye to Limescale and Corrosion!



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## Success in the battle against Limescale and Corrosion

NoCalc is the new revolutionary and economic way to deal with hard water. NoCalc is an innovative system which protects the whole house, including the heating system, against the build up of limescale and soft water-corrosion. NoCalc adds a small quantity of a consumable solution (less than 5 ppm), which neutralises (seals) the calcium and magnesium, preventing the formation of limescale. The method respects the WHO and FAO\* food grade. In addition the dosing mechanism always adds the exact dosage to the consumption of water. No risk of fouling or overdosing. NoCalc is highly capable, small and easy to fit, low maintenance and environmentally friendly. The water stays 100% safe for drinking (under British Standard BS-EN 1212) and you save money.

Did you know that 1 mm of limescale on a heating element means 8-9% more use of energy?



Professional installers recommend NoCalc to protect your appliances.

### TEST! How hard is your water? The symptoms:

- limescale in your kettle
- dishwasher using a lot of salt
- white residue on taps in kitchen and bathroom
- gray veil on tiles and shower enclosures
- stains of limescale in toilet bowl
- dry spots and residual stains on windows
- soap and shampoo not foaming enough
- cotton fabrics feel starched
- skin irritations
- water does not taste nice
- clogged heating elements
- loss of performance on appliances

Do you recognise one of these symptoms? In that case your mains water is too hard.

### The ideal alternative to water softeners

Water with high levels of calcium and magnesium is water with a hardness starting at 3 to 4 odH (German degrees). The higher the calcium and magnesium level, the harder your water is. This can result in damage to common household appliances. Approximately 70% of the UK has hard water and residents suffer the inconveniences of limescale.

In addition, high levels of calcium in the water can provoke or worsen existing skin irritations. You may also notice hair that is dull in appearance, despite regular washing.

Dermatologists and specialists recommend treating water against hardness. Water softeners could protect efficiently against limescale but they are expensive, often electric and can be environmentally unfriendly. With NoCalc you no longer need a water softener, no longer any overconsumption of water, no pollution, and you save energy. With NoCalc you can enjoy the benefits that soft water would bring without modifying the water.



### Only the advantages of Calcium, No Deposits ...

Calcium and magnesium salts are minerals which are crucial for every human body and for optimum health. Most of our Calcium comes from our daily drinking water. In addition, by law, water companies have to make sure they leave enough calcium in drinking water.

Until recently the only way to prevent limescale and pipe corrosion was by using expensive (and now outdated) water softeners that eliminated calcium and magnesium from the water. In making the choice of NoCalc you will be using an environmentally friendly system which requires no electricity, resulting in water you can safely drink from the tap. With NoCalc the composition of the water does not change as the calcium and magnesium are not eliminated but simply sealed. The advantage is that once consumed, the minerals are broken down and absorbed by your body.



Dermatological tests prove it: hard water is bad for your skin.



### NoCalc helps children have a better future

Clean drinking water is taken for granted in developed countries. However in many countries there is a lack of clean drinking water, which can have detrimental and severe consequences for populations, especially for growing children.

Since 2010 NoCalc has financially supported UNICEF, the United Nations Children's Fund. With a structural and annual contribution NoCalc enables UNICEF in the development of drinking water projects to provide them with a healthier future.

### Water for the future

Traditional water softeners often use electricity and pollute the environment. This traditional process flushes tens of litres of clean water with the salt content of the softener on each cleaning cycle into the drains. NoCalc is your environmentally friendly alternative which uses no electricity, no backwashing, no maintenance and protects the whole house (including heating systems). NoCalc is 100% safe for drinking water and needs no bypass pipe, as is required with the utilization of a traditional water softener.



