



Perfector-E

Recent humanitarian disasters boosted the need for instant and reliable supply of safe drinking water in mostly rural and remote areas. In close collaboration with PWN, a Dutch drinking water company, Norit Membrane Technology has developed a mobile water purification unit, denominated Perfector-E. Norit Membrane Technology is part of Norit “leading in purification” and is, with its membrane supplier Norit X-Flow, one of the world’s leading companies in the development and supply of innovative membrane technology.

The Perfector-E produces high quality potable water from polluted surface water. This unit is based on ultra filtration technology that retain impurities like bacteria and viruses, followed by an extra step of disinfection through ultraviolet light. The Perfector-E, fed by a mobile generator, has a capacity of 2,000 liters per hour. The Perfector-E was originally developed for emergency aid purposes, it has a robust design and is extremely easy to operate (one-button operation) and to maintain.

Under harsh circumstances, the Perfector-E has proven itself to be a robust water purification unit. For example, the Perfector-E is being used in Pakistan and Uganda by “Médecins Sans Frontiers” and also in many places in the tsunami affected area. On one location even, the use of the Perfector-E has reduced the number of people that die of viral infections to zero.

The Perfector-E is not just an emergency water supplier, but also a permanent, decentralized, stand-alone water supplying unit. The Perfector-E, can help countries and organizations to achieve the Millennium Development Goals, since it is an excellent alternative in regions where piping networks are not dense enough to reach the entire population.

