ELECRO 700 EVO
Aquatic heater
1-kW to 8-kW

Features
- Fully equipped
- Easy installation
- Robust, durable construction
- Analogue control with 1.5 °C Differential
- Stainless steel heating elements
- 316 Stainless Steel flow tube
- Ultra-reliable flow switch allows safe operation as low as 1,000 ltr/h
- May be floor or wall mounted using swivel foot
- Control thermostat and safety thermal cut out (manual reset)
- 2 years conditional warranty

Construction
The ELECRO 700 EVO Aquatic heater is manufactured from top quality components and materials at the Elecro works in Hertfordshire, England and is renowned for being the most reliable unit available on the market.

Construction consists of a flow tube which is fitted with Inlet and Outlet mouldings manufactured from specially formulated polymer alloy material. Universal ABS unions are provided to allow solvent weld connection to the inlet and outlet pipe work. The outlet moulding accommodates a reversible flow switch with a gold tipped reed, and Titanium fulcrum pin.

The heater is supported on two swivel feet; these can swivel to permit either wall or floor mounting. The heater control components are positioned on the front face of the casing. The water inlet and outlet fittings can facilitate connection to either metric or imperial standard pipe. The inlet moulding has been designed to ensure full immersion of the elements, greatly reducing the risks of air locking.

Operation
The desired water temperature can be easily set on the 700 EVO heater using the panel-mounted thermostat dial. The single or three-phase power is supplied through a top quality Schneider contactor. Safety and equipment protection is provided by the highly reliable flow switch. Over-temperature protection is provided by the thermal cut out (manual reset).
**Specification & Models**

**Power supply:** 230V single phase or 400V three phase (other supply voltages available)

**Flow requirements:**
- Minimum flow = 1m³/h
- Maximum flow = 17m³/h

**Heating Elements:** Stainless Steel

**Flow tubes:** BS 316 Stainless Steel

**Control thermostat:** 0 > 40°C (1.5°C differential)

**Safety thermal cut out:** 55°C (manual reset)

**Flow switch:** Gold tipped reed switch with titanium fulcram pin

**Wiring:** High temperature, silicone sheathed, multi-strand copper conductors

**Contactor:** Schneider

**Seals:** Special formula high temperature polymer

**Water connections:** 1.5” BSP female thread supplied with 1½” to 50mm ABS unions

**Working pressure:** 4 barg maximum

**Mounting:** Floor or wall mounting

**Standards compliance:**
- European Electromagnetic Compatibility directive 89/336/EEC and 93/068/EEC
- The European Low Voltage Directive 72/23/EEC
- The Harmonised Standard EN 60335-2-35

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**Dimensions**

![Diagram of the product dimensions](image-url)