

# MOBILE DRINKING WATER SUPPLY UNIT



## Filtration phases in this unit:

- \* 50 micron mesh filter
- \* Ozone generator
- \* Self-cleaning 3 micron fiber filtration
- \* Activated carbon filter to remove odours and taste
- \* Absolute membrane filter at 0.1 micron and NSF certified
- \* Optional UV light

## Justification of Cost

- \* A mobile water treatment unit producing safe drinking water for emergency and humanitarian operations
- \* Emergency response unit
- \* Self cleaning filtration system 24/7
- \* Compact design with a large filter surface
- \* Easily scalable system architecture in units of 1 m<sup>3</sup>/hour or 6 m<sup>3</sup>/hour
- \* Also works during rain season or flooding
- \* PLC control unit is included
- \* Low energy consumption starting at 1 kW
- \* 3 bar flusing unit is integrated



## On-site requirements

- \* 230 V or 110V electricity or optional solar panels for smaller skids and 380 V for the larger skids
- \* storage tanks