Elecro Evolution
Swimming Pool Heater
3-kW to 24-kW
Best of British design and engineering – the tried & tested Elecro Evolution is manufactured using the finest quality components and materials to the highest specification.

Elecro Evolution
Swimming Pool Heater
3-kW to 24-kW

The Elecro Evolution provides efficiency, safety, and above all reliability to effortlessly heat your pool to the desired temperature.

All Elecro electric heaters feature our unique and proven coiled heating element technology whereby a turbulent vortex is created in the water flow. This delivers outstanding efficiency and extended life expectancy by preventing the build up of mineral deposits on the heating element.

The ‘swivel’ foot design means you can rest the heater on the floor or mount it vertically on a wall for easy access to the user-friendly thermostat control, whereby you can make temperature changes accurate to 1°C.

Designed and manufactured to the highest specification, the Elecro Evolution pool heater is easy to install, easy to use and offers a robust and durable pool heating solution.

The desired pool temperature can be easily set on the Elecro Evolution heater using the analogue panel-mounted thermostat dial.

Product Overview
- Easy to install
- Robust & durable
- Safe & reliable
- Silent Operation
- Accuracy to 1°C with analogue control
- Titanium heating element
- BS316 Stainless steel flow tube (EN 1.4432)
- Available with titanium flow tube – suitable for sea water use
- Ultra-reliable flow switch allows safe operation as low as 1,000 litres per hour
- Floor or wall mountable
- Control thermostat and safety thermal cut-out with manual reset
- 3-year warranty
- 100% operational efficiency throughout product life

www.elecro.co.uk
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**Specification and Models**

- **Power supply:** 220V single phase, 230V/380V 1/3 phase
- **Flow requirements:**
  - Minimum flow: 3-kW to 6-kW = 1m³/h
  - 9-kW to 18-kW = 4m³/h
  - Maximum flow: 17m³/h
- **Heating elements:** Titanium, high MgO compaction
- **Flow tubes:** BS 316 or Stainless Steel (EN 1.4432) or Titanium
- **Central Thermostat:** 0° to 40°C (1°C differential)
- **Safety thermal cut out:** 55°C (manual reset)
- **Flow switch:** Gold tipped reed switch with Titanium fulcrum pin
- **Wiring:** High temperature, silicone sheathed, multi-strand copper conductors
- **Contactor:** Schneider
- **Seals:** Special formula high temperature polymer
- **Water connections:** 1½” BSP female thread supplied with 1½” tp 50mm ABS unions
- **Working pressure:** 4 bar maximum
- **Mounting:** Floor or wall mounting
- **Standards compliance:**
  - European Electromagnetic Compatibility directive 89/336/EEC and 93/068/EEC
  - Harmonised standards: EN 55014 - EN55104, EN5501, EN5502, CEI 801-4, CEI 801-2, CEI 801-3.
  - The European Low Voltage Directive 72/23/EEC
  - The Harmonised Standard EN 60335-2-35

### 230V 1 Phase

<table>
<thead>
<tr>
<th>Power Output</th>
<th>Load</th>
<th>Stainless Steel Flow Tube with Titanium Elements</th>
<th>Product code</th>
<th>Titanium Flow Tube with Elements</th>
<th>Product code</th>
<th>Dimension ‘L’</th>
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</thead>
<tbody>
<tr>
<td>3-kW</td>
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<td>BT83</td>
<td>T83</td>
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<td>4.5-kW</td>
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### 600V 3 Phase

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<th>Titanium Flow Tube with Elements</th>
<th>Product code</th>
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<th>Stainless Steel Flow Tube with Titanium Elements</th>
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<th>Product code</th>
<th>Dimension ‘L’</th>
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Elecro Engineering
– fluid dynamics

Elecro is a family-owned and managed, British manufacturer of quality swimming pool equipment including electric heaters, heat exchangers and ultraviolet sanitising units.

Our products are exported worldwide through our close partnerships with distributors.

Because innovation is at the heart of what we do we continue to invest heavily in research and development. We also invest in our people and are proud of our dedicated and expert team of technicians, designers and engineers, who help to continually deliver our state-of-the-art solutions and superior customer service.

At Elecro we also believe in redefining the idea of quality and engineer products that only utilise components sourced solely from Europe. We are leaders in innovative pool and spa applications and our mission is to deliver energy efficient, economic, robust and long-lasting solutions.

- Electric Swimming Pool Heaters
- Solar Swimming Pool Heaters
- Electric Spa Heater
- Aquatic & Tropical Marine Heaters
- Custom-Made Heaters
- Heat Exchangers
- Heating Controls
- UV Sanitisers

We are experts at what we do. Our experienced technical team are there to answer any queries and find the right products for you. Call us today.

www.elecro.co.uk

ENGINEERED IN GREAT BRITAIN