

# Improved Water Quality

Water aeration with **EFEKTYWNY PRIVAT™**, exclusion of chemicals, for small and large consumer with environmental standards and quality requirements on the water.



- Very effective
- Eco-friendly
- Easy to install
- Reliable
- Low running costs
- Customer satisfaction

## EFEKTYWNY PRIVAT™

A compact and reliable construction system, for small and medium size users, with a consumption of 5.5 to 110m<sup>3</sup> a day. With consumption of up to 20m<sup>3</sup> a day a pressure tank is used and above 20m<sup>3</sup> a water reservoir is used. Automatic backwashing. Simple and cost effective water aeration. Appropriate for households, agricultures, manufactures and small water plants.

**EFEKTYWNY PRIVAT™** increases the PH-value and reduces the level of iron, manganese, hydrogen sulphide, radon, ammonia and other destructive carbonic acids.

The modular construction means that an existing system can be extended in the event of increased consumption.

## How **EFEKTYWNY PRIVAT™** works

When water is forced through the aerator pipes, filtered air is drawn in and mixed with the water, leading to a total and rapid oxidization of iron and manganese particulates. The remaining air is mixed with, among other things, hydrogen sulphide and ammonia which are removed by the return aeration process.

**EFEKTYWNY PRIVAT™** is patented.

### Very effective

Tests carried out on raw water during a 4 month period, shown overleaf.

### Environmentally friendly

The only addition is oxygen from the surrounding air, ie no input of chemicals. The water is cleaned in the same way that nature always has.

### Easy to install

**EFEKTYWNY PRIVAT™**. The space required is no more than 0,6 x 1.2 m, and height, 1.8 m. Voltage 220V. A pressure tank is not included but if it already exists it can easily be installed to the system. Minimum volume 200 litres. Dimensions for larger systems are offered on request.

### Reliable

The **EFEKTYWNY PRIVAT™** system is constructed for in away to avoid breakdowns. Large waterway channels prevent blockages of minerals and other pollutants. Minimum pressure should be 2 kg.

### Running costs

The **EFEKTYWNY PRIVAT™** system requires little maintenance. No tools are required for cleaning the aerator pipes.

### Customer satisfaction guaranteed

Anlager will take full responsibility of customer satisfaction. Anlager will take back the system if the customer is not satisfied.

### Capacity

**EFEKTYWNY PRIVAT™** is equipped with pipes which handle 5.5 –110 m<sup>3</sup> a day.



# Test Results

Test carried out on raw water from a well during a 4 month period.

The test unit was new and the sand filter contained new sand.

New sand requires a 3-4 week period before reaching maximum efficiency concerning the iron filtration.

Used sand requires 0-2 weeks.

Manganese requires 8-10 weeks for new sand and 0-2 weeks for used sand.