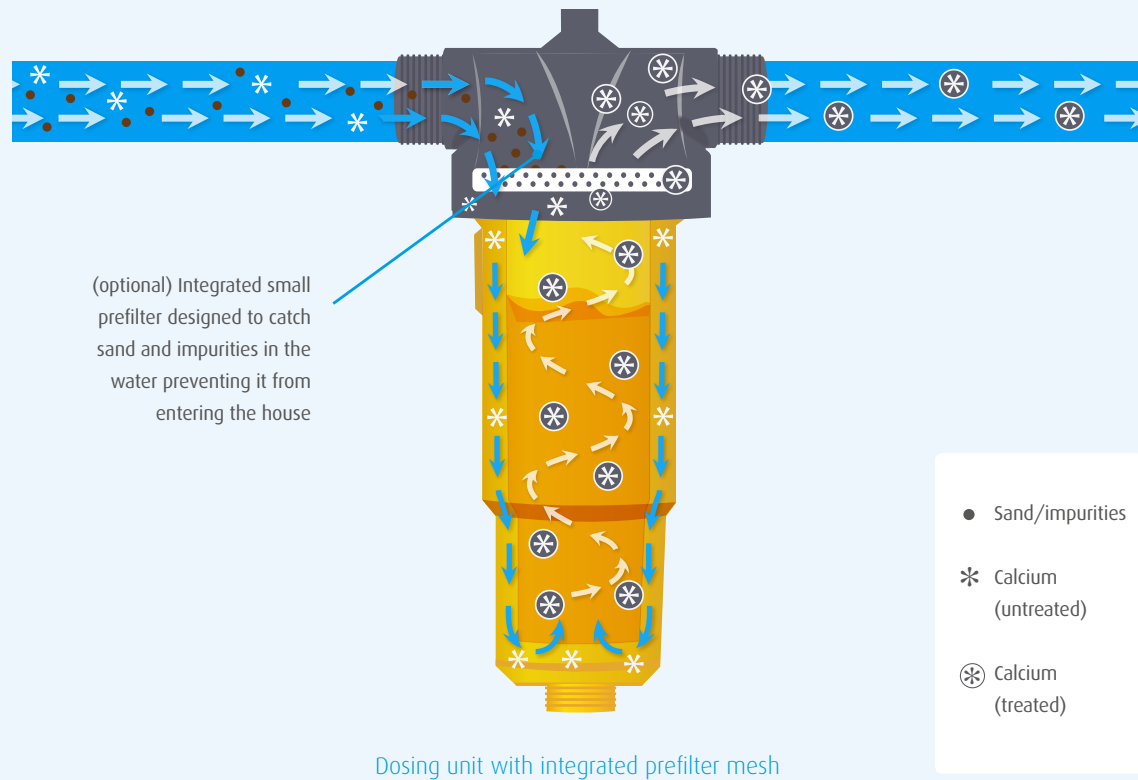
### Extra safety with the NoCalc XL PrefilterPLUS system

During transport from source to user, water picks up dirt particles and impurities, causing wear and tear and also reducing the quality and taste of your drinking water. The NoCalc prefilter removes all these and ensures optimal performance of the dosing system. Joined together they extend the lifetime of your sanitary installation, taps, hot water appliances and pumps.

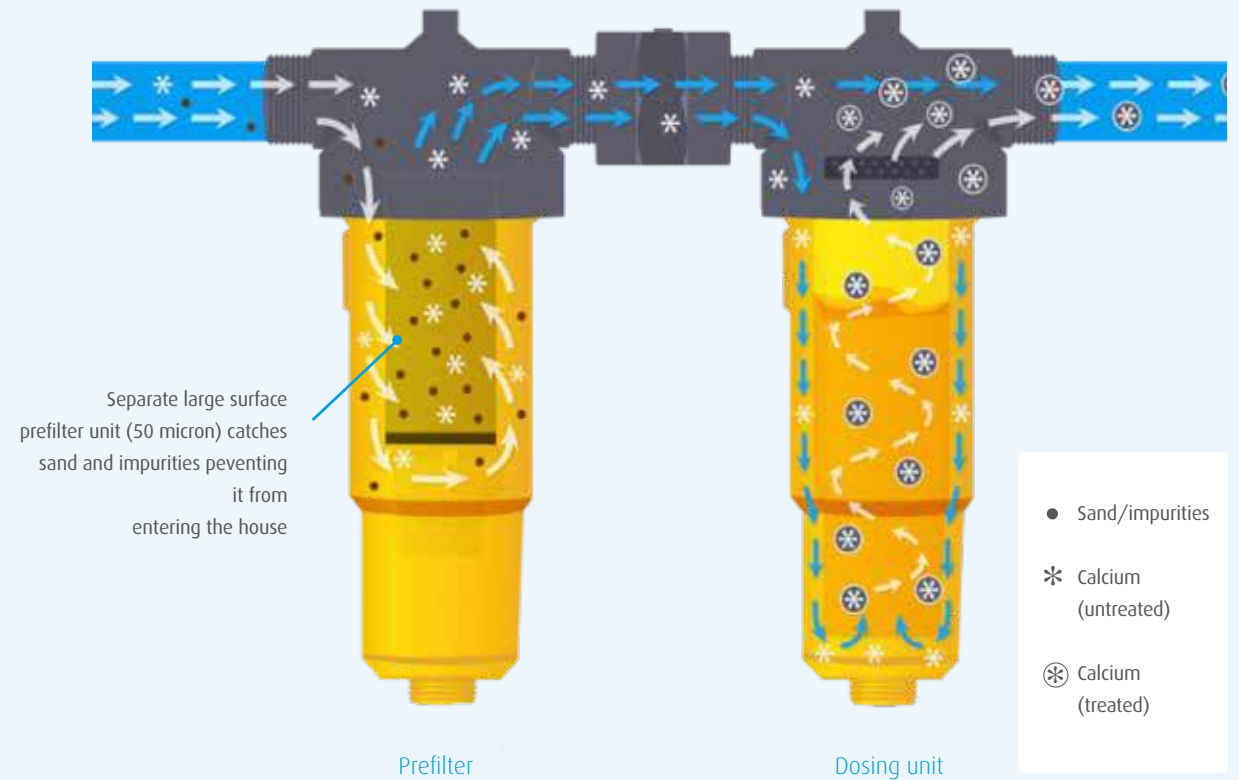


# Choose your system: NoCalc CombiCompact or NoCalc PrefilterPLUS

NoCalc CombiCompact NC38770



NoCalc PrefilterPLUS NC39000



## NoCalc CombiCompact Starter Set



### Integrated prefilter mesh

- Removes sand, dirt particles and impurities (debris) from the water
- Protects taps, valves and stopcocks
- Improves the quality of (drinking) water

### Dosing unit

- Protects against build up of limescale and corrosion
- Unique dosing system
- FAO & WHO approved, complies with BS-EN 1212 British standard norm for drinking water
- Long life cartridges: average 40,000 litres or 40m<sup>3</sup>
- Optional electronic sound indicator (signal when cartridge needs replacing)
- Suitable as point of use system (boiler or central heating system) or point of entry system (whole house protection)



## NoCalc PrefilterPLUS Starter Set



### Prefilter XL (easy clean)

- Removes sand, dirt particles and impurities (debris) from the water
- Protects taps, valves and stopcocks
- Improves the quality of (drinking) water
- Large surface filter 50 micron
- Guarantees the optimal functioning of the dosing system

### Dosing unit

- Protects against build up of limescale and corrosion
- Unique dosing system
- FAO & WHO approved, complies with BS-EN 1212 British standard norm for drinking water
- Long life cartridges: average 40,000 litres or 40m<sup>3</sup>
- Optional electronic sound indicator (signal when cartridge needs replacing)
- THE Perfect solution as whole house protection system



Regular cleaning of the prefilter mesh recommended (depending on quantity of particles in the water)

Cleaning prefilter when replacing dosing cartridge recommended



The NoCalc® advantages:

- Completely safe for drinking water (British Standard BS-EN 1212)
- Easy to fit and low maintenance
- No electricity needed
- Long life cartridges (up to 40m<sup>3</sup> = 40,000 litres)
- Electronic sound warning (optional) when cartridge needs replacing
- Extends the life of appliances: dishwasher, washing machine, central heating boiler, boiler, etc.
- Glasses and cutlery stay like new
- Cleaner bathroom, shower and kitchen
- Tackling limescale saves energy, reducing cost on energy bills<sup>\*\*</sup>
- Save up to 30% of your normal soap and cleaning products
- Softer skin and reduces skin irritations
- Recommended for sensitive or irritated skins
- Improves the taste of drinking water
- Comes as a full starter set – low price
- Includes internationally approved check valve<sup>\*\*</sup>
- Provides filtered drinking water; filters out sand, grit and impurities

With NoCalc® you will save money on:

- ✔ Energy cost (gas, electricity)
- ✔ System maintenance
- ✔ Cleaning products
- ✔ Dishwasher supplements
- ✔ Detergents
- ✔ Laundry softeners
- ✔ Shampoo, soap and body lotions
- ✔ Moisturisers
- ✔ Conditioners

Ask a specialist for advice

NoCalc can pay for itself within one year due to savings. You will use fewer cleaning products and will also save energy\* because equipment such as heating systems, boilers, washing machines and common household appliances work more effectively. You will reduce the amount of soap and shampoo used and your skin and hair will feel softer and the water will taste better.

You don't have to take our word for it. Ask your kitchen or bathroom supplier, plumber or construction specialist. They can tell you all about the unique NoCalc water treatment method.



* Limescale deposit (mm)	0.4	0.8	1.6	3.2	4.8	6.4	9.6	12.7	15	19
Waste of energy	4%	7%	11%	18%	27%	38%	48%	60%	74%	90%

Product overview

NC38770 CombiCompact Starter Set



Inline installation pack (connectors included)



90 degree angle installation pack (connectors included)



NC38200(S\*) refill dosing cartridges (2 pce)  
One cartridge average use 40,000 litres (40m<sup>3</sup>) or max. 1 year

Options/accessoires



NC50000 Electronic sensor   
Gives a signal when dosing cartridge needs replacing (in combination with NC38200S\* or NC42000S\*)



NC60000 Fitting wrench  
For easy access (opening and closing) of yellow housing



NC70000 Fitting bracket  
Universal fitting bracket set for CombiCompact or PrefilterPLUS

NC39000 PrefilterPLUS Starter Set



Inline installation pack (connectors included)



90 degree angle installation pack (connectors included)



NC42000(S\*) Combination pack (1+1)\*  
Only for NC39000 PrefilterPLUS



NC38200(S\*) refill dosing cartridges (2 pce)  
One cartridge average use 40,000 litres (40m<sup>3</sup>) or max. 1 year



# Installation examples

NoCalc CombiCompact and PrefilterPLUS will fit every kitchen cabinet or other small space and are easy to install as each Starter Set includes a set of connectors with compression fittings included for 15 mm and 22 mm installations.

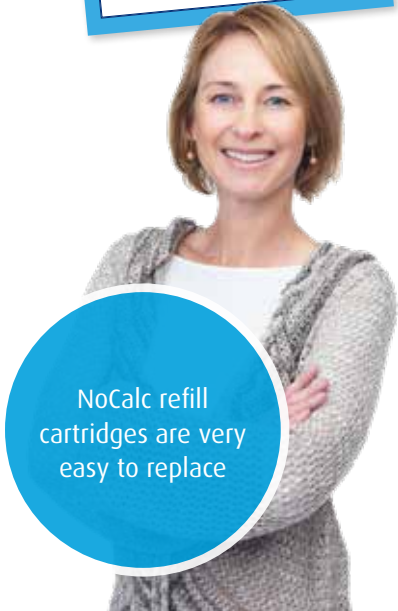
## NoCalc CombiCompact

Standard installation example of a CombiCompact unit in a kitchen cabinet (under sink)



## NoCalc PrefilterPLUS

Standard installation of a PrefilterPLUS unit in a kitchen cabinet (under sink)



NoCalc refill cartridges are very easy to replace

Dimensions & specifications	CombiCompact	PrefilterPLUS
Dimensions (L x B x H)	115 x 75 x 210 mm	240 x 75 x 210 mm
Connection	3/4" BSP Female	3/4" BSP Female
Weight	0,45 kg	1,1 kg
Working pressure	0,5 - 10 Bar	0,5 - 10 Bar
Test pressure	25 Bar	25 Bar
Temperature range water	1°C - 40°C	1°C - 40°C
Flow rate	Max 3.000 L/u	Max 3.000 L/u
Pressure loss	± 0,3 Bar	± 0,3 Bar
Lifetime dosing cartridge	± 40.000 litres (40m³) or max. 1 year	± 40.000 litres (40m³) or max. 1 year
Filter cartridge	small prefilter mesh	XL Prefilter unit 50 Micron

Your NoCalc stockist:

