

AQ 50

Technical Specifications

The AQ 50 uses Electrochemical Activation (ECA) technology as an environmentally safe scientific process aimed at satisfying customers needs to prevent and neutralise microbial activity by means of Trustwater™ Ltd. patented electrochemical equipment and processes.



Size:	Height: 1350mm x Width: 600mm x Depth: 498mm.
Weight:	170Kg.
Power Supply & Consumption:	100-240V~, 50-60 Hz 0.4 Kw/Hr. Current: 1.0 - 5.0A~.
Electrical Connection:	Standard 13A fused 3 pin plug.
Salt Consumption:	~0.2g used to produce 1litre of Ecasol.
Noise Level:	<60 dB.
Housing:	Powder coated stainless steel.
Remote Alarming:	SMS Alarm Messaging.
Mains Water:	Flow required: not less than 65 l/hr. Minimum supply pressure: 3 Bar. Temperature: 5 - 35 °C.
Water Connection:	1/2" BSP Female Thread.
Incoming Water Quality:	Standard Potable Water required (pH range between pH 6 & pH 8). Reverse Osmosis system fitted as standard.
Water Hardness:	Water Hardness, keep below 150ppm (as CaCO ₃).
Extraction:	Minimum 1m ³ /min
Outlet Connections:	Ecasol: 8mm compression fitting . Drainage: 1/2" PVC—Drain not to be higher than 1metre off the ground. Note: Gas Vent Outlets must be of a free running nature.
Consumables:	Rock Salt, Descaler—Hydrochloric Acid— 10%.
Product:	Ecasol (1000ppm) & Aversol.
Maximum Production Capacity:	Ecasol: 50 l/hr @ pH7 ± 0.2—equivalent to 50g Oxidant/Hr Aversol: 1.8l/hr @ pH13.6 ± 0.2 Note: Manual descaling every 150,000 litres.
Inlet Connections:	Brine and Descaler: 8mm compression fitting.