

Details

Costs and time for implementation:

The costs for the AquaDoc UV system and installation as described are: ZAR 25,000 (excl. VAT). Transport and travel costs for installation are quoted separately. The system is installed in approximately one day, depending on the local situation and travel time to the school.

The AquaDoc UV disinfects the water, killing bacteria, viruses and even the chlorine-resistant parasites Giardia and Cryptosporidium. This prevents diarrhoea caused by contaminated drinking water, thereby reducing medical costs and absenteeism from work or school. The high-quality carbon block pre-filter improves the taste and odour of your water and even removes some dangerous chemicals that may be present in raw water.

Technical specifications:

Max. flow rate: 6 liters/minute
Electrical supply: 220V, 50-60Hz
Lamp housing: Food-grade stainless steel
UV lamp: 21W special cell lamp
Filtration: nominal 5µm activated carbon block
Dimensions: 500 by 250 by 145 mm
Weight: 5 kg

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AquaDoc UV for Schools

Safe and healthy drinking water



The AquaDoc® UV for Schools provides safe and healthy drinking water to the students and staff by purifying unsafe raw water using UV technology.

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Description

A typical AquaDoc UV for Schools includes:

- 1) Installation of the submersible pump in a water storage tank with interconnecting pipe (max 15m pipe of Ø20mm) and power cable. *Picture 1: submersible pump*
- 2) Mounting of smaller feeder tank (250 liter) on the outside wall, with necessary connections. *Picture 2: feeder tank*
- 3) Installation of double electricity point inside the building for connection of the AquaDoc UV unit and the submersible pump, including 30m of cabling to nearest existing electrical socket.
- 4) Installation of the AquaDoc UV unit on the inside wall, complete with water and electricity connections. *Picture 3 and frontpage: AquaDoc UV*
- 5) Arrangement of a 25-liter jerrycan with tap, to be filled with purified water for each classroom. *Picture 4: jerrycans*



Provisions for installation and use:

- Electrical power supply is available (220V preferably). Alternatively, QuaWater can quote and provide a solar powered system.
- Water tank(s) of sufficient size to be used for rain water harvesting or to be filled from other sources. Where necessary, additional water tanks, piping and pumping can be provided.

Benefits of the AquaDoc UV:

- Safe and healthy drinking water
- Complete water treatment system
- Point-of-use purification
- Activated carbon filtration
- Ultraviolet disinfection
- Highly durable stainless steel housing
- Patented safety feature

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