

# Electro Evolution

Swimming Pool Heater

3-kW to 24-kW

**ELECR0**

FLUID DYNAMICS

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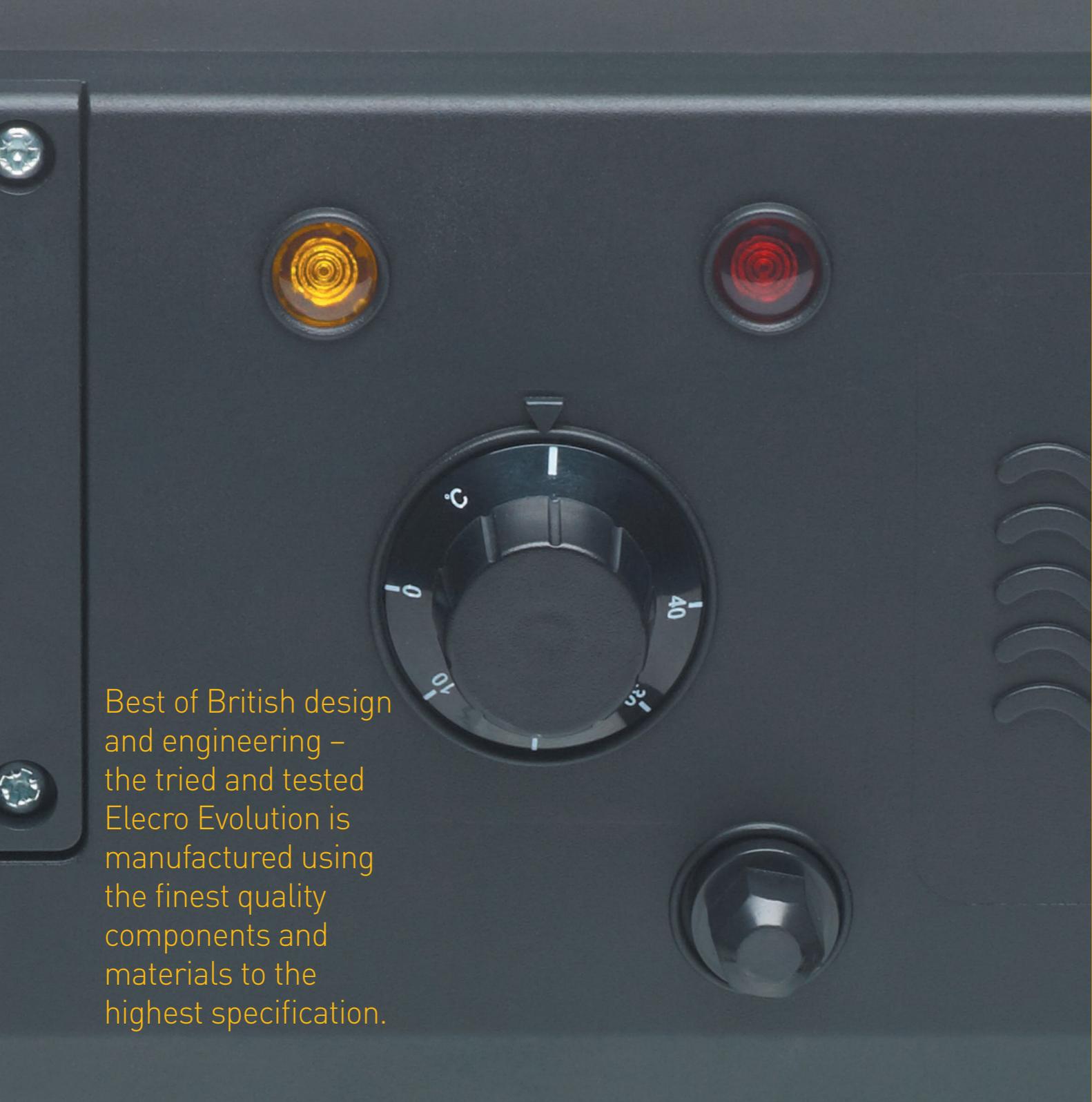
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Swimming Pool Heater

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 ENGINEERED IN GREAT BRITAIN



Best of British design and engineering – the tried and 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

## Product Overview

- Easy to install
- Robust and durable
- Safe and reliable
- Silent Operation
- Accuracy to 1°C with analogue control
- Titanium heating element
- BS 316L 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

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 analogue, thermostat control, where the desired pool temperature can easily be set 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.

