

## INSTALLATION WATER

The quality of the filling water of a system is very important for the good functioning and preservation of the same.

Experience has shown that the value of the pH must be between 6,5 and 8 with optimization to 7,3.

In all cases purified water must not be used because of the serious damage caused to all systems. It is useful at this point to remember that, in order to preserve the thermal systems from corrosive or encrusting processes regarding radiators, piping and boilers, legislation body UNI-CTI 8065 foresees the treatment of the filling water of systems, without discrimination in aluminium, steel and cast iron. Among the various products to add to system water, under the cited rule UNI, there is a filmed aliphatic poliammina on market with the name Cillit-HS 23 Combi.

**Important:** the Cillit-HS 23 Combi does not leave the protective film on the inside of systems if the water in a ring exceeds the speed of 2 m/s.

The valves use to float for the automatic vent of gases in the radiators is recommended to avoid the stagnation in corrosive aeriform one in the inside of the system.

## COMPATIBILITY BETWEEN DIFFERENT MATERIALS IN THE HOME INSTALLATION

Designers and installers have often stressed the problem of corrosion between the different materials, which can lead to 'micropile'.

This problem, also mentioned in the specific literature, has never been experienced by our engineers in more than 10.000 installations since 1965.

The installations are constituted nearly 90% of aluminium radiators, copper pipes and brass valves.

In fact the isolating power of gaskets and sealants installed between radiators gives reassurance for everybody who has already employed the previously-mentioned materials in the installation and for those who wish to adopt the same system in future.