



# The KIOSK II

*From 500 m<sup>3</sup>/day up to 1 500 m<sup>3</sup>/day*



## The product

The KIOSK from Aqua Technique produces up to 1 500 m<sup>3</sup>/day of ultrafiltered water per day from a network, groundwater or surface water supply source.

The Kiosk delivers perfectly clear water with a turbidity of less than 0.1 NFU and 5 log removal of germs.

## Uses

Ideal for small communities, remote settlements, industrial uses and rural needs, real estate, hospitals, hotels.

## ultrafiltration membrane

. A simple filtration process (0.01µm) provides a hermetic barrier against suspended solids, algae, bacteria and viruses while retaining mineral salts. **Ultrafiltration is used for one-stage production of treated water performing clarification and disinfection in a single process.**



## Operation & Maintenance

The Kiosk II requires less maintenance, electrical power and consumable. Its PLC can be connected to an external survey system through communication network or modem.

It is fully automatic.

## How it works

- Backing filters (their number depend from the number of modules) from 100 to 200  $\mu m$  protect membrane.
- Alimentation pump.
- Ultrafiltration modules (Polysulfone or acetate) provided by Aquasource ensure clarification and disinfection.
- The different cycles of operation are controlled by a series of automatic electric valves.
- Regeneration membrane tank using alimentation pump.
- Switch box with micro control system.
- Dosing pump for chlorination

**Nota :** The supply source must be conform with WHO drinking water standard

## Technical carateristics

Number of modules	5	6	7	8	10	12	14	16
Dimensions (roofless) (mm)	(Lxlxh) 6040x2440x2590							
Weight in operation (t)	3,	3,8	4,1	4,5	5,5	6	6,5	7
Voltage	7,5 kW				15 kW			
Outlet pressure	0,5 bar							
Maximum production (m <sup>3</sup> /d)*	50	58	66	75	100	117	135	150
Dia raw water (ND/ext)	100/110				125/140			
Dia treated water (ND/ext)	100/110				125/140			
Dia backwash water (ND/ext)	80/90				100/110			
Dia drain water (ND/ext)	80/90				100/110			

\* For a temperature of 20°C

### FOR FURTHER INFORMATION

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