

Electro In-Line+

Swimming Pool Heater with Ultra Efficient
Titanium Heating Elements

3-kW to 24-kW



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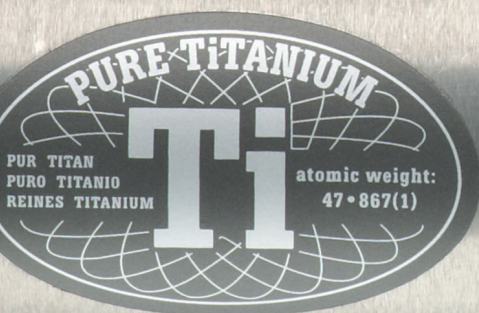
3-kW to 24-kW

ENGINEERED IN GREAT BRITAIN

ELECR

STURTFORDSHIRE, ENGLAND

The Elecro In-Line+ offers superior efficiency and durability. Using digital technology it also provides enhanced accuracy, reliability and safety.



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Product Overview

- Easy to install
- Simple to operate
- Robust & durable
- Safe & reliable
- Can be safely used on low & high flow-rate systems
- Digital control for increased accuracy featuring 'Priority Heating' filtration pump control
- 'Straight Flow' design for easy installation, lower pressure drop & higher flow
- Ultra-reliable digital flow signal
- Corrosion resistant titanium heating elements
- BS 316 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
- Safety thermal cut out with manual reset
- 3-year warranty
- 100% operational efficiency throughout product life

The innovative design and cutting-edge technology of the Elecro In-Line+ pool heater offers superior performance, accuracy and reliability.

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 Elecro In-Line+ is an enhanced version of the tried and tested Elecro Evolution pool heater, offering all the proven benefits of the Evolution model with even greater accuracy using a digital control that features a 'Priority Heating' facility. This ensures the pool water temperature remains constant. When activated, the control system starts both the pool circulation pump and heating process if necessary. Actual and required pool temperatures are displayed on a LCD screen.

The heater is either wall or floor-mountable. The water inlet and outlet fittings can facilitate connection to either metric or imperial standard pipes. The inlet moulding has been designed to eliminate the risk of air locking.

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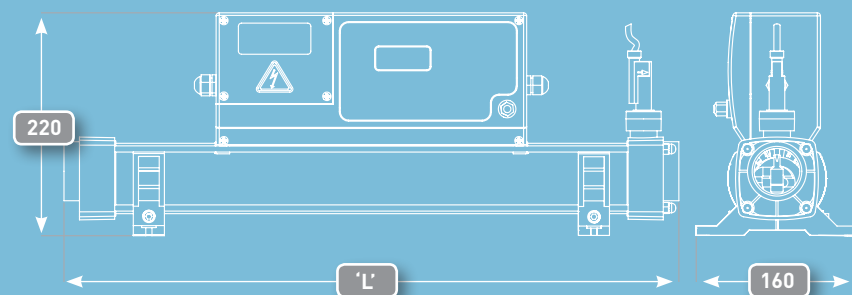
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3-kW to 24-kW

Specification and Models

Power supply:	230V single phase or 400V /230V three phase
Flow requirements:	Minimum flow: 3-kW to 6-kW = 1m ³ /h 9-kW to 24-kW = 4m ³ /h Maximum flow: 17m ³ /h
Heating Elements:	Titanium, high MgO compaction
Flow tubes:	BS 316 Stainless Steel EN(1.4432)
Control Thermostat:	0> 45°C (0.5°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:	<i>Schneider</i>
Seals:	High temperature special formula EPDM
Water connections:	1½" BSP supplied with 1½" to 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

Dimensions



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230V 1 Phase Power Output	Load	Product code	Dimension 'L'
3-kW	13-Amp	8T83D	462-mm
4.5-kW	20-Amp	8T84D	462-mm
6-kW	27-Amp	8T86D	462-mm
9-kW	40-Amp	8T89D	462-mm
12-kW	52-Amp	8T8AD	462-mm
15-kW	66-Amp	8T8BD	592-mm
18-kW	79-Amp	8T8CD	592-mm

400V 3 Phase Power Output	Load	Product code	Dimension 'L'
6-kW	9-Amp	8T36DV	592-mm
9-kW	13-Amp	8T39DV	592-mm
12-kW	18-Amp	8T3ADV	592-mm
15-kW	22-Amp	8T3BD	592-mm
18-kW	26-Amp	8T3CD	592-mm
24-kW	35-Amp	8T3DD	592-mm

230V 3 Phase Power Output	Load	Product code	Dimension 'L'
6-kW	15-Amp	8T36D-DELTA	592-mm
9-kW	23-Amp	8T39D-DELTA	592-mm
12-kW	30-Amp	8T3AD-DELTA	592-mm



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.

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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