

Text for tender: SBR-small wastewater treatment plant ClearFox® 6 p.e.

Pos.	Qty.	Description	Price/piece in €	Price/totaly in €
		<p><b>Fully biological SBR sewage treatment plant system ClearFox®</b> . Compact modular sewage treatment plant with high-quality clog-save airliftpumps. Integrated energy-saving mode and overflow control by use of fully automatic pressure sensor. No need for calibration, ensued automatically. Air distributor with high-end steptomors and hose connectors from stainless steel (not possible to break)!</p> <p>The <b>ClearFox®</b> control unit integrated in the vented domeshaft, → no need for hose lying into earth. You have only to connect the Inlet and outlet, and just the power cable (power cable 3x1,5mm²). No need for another connections. Openings for KG DN100 prepared (integrated high-quality EPDM seals already in the tank). The monolithic containers are all made from high quality PE in rotation in one piece and not have to be screwed! The ribs form is mainly vertical to allow for a good and ergonomic mixing of reactor. The tanks are equipped with a dome-shaft, standard with 60 cm. The tank-lids (save to walk on, until 200kg) are screwed (in child protection). System CE compliant and EN 12566-3 including test certificates for efficiency, water leakage and breakage resistance. The system consists of two interconnected tanks that are placed in one piece into the excavation. All the technical components in the system are factory pre-assembled ready for connection (plug and play). The tanks have additional reinforcements made of stainless steel.</p> <p>Product: <b>ClearFox®</b> fully biological SBR sewage treatment plant Documentation: <a href="http://www.clearfox.info">www.clearfox.info</a></p> <p>Technical data and dimensions:</p> <ul style="list-style-type: none"> <li>- 1 PE tank 2250 liters, (biological reactor) Unit weight: ~145 kg (incl. <b>ClearFox®</b> control module) Size: lxwxh 153,5 x 121,5 x 230 cm</li> <li>- 1 PE tank 2250 liters, (prechamber und buffer) Unit weight: ~125 kg Size: lxwxh 153,5 x 121,5 x 230 cm</li> <li>- Required size: ~308 x 122 cm</li> <li>- Max. inlet depth: 100 cm under ground level</li> <li>- Manhole tank: 60 cm</li> <li>- Domeshaft Extension: 60 cm</li> <li>- inlet depth: ~78 cm below ground level</li> <li>- Power supply: customer provided underground cable with 230 VAC, 3 x 1,5mm², protection 10A, ground fault circuit interrupter</li> <li>- Control box: <b>ClearFox®</b> control module integrated in the dome-shaft of biological reactor</li> <li>- Power consumption: ~80W</li> <li>- Plant size: 6 p.e. (inhabitants)</li> </ul> <p>Optionen:</p> <ul style="list-style-type: none"> <li>- The inlet height can be extended by replacing a longer WAFIN Tegra DN 600 pipe (clients service)</li> <li>- Up-swimming protection according to the installation instructions (Aquaplast)</li> </ul> <p>Note: The respective installation instructions, especially to be observed for tank installation.</p>		