# Electro Evolution

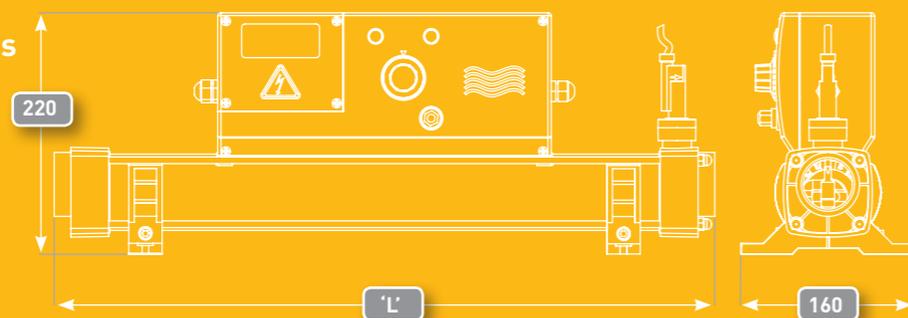
## Swimming Pool Heater

3-kW to 24-kW

### Specification and Models

<b>Power supply:</b>	220~240V single phase or 3 phase; 380~440V 3 phase
<b>Flow requirements:</b>	Minimum flow: 3-kW to 6-kW = 1m <sup>3</sup> /h 9-kW to 24-kW = 4m <sup>3</sup> /h Maximum flow: 17m <sup>3</sup> /h
<b>Heating elements:</b>	Titanium, high MgO compaction
<b>Flow tubes:</b>	BS 316L Stainless Steel (EN 1.4432) or Titanium
<b>Control Thermostat:</b>	0 ~ 40°C (1°C differential)
<b>Safety thermal cut out:</b>	55°C (manual reset)
<b>Flow switch:</b>	Gold tipped reed switch with Titanium fulcrum pin
<b>Wiring:</b>	High temperature, silicone sheathed, multi-strand copper conductors
<b>Contactor:</b>	<i>Schneider</i> Electric
<b>Seals:</b>	Special formula high temperature polymer
<b>Water connections:</b>	1 1/2" BSP female thread supplied with 1 1/2" to 50mm ABS unions
<b>Working pressure:</b>	4 bar maximum
<b>Mounting:</b>	Floor or wall mounting
<b>Standards compliance:</b>	European Electromagnetic Compatibility directive 89/336/EEC and 93/068/EEC
<b>Harmonised standards:</b>	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

### Dimensions



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230V 1 Phase Power Output	Load	Stainless Steel Flow Tube with Titanium Elements Product code	Titanium Flow Tube with Titanium Elements Product code	Dimension 'L'
3-kW	13-Amp	8T83	T83	462-mm
4.5-kW	20-Amp	8T84	T84	462-mm
6-kW	27-Amp	8T86	T86	462-mm
9-kW	40-Amp	8T89	T89	462-mm
12-kW	53-Amp	8T8A	T8A	462-mm
15-kW	66-Amp	8T8B	T8B	592-mm
18-kW	79-Amp	8T8C	T8C	592-mm

230V 1 Phase/400V 3 Phase Power Output	Load	Stainless Steel Flow Tube with Titanium Elements Product code	Titanium Flow Tube with Titanium Elements Product code	Dimension 'L'
6-kW	27/9-Amp	8T36V	T36V	592-mm
9-kW	40/13-Amp	8T39V	T39V	592-mm
12-kW	53/18-Amp	8T3AV	T3AV	592-mm

400V 3 Phase Power Output	Load	Stainless Steel Flow Tube with Titanium Elements Product code	Titanium Flow Tube with Titanium Elements Product code	Dimension 'L'
15-kW	22-Amp	8T3B	T3B	592-mm
18-kW	26-Amp	8T3C	T3C	592-mm
24-kW	35-Amp	8T3D	T3D	592-mm

230V 3 Phase Power Output	Load	Stainless Steel Flow Tube with Titanium Elements Product code	Titanium Flow Tube with Titanium Elements Product code	Dimension 'L'
6-kW	15-Amp	8T36-DELTA	T36-DELTA	592-mm
9-kW	23-Amp	8T39-DELTA	T39-DELTA	592-mm
12-kW	30-Amp	8T3A-DELTA	T3A-DELTA	592-mm
15-kW	38-Amp	8T3B-DELTA	T3B-DELTA	592-mm
18-kW	46-Amp	8T3C-DELTA	T3C-DELTA	592-mm



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# Electro Engineering – fluid dynamics

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

Electro 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 Electro 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.



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