



Ecological water treatment by the ionic accelerator

with permanent magnets

The NEW ARA ionic accelerator is a qualified water conditioner for all kind of water.

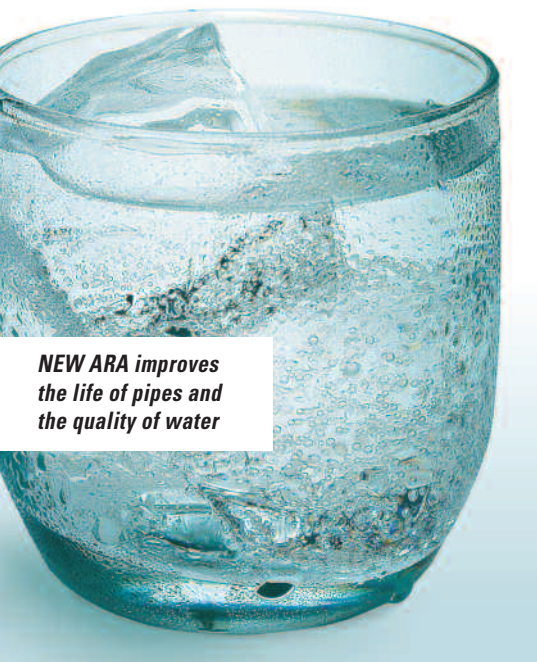
After the New Ara has been installed it doesn't need electrical connection, no needs of maintenance or operational expenses and remains operative several years.

NEW ARA ionic accelerators are installed and perfectly functioning in thousands of applications all over the world.

Produced by

vosges [®] TM

Future Technology



NEW ARA improves the life of pipes and the quality of water

Water is life!

It's one of the more simple habit: you turn the tap on and water is ready to be used.

Drinking water must have precise requirements by law: it must have no colour, no taste, without odour. It must be transparent and fresh, germfree and it has to contain a low quantity of minerals (no more than 1500 mg/l), if they are in excess, they can change the taste of the water (for instance sodium, calcium, magnesium), or the colour and the transparency (iron, aluminium, manganese), or they can be unhealthy (potassium, fluorine, sulphate).

The quantities of these minerals determine the hardness of water. Said hardness influences not only the human health but also the life of pipes, boilers and all fittings or fixtures. The

heating elements of the electric household appliance are soon covered of scale: even 1 mm of calcium carbonate obliges to use a 10% more in energy to reach the same temperature.

Installing the NEW ARA you will have the following important advantages:

- ▶ Removal of scale into the pipes and on electric resistors of electric household appliances (boilers, wash-machines, dish-washers, coffee-machines and so on)
- ▶ Saving in energy
- ▶ More passage of water into the pipes
- ▶ No exercise cost.



NEW ARA prevents deposits formation and removes old scales.

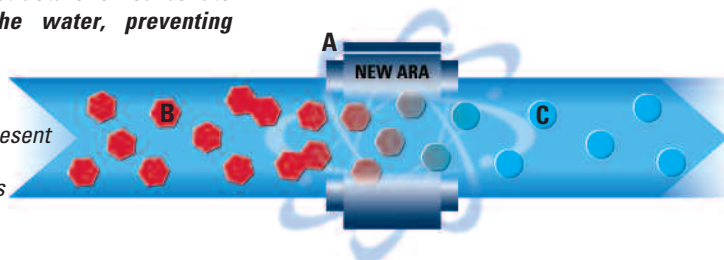
How does the NEW ARA work?

The principle of operating of the NEW ARA ionic accelerator studied by Vosges, is simple but sophisticated at the same time. It is based on the forced flowing of water through a high intensity magnetic field (at present the NEW ARA is the only device in the world market with a magnetic controlled field of 10.000 Gauss). When the water

passes through the device the molecular structure of mineral changes in a way that the molecules of those minerals don't gather together preventing the formation of scale. In particular, the high magnetic field generated in the NEW ARA ionic accelerator transforms the carbonate elements in very little crystals of aragonite, that remain suspended in the water and are eliminated by the flow.

