

**VOSGES di Moreno Beggio**  
**Ionic Accelerator Department**  
Via Roma, 133  
36040 - TORRI DI QUARTESOLO -  
VICENZA - ITALY

ph. ++39-444-387119 r.a.  
fax ++39-444-264228  
mail : [estero@vosges-italia.it](mailto:estero@vosges-italia.it)  
<http://www.vosges-italia.it>

**CONDOMINIUMS - VILLAS - APARTMENTS**



**NEW FUNCTIONALITY WITH THE APPLICATION  
OF NEW ARA IONIC ACCELERATOR**

It is common knowledge that:

- crystals of carbonate and the salts present in water change in precipitates and become calcareous scale, which is the main cause for the reduction of flowing water in the pipes;
- consequently it increases water pressure inside the pipes with risk of damage;
- filters are clogged;
- it is necessary to intervene with chemical treatments that, restoring the functionality of the devices and the pipes, attach also them, with consequent damages to the environment;
- the energetic costs go up giddily because of the incrustations.

### ***Water is life***

It is one of the simpler habits: we all are used to turning the tap on and the water is ready to be used. The drinkable water has to respect some low requirements as: it has to be colourless, tasteless, odourless, limpid and fresh.

It must be totally lacking in germs and to contain a modest quantity of minerals that, if present in excess, can affect the taste of the water (sodium, calcium and magnesium ), the colour and the clearness (iron, aluminum, manganese), or quite to determine disturbs for the health (potassium, fluorine, sulfates).

Minerals percentage determines the hardness of water, that may not only cause real damages to pipes, boilers and other equipment, but also health problems.

### **With the installation of NEW ARA we obtain:**

- elimination of the use of chemistry for the softening of the water;
- elimination of all the previous incrustations in the tubes and the systems, preventing the re-formation;
- lower energy consumption;
- longer duration of the equipments and the systems;
- reduction of the maintenances of the systems, with consequent incalculable economies;
- elimination of aggressive and polluting chemical compounds such as anti-scale or anti-bacteria;
- reduction up to 50% of soaps and derivatives with consequent safeguard of the atmosphere;
- no operating costs.

### **Installation**

- New Ara has to be installed after the general water meter and between a filter of 60 or 50 micron and a not return valve.
- A cut in soap quantity has to be immediately made after installation in order to avoid the consequences of an excess in soap quantity, where less than 50% of usual soap or derivatives either for personal or household needs, will be used.
- A periodic maintenance of jet-breakers of taps has to be made after the installation.
- Maintenance of thermoelectric and storage boiler with consequent periodic drainage of calcareous scale detached by the action of the accelerator.