Optima Compact Touchscreen

Swimming Pool Heater with Ultra Efficient Titanium Heating Elements

3-kW to 24-kW

HeatPumps 4Pools

ENGINEERED IN GR

Optima Compact

NO FLOW
13:46

22.6°C

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Product Overview

- Robust & durable
- Exceeds all known Global standards for safety and reliability
- Silent Operation
- Stay-clean vortex inducing Titanium heating elements
- Touch screen set -and-forget display
- Floor or wall mountable
- No servicing required
- 3-year warranty
- 100% operational efficiency throughout product life

The Elecro Optima Compact range comes with corrosion-resistant titanium heating elements, making it highly robust and durable.

The Optima Compact is designed and manufactured to the highest specifications at the Elecro works in Hertfordshire, England. Compact in design, robust and ultra-reliable, this heater is made to last, providing you the perfect pool temperature with easy to use controls

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 elements.

The Optima Compact range can be easily operated using the digital thermostat, accurate to 0.5°C. The inlet moulding has weir chambers which induce a vortexing action eliminating the risk of air locking and preventing encrustation build up on the heating elements; whilst the outlet moulding accommodates a flow switch with gold tipped reed, for ultimate reliability and safety. Over-heating is prevented by a manual-reset thermal safety cut-out.

The heater can be vertically wall-mounted using the supplied bracket, or free-standing on the floor.

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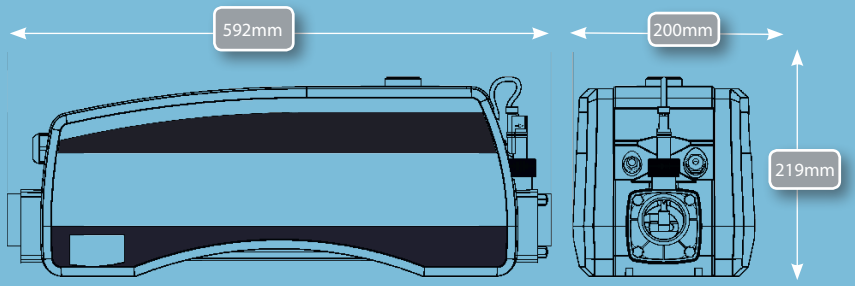
Specification & Models:

Flow requirements:	Minimum flow: 3-kW to 6-kW = 1m³/h
	9-kW to 24-kW= 4m³/h
	Maximum flow: 17m³/h
	Recommended: 10m³/h
Heating elements:	Titanium, low watts density
Flow tube:	Optima Compact = BS 316L Stainless Steel (EN1.4432)
	Optima Compact *plus* = Pure Titanium
Control thermostat:	BMS Integration Ready with touch screen control panel
Safety thermal cut out:	55° C (manual reset)
Flow switch:	Gold tipped reed switch with Titanium fulcrum pin
Contactors:	Cascade wired Dual *Schneider Electric* contactors
Wiring:	High temperature, silicone sheathed, multi-strand copper conductors
Seals:	High temperature special formula EPDM
Water connections:	1.5" BSP supplied with 1.5" to 50mm ABS unions
Working pressure:	4 bar maximum
Mounting:	Floor or wall mounting

Dimensions:



English

230V 1 Phase Power Output	Load	Optima Compact Touchscreen: Stainless Steel Flow Tubes w/Titanium Elements Product code:	Optima Compact *plus*: Titanium Flow Tube with Titanium Elements Product code
3 - kW	13- Amp	OCD-1-3	OCPD-1-3
6 - kW	27-Amp	OCD-1-6	OCPD-1-6
9 - kW	40-Amp	OCD-1-9	OCPD-1-9

230V ~ 400 1/3 Phase Power Output	Load	Optima Compact Touchscreen: Stainless Steel Flow Tubes w/Titanium Elements Product code:	Optima Compact *plus*: Titanium Flow Tube with Titanium Elements Product code
6 - kW	27/9- Amp	OCD-V-6	OCPD-V-6
9 - kW	40/13-Amp	OCD-V-9	OCPD-V-9
12 - kW	53/18-Amp	OCD-V-12	OCPD-V-12

400V 3 Phase Power Output	Load	Optima Compact Touchscreen: Stainless Steel Flow Tubes w/Titