

Is pleased to announce the Quads have finally arrived!  
Let us introduce to you the latest additions to our family.

## Scaleout 'salt less' Soft-No-R's

Look at what they have to offer...

- No salt needed
- No electricity needed
- No regeneration – so no waste water
- Soft water benefits with upto 50% savings on soaps etc
- Totally drinkable – no need for a hard water tap
- Removes existing scale and prevents new scale forming
- Easy to install – full installation kit provided, no drain or overflow required
- Suitable for whole house protection
- Can be used on any heating system – including those with aluminium
- Improved texture of the water – perfect for eczema sufferers



All domestic models  
only 490mm high

The resin media has a life expectancy of 3 to 5 years, (3 yrs guaranteed) with replacement DIY media packs readily available.

*'The Scaleout Soft-No-R has to be the most economic, enviromentally friendly product to combat scale in our lifetime'.*

£500 - £700

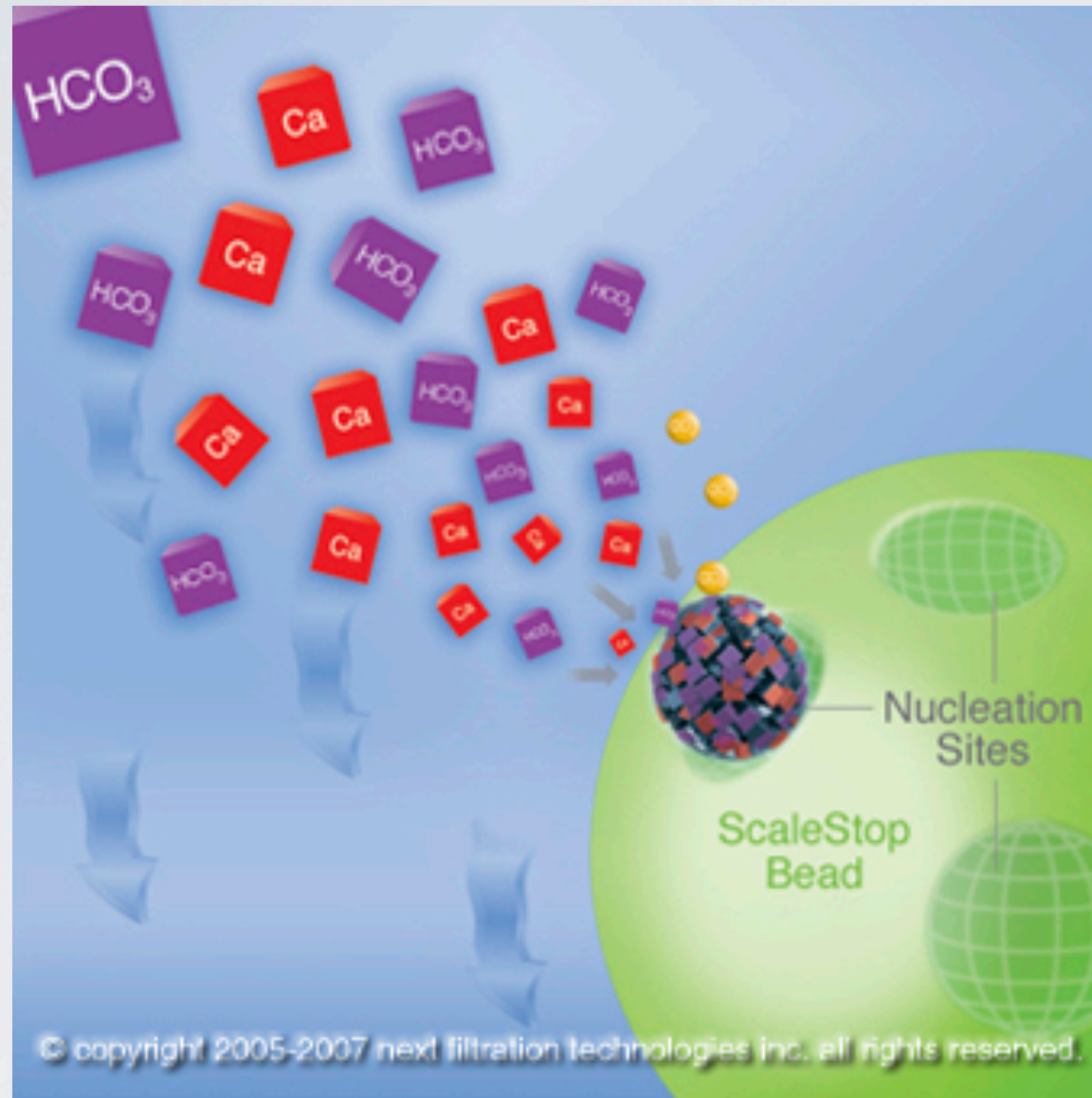
Change the media every 3 years

How it works?

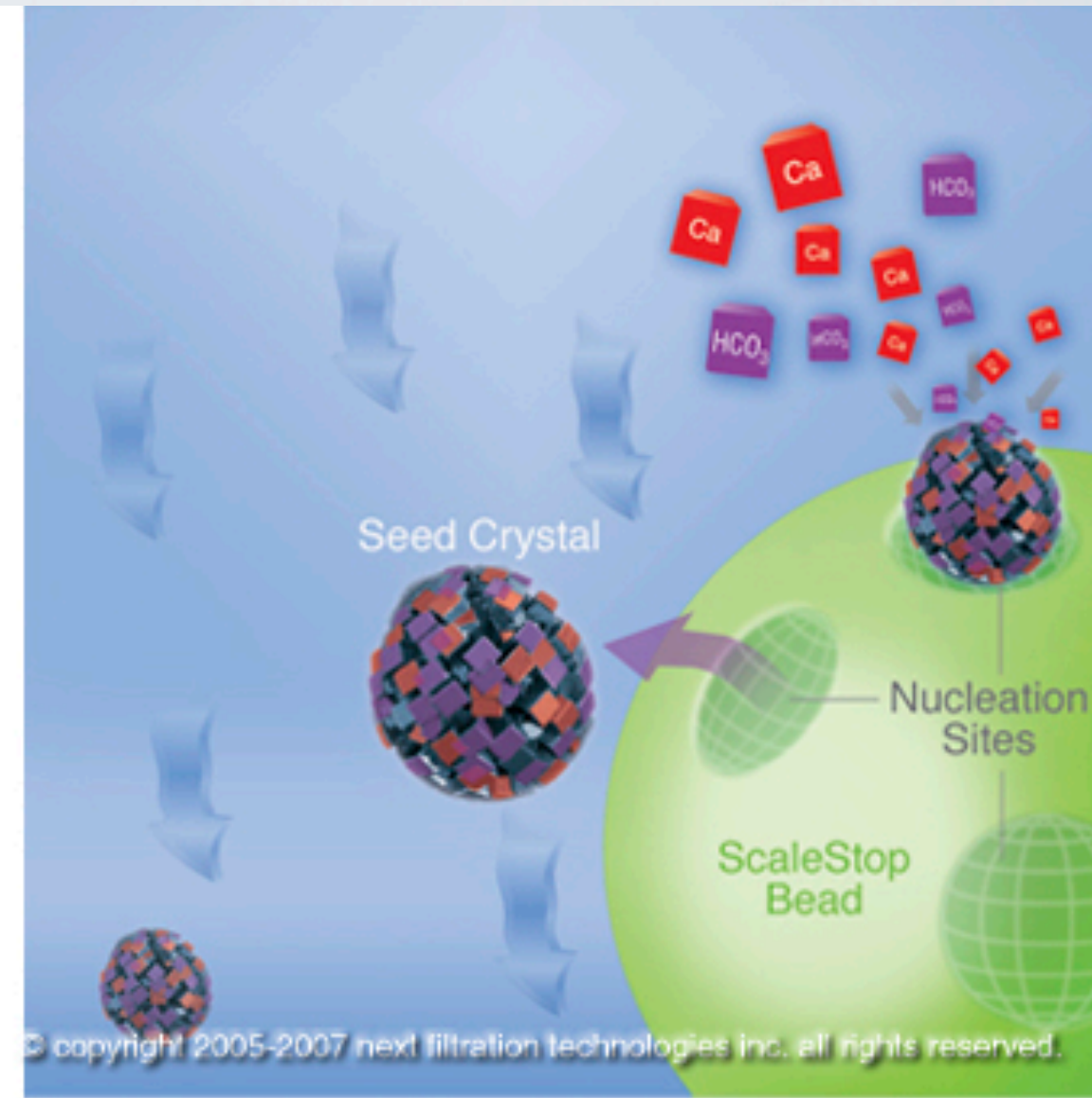
## The real alternative to salt based softeners

Our unique patented ceramic technology combines mineral crystallisation, electrolytic action & our unique Vortex technology for 100% scale control.





Atomic level "Templates" (nucleation sites) on the surface of small specially treated polymer spheres convert dissolved hardness into microscopic crystals.



Once the crystals grow to a certain size they are released from the bead. The crystals are relatively insoluble, effectively isolating the  $\text{CaCO}_3$  from the water chemistry and anything the water contacts.



RNLI Headquarters  
Poole, Dorset



Scale left after  
one month



Saltless Water Softeners come and go, and even back in 1932, they didn't work.

From time to time, they reappear once again, and depending on the budget of the marketer, they gain ground for a while, before disappearing again.

Currently they're back out there being sold online and in plumbers merchants, but we remove them out of people's homes all the time

3rd February, 1932.

DEAR SIRS,

About seven weeks ago I placed a Scale Buoy in a water tank in a local house. The boiler was new two years ago and had been in constant use. Last week I opened it up for the first time and found in the boiler about an eggcupful of sludge. Both boiler and pipes were found to be quite free from scale.

The owner of the house told me that a lot of sediment had been coming through the taps in the water. This started about two weeks after the Scale Buoy was placed in the tank and stopped about a week or ten days before I opened up the boiler.

Without telling him, I took the Scale Buoy away, and the owner now complains that when the water is used for baths, scum forms which adheres to the sides of the bath, and which did not form while the Scale Buoy was installed.

In a house nearby a similar boiler used for the same length of time and under as nearly as possible the same conditions, burst last week. It was scaled, and the pipes were almost solid inside with scale.

(Signed) ARTHUR W. J. CROWHURST,  
DOMESTIC HOT WATER ENGINEER.

In fact, it's not just saltless softeners that don't work.

Over the years many gimmicks have come and gone, all as good if not better than a water softener.

Here is a device that was a small thin glass container, as thin as a lightbulb, that was filled with mercury, and would sit in the water tank in your loft.

Nowadays we wouldn't dream of putting mercury anywhere near our water!

It too didn't work.

## SCALE BUOYS

(Patent applied for)

FOR THE PREVENTION AND REMOVAL OF SCALE IN BOILERS AND PIPES OF DOMESTIC HOT WATER SYSTEMS

MANUFACTURED Price 50s. each. IN GREAT BRITAIN.

Scale Buoys are the outcome of long research for a "foolproof" device for removing scale deposits from the boilers and pipes of domestic hot water systems, and for preventing further accumulation.

All earlier systems have had one or more of the following disadvantages:—  
High initial cost. Expensive and complicated installation. Maintenance charges.  
Use of Chemicals. Constant or periodic attention. Intricate adjustment.

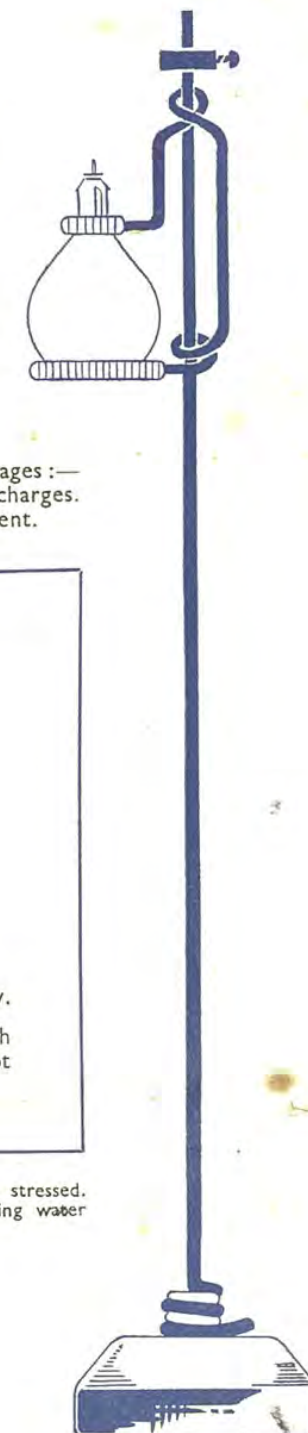
### THE ADVANTAGES OF SCALE BUOYS

- Convenience.** Hotter water from Domestic Supply.  
Water heats quicker.  
Kettles boil quicker.
- Cost.** No installation costs.  
No alteration to existing water system.  
No extra cost for chemicals or electricity.
- Savings.** No replacing pipes choked with scale.  
No annual bill for chipping out boilers.  
Smaller fuel or gas bill for heating water.
- Simplicity.** Can be fitted by anyone.  
No mess in fitting.  
Constant supervision unnecessary.  
The Buoys are hermetically sealed and last indefinitely.
- Guarantee.** All Scale Buoys are sold on terms under which purchasers are refunded the price paid if installations do not produce the results guaranteed within three months.  
~~The Guarantee is printed in full on the back of this leaflet.~~

The advantages of clean boilers and pipes are so well known that they need not be stressed. It is, however, seldom realised that scale in a boiler increases the fuel bill for heating water as follows:—

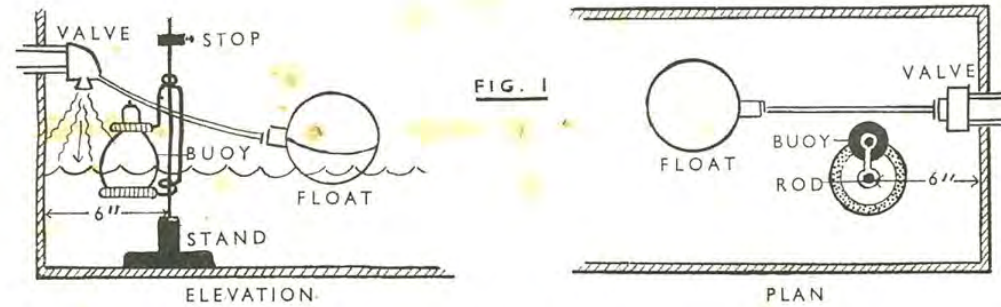
$\frac{1}{8}$ inch of scale	- - -	15%	increased cost
" " "	- - -	50%	" "
" " "	- - -	150%	" "

Enquiries to the Agent—  
L. H. MAJOR,  
37 WELSH BACK,  
BRISTOL,  
TELEPHONE 23506



## INSTALLATION INSTRUCTIONS

The maximum results are obtained by placing the Buoy in that part of the cold water cistern in which the water has most circulation. Where a single Scale Buoy is installed in the cistern, place the rod as near the arm of the ball-cock float as is possible without the Buoy being able to swing round and touch the arm or the side of the tank. The rod should be about six inches from the side of the tank. See Fig. 1. The stop can be kept at the top of the rod, but if the rod interferes with a cover over the tank, push down the stop sufficiently to clear the cover, lock



it in position, and cut off or bend over the rod above it. It does not matter if the Buoy is completely or partially submerged at high level. Rods of extra length will be supplied on request for tanks with over 2 feet 6 inches depth of water.

For an installation of two Scale Buoys we recommend positions as in Fig. 2, following the same instructions as above.



Where more Buoys are used, slide the stop down the rod until the Buoy is held at the level of the outlet pipe supplying the hot water system as in Fig. 3, and placed about 1 inch away from it. Additional Buoys should be placed symmetrically about the tank, keeping the rods 6 to 9 inches from the side or where intercommunicating tanks are installed, put a Buoy as in Fig. 3 by each pipe connecting the tank or tanks.

We are always pleased to advise on installations when full particulars are sent.

**N.B.** An additional charge of One Shilling per rod will be made for extra long rods to cover cost of postage, etc.



Once installed, Scale Buoys function automatically, and require no attention except in exceptionally hard water when it is advisable to inspect them periodically to ensure they are clean, and therefore working at their maximum efficiency. If they are covered with a film, or chalky deposit, it should be removed with a cloth or brush.

**TABLE A**

shows the number of Scale Buoys required to obtain the best results based on the number of persons resident in a house.

1	up to 4	persons.
2	„ 8	„
3	„ 12	„
4	„ 16	„

**TABLE B**

shows the number of Scale Buoys required to obtain the best results based on the capacity of the supply tank.

1	up to 50	gallons.
2	„ 100	„
3	„ 200	„
4	„ 300	„

**TABLE C**

shows the extra number of Scale Buoys required when the water exceeds 20 degrees of hardness.

Add	1	Buoy.
„	1	„
„	2	Buoys.
„	2	„

1	up to 4	persons.
2	„ 8	„
3	„ 12	„
4	„ 16	„

1	up to 50	gallons.
2	„ 100	„
3	„ 200	„
4	„ 300	„

Add	1	Buoy.
„	1	„
„	2	Buoys.
„	2	„

Note.—One cubic foot of water is equivalent to 6.25 gallons.

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Our agents will advise on larger installations.

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