



Value selling arguments

Features

Value Benefit

<p>100 % Solar powered units</p>	<p>Autonomous, independent of electricity or fossil fuels.</p> <p>Unique solution for regions suffering from water shortage in areas where there is no, limited or unstable access to electricity or diesel fuel.</p> <p>Krystall™ is a fully green and environmentally friendly solution. The first fully solar powered unit capable of producing large quantities of pure water.</p>
<p>Highly relevant</p>	<p>50m³ to 100m³ per day of pure drinking water represent very significant volumes thus having a real impact on the personal lives of individuals and on the social environment of communities with long lasting positive implications.</p>
<p>Fully transportable and easy to install</p>	<p>The entire system (filtration and solar structure) and all its elements are delivered in two standard 40 ft containers. All elements of the structure are included. The unit can be installed and ready to function in 3-4 days.</p>
<p>Unique patented RO membrane technology</p>	<p>The unique patented technology “plate & frame” RO system design consumes considerably less power than other RO filtration systems, thus allowing, for the first time, to power such units via solar energy in a commercially and economic manner. SwissINSO has exclusive global licensing rights.</p> <p>Highest water purity is obtained from any quality of sea or brackish water source.</p>
<p>Very low maintenance</p>	<p>Thanks to the unique “plate & frame” design, the water flows through the system with virtually no constraint or blockages resulting in reduced deposits, system clogging or fouling.</p> <p>This combined with the fact that Krystall units are equipped with fully automatic back flushing and filter cleaning systems results in that personal intervention and maintenance is kept to a minimum.</p>
<p>Low running costs versus other systems</p>	<p>No fuel or electricity costs.</p> <p>No filters or cartridges used, which means that running costs (filter replacement, cleaning agents and consumables) for Krystall® are a fraction of those for standard RO systems using electrical or diesel power.</p>
<p>Best quality materials</p>	<p>Swiss made Krystall™ is built to last! Only very best components are used. This translates into a highly robust, reliable and sustainable solution providing pure water day in day out for a period of at least 20 years.</p> <p>The versatility of the unit makes it appropriate for a number of different end uses and segments: government and non-government organizations, relief agencies, islands and resorts.</p>
<p>Cost of water</p>	<p>A 50m³ unit will produce 18 million liters of highly pure water per year at an approximate cost of \$ 0.003 per liter (depreciation period 20 years).</p>
<p>Optional bottling unit</p>	<p>A standalone on-site bottling unit in a 40 ft container (fully solar powered or hybrid) can be added allowing for an integrated approach whereby water can be sold (in bottles or plastic pouches) at extremely competitive prices compared to existing bottled water supply (imported or domestic).</p> <p>A solution for remote areas by providing an integrated water distribution option.</p>