

AQQA®-cube

clean and safe water made simple

The **AQQA®cube** is a water filter that can be used in emergency and crisis situations to remove turbidity, bacteria and pathogens from the water. It achieves a retention rate of 99.9999% for bacteria. In many areas of the world where people have no access to drinking water, bacteria (e.g. typhoid fever, cholera) and other water parasites (e.g. bilharzia) are an acute threat to health. The **AQQA®cube** is designed to decisively improve the hygienic quality of water in these cases. Water sources that can be used to fill the **AQQA®cube** are:

- Water from rivers, ponds and lakes (excluding industrial waste water)
- Groundwater, rainwater
- unreliable municipal water supply

The **AQQA®cube** simply works with gravity. Untreated water is filled into the top of the tank. It then flows through a cleaning membrane, which acts as a barrier to microbiological contamination. The filtered water leaves the **AQQA®cube** at the side outlet where it is collected in a bottle or storage tank.

The **AQQA®cube** does not clog due to the extremely low filtration pressure that is gently applied over the membrane. Solids and particles that have accumulated on the membrane surface are washed out by simply opening the drain valve.

How does the AQQA®-cube work?

1. Fill the AQQA®-cube with approx. 200 l untreated water and open the outlet valve.
2. Collect the water in a clean container.
3. After one filter cycle, refill the tank with raw water.
5. Once a day drain approx. 10 to 30 dirty water from the drain valve in order to rinse out the dirt.



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Technical data

Size:	65 x 45 x 80 cm
Volume of the tank:	230 l
Daily output:	approx. 1200 l per day
Retention rate bacteria:	99.9999%
weight:	30 kg

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Which impurities in the water are removed by the AQQA®cube?

- Bacteria, protozoa, water parasites
- all particles, suspended particles

What's the difference?

The AQQA® ultrafiltration membrane (manufactured in Germany) uses extremely small holes of defined size to filter out microbiological contaminants and solids. Only clear water can pass through the membrane. This enables us to achieve the highest level of hygienic safety - tested by an independent laboratory accredited in the USA.

Can the AQQA®-cube be reused?

Yes, hundreds of times. For hygienic reasons, it should be cleaned at regular intervals according to the instructions.

Can the AQQA®-cube clean any water?

No. The AQQA®-cube cannot remove substances dissolved in water, such as salts. Other pollutants such as pesticides or heavy metals can be present in the water in high concentrations, which can severely impair your health. In case of doubt, the water must be analyzed. Please do not hesitate to contact us if you have any questions.

*Drinking water can only be guaranteed if the water is analyzed according to drinking water standards.



Hygienic Analysis

conducted by Biological Consulting Services, Florida 05/2017.

Raw water: General Test Water
according to NSFP231:

GTW1

measured retention rate for bacteria: 99,9999%.

How is the AQQA®cube stored after use?

After use, empty the AQQA®cube and let it dry. Store in the shade in a dry place. If you are using the AQQA®cube for the first time, dispose of the first 10 liters of water.