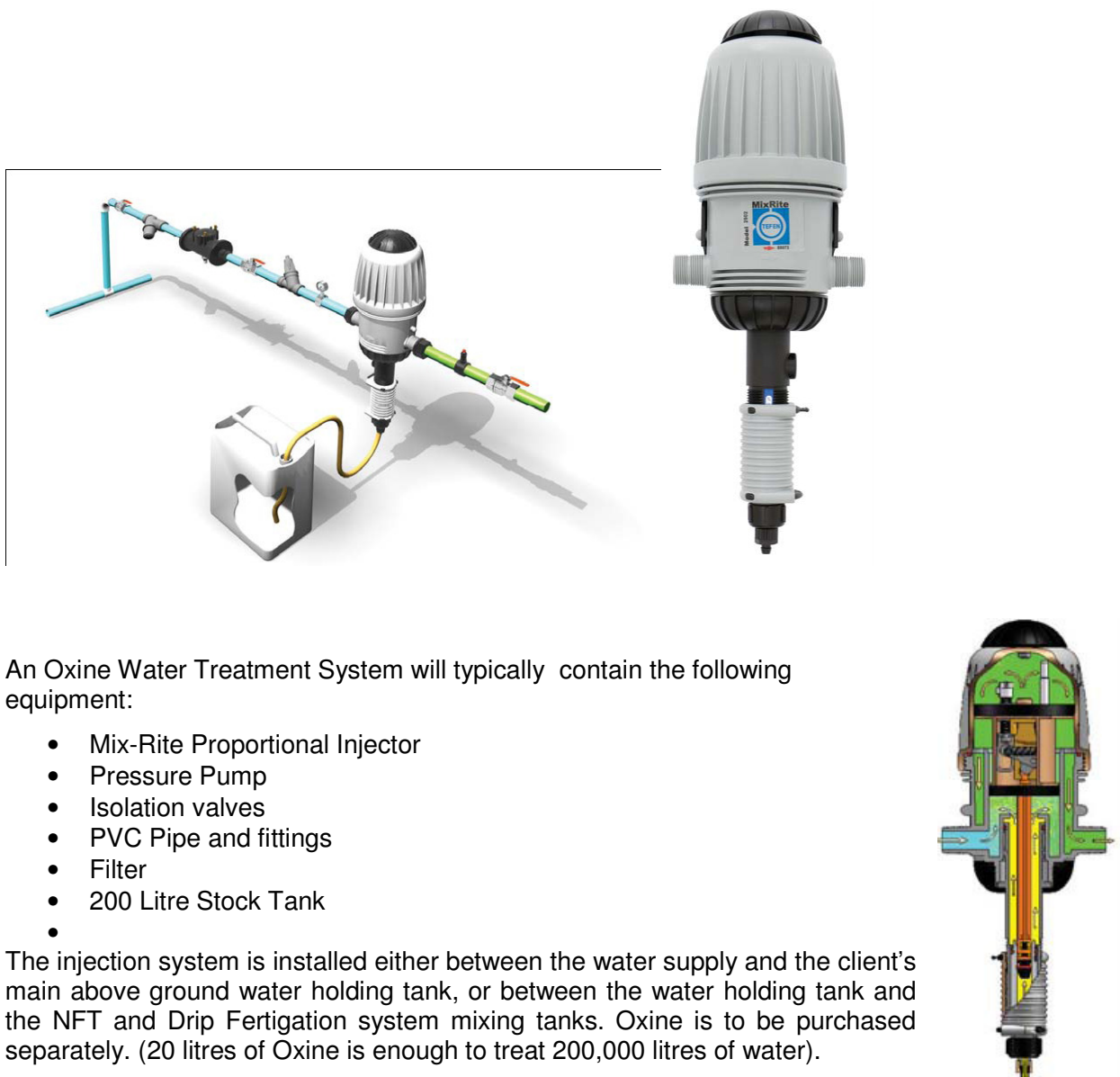


Oxine Water Treatment System – Features

A high quality source of water is essential for a successful hydroponic system.

All incoming water used in a hydroponic system should be pre-treated to remove harmful pathogens. Pure Hydroponics recommends an Inline Proportional Dosing system to automatically inject Oxine (Chlorine Dioxide) into the water used in both NFT and Drip Fertigation systems. Oxine kills any pathogens in the incoming water or nutrient solution and helps to control algae and unwanted biofilm in a hydroponic system. Plants under stress (e.g. stress caused by high temperatures, high humidity) are particularly at risk of infection by pathogens. By reducing or removing the presence of these pathogens in the hydroponic system, plant losses or disease problems can be significantly reduced or eliminated.



An Oxine Water Treatment System will typically contain the following equipment:

- Mix-Rite Proportional Injector
- Pressure Pump
- Isolation valves
- PVC Pipe and fittings
- Filter
- 200 Litre Stock Tank
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The injection system is installed either between the water supply and the client's main above ground water holding tank, or between the water holding tank and the NFT and Drip Fertigation system mixing tanks. Oxine is to be purchased separately. (20 litres of Oxine is enough to treat 200,000 litres of water).