

# AQUAWELL EXTRA



## INSTRUCTIONS MANUAL

**AQUA PLUS Ltd.**

### *Denomination of Equipment:*

**AQUAWELL EXTRA** product has been designed for continuous disinfection of water in wells, contaminated with micro-organisms, making the water unsuitable for consumption.

### *Description of Equipment:*

**AQUAWELL EXTRA** kit consists of a special ceramic cartridge, inserted into a perforated, protective cover, filled with a chlorine-based disinfecting agent.

### *Use of Equipment:*

**AQUAWELL EXTRA** is placed (by hanging it, using a stronger nylon fishing line) in a water well, as close to the point of use as possible.

### *Principle of Disinfection:*

A disinfecting agent, contained in a ceramic cartridge, releases active chlorine from inside the micro-porous structure of the cartridge by penetrating water, which inversely enters into the water around **AQUAWELL EXTRA** kit. The released active chlorine eliminates micro-organisms in the whole well volume.

### *Conditions of Disinfection:*

The resultant concentration of active chlorine in the water is partially influenced by the conditions of disinfection in a well (volume of water, water temperature, water consumption in time, inflow conditions of underground water, etc.). Experience with a particular well can lead to changes in use, like using more **AQUAWELL EXTRA** cartridges for larger well volumes or larger withdrawal of water. For smaller volumes of considerably smaller draw, the water should be dechlorinated using a vitamin-based preparation, supplied by the manufacturer or activated carbon filter.

### *Replenishing of Disinfecting Agent:*

The doses of disinfecting agent are delivered in polyethylene bags, designed for one single fill of the ceramic cartridge. Based on the conditions of disinfection (water volume in a well, water draw, etc.), one dose of disinfecting agent of **AQUAWELL EXTRA** is capable of disinfecting the water for 4 weeks up to two months. By periodic checking of the **AQUAWELL EXTRA** cartridge (approx. once a week), by taking it out and opening the ceramic cartridge (unscrewing the lid), the user can ensure whether the quantity of the disinfecting agent is still sufficient.

### *Security Precautions:*

The disinfecting agent contains a high percentage of active chlorine. Avoid oral use of this agent or contact with eyes and mucous membranes. If this happens by accident, flush the affected places with larger amount of pure water or in case of need see a physician.

### **MANUFACTURER OF KITS:**

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