

Blue lagoon

SPA & POOL EQUIPMENT
VANERP
international by



Copper Electrolyzer



Advantages:

- Ensures fresh, clean and clear water
- Disinfects water efficiently and safely
- Protects your pool from germs
- Keeps the formation of mould, bacteria and algae under control
- Can reduce the use of chlorine and other chemicals by 100%

Characteristics of the Blue Lagoon Copper Electrolyzer:

- Copper unit is sufficient for 2 swimming seasons (4500 hours)
- Easy installation and maintenance
- 2-year guarantee with respect to manufacturing faults
- The Blue Lagoon Copper Electrolyzer is earthed
- Ideal in combination with UV-C

Operation

The Blue Lagoon Copper Electrolyzer will clean the water in your swimming pool through copper electrolysis. We recommend to use this device in combination with a UV-C device for the best result. The Blue Lagoon Copper Electrolyzer will, before the water goes back to the pool, be mounted between the pipes. The swimming pool water then flows through the housing of the Blue Lagoon Copper Electrolyzer. A copper unit, or Electrolyzer, is positioned within the housing, and the copper unit discharges a minimal amount of copper into the water flowing through the housing. These copper ions (Cu^{2+}) in the water have a positive charge and destroy the cell walls of algae, bacteria, viruses and other primitive organisms. As the cell wall is thereby damaged, these organisms are no longer able to take up any nutrients, and are therefore unable to multiply. The process of applying a positive charge to copper is called copper electrolysis. The copper in the water acts as a disinfecting buffer in your swimming pool and, in terms of results, can be compared with the effect of chlorine. Thanks to the Blue Lagoon Copper Electrolyzer, your swimming pool water will be disinfected efficiently and safely, and the quality of your water will remain excellent.

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