The high NEW ARA magnetic fields change the electrostatic structure of carbonate components of the water, preventing scales formation.

- A - NEW ARA
- B - bicarbonates present in the water
- C - aragonite inerts crystals



Installing the NEW ARA you will discover a new and pleasant contact with water



The effects of the ionic accelerator NEW ARA improve the water of your swimming-pool. The add of chemicals compounds becomes unnecessary

Positive effects installing the NEW ARA

The ionic accelerator NEW ARA doesn't absolutely change the organoleptic features of drinking water, but, on the contrary, it works in a safe and ecological way to transform water into the one you need. You will see the effects of the NEW ARA ionic accelerator in a very short time. Just a few days after the installation, you will be surprised to find out that water boils faster without leaving those "typical" white residues inside the pots, the new brilliance of your stainless steel sink will be another nice surprise for you, as well as the new transparency and sheen of glass, toilet bath-soap and shampoo will be foamier, so you can use a smaller quantity of soaps and save costs. Even washing yourself will give you a new sensation; leaving your skin and

your hair softer. In the same way, your laundry will be naturally softer and the drum of your washing-machine will become suddenly brighter. Meanwhile the electric energy consumption and costs will decrease, thanks to NEW ARA that gradually reduces, up to eliminate, the old calcareous scale on the electric resistors and boilers.

By consequence the add of chemical compounds, used in apartments buildings, becomes unnecessary.



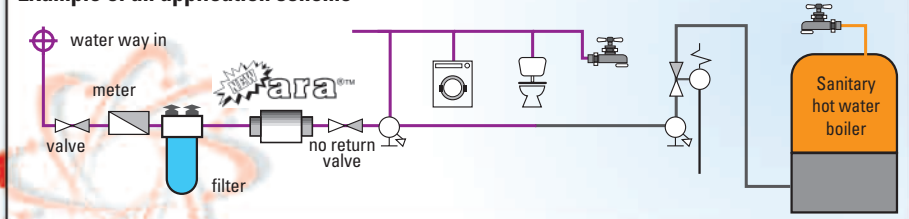
Innovation for swimming-pools!

An other evident property of the action of the high magnetic field of the ionic accelerator NEW ARA is that it improves the water of swimming-pools. In order to assure the bathing in swimming-pools the law provided with a strict set of sanitary regulations; some of them: it is necessary to take regularly samples to analyse and it needs to add chemical compounds (chlorine, anti-algae,

and so on). The high magnetic field of the ionic accelerator NEW ARA influences the minerals and the bacteria present in water and, through the continuous re-circle, let the bathing possible as law regulations say.

The effects are so evident that it is possible to do away with the chemical addition instalments and to treat the water only with the ionic accelerator NEW ARA.

Example of an application scheme



No Risks - Maximum guaranteed!

The ionic accelerator NEW ARA can be installed by our technicians or by your sanitary engineer between a mechanical filter of 60 or 50 micron and a no return valve. Installing the NEW ARA you don't need any maintenance and no more treatments of water, because the action of its magnetic field is unlimited. The NEW ARA works with no electric connections, no need of maintenance and, in a short time, you can amortise it. All official tests clearly show that the ionic accelerator NEW ARA avoids the formation of scale and, at the same time, it eliminates the old one, in such a way it improves the quality of water ecologically.

WARRANTY

According to the rules, the Laws and the International Right, except for breaches or malfunctions caused by a not corrected manipulation of the accelerator NEW ARA, hits, openings with consequent interruptions of the magnetic field and if the NEW ARA accelerator isn't installed between a mechanical filter of 60 or 50 micron and a no return valve.

Systems equipped with the NEW ARA are our best guarantee. Contact us without any obligation on your behalf.



NEW ARA is available in several sizes covering all requirements.



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NEW **ara** [®] TM **CE**
super magnetic water treatment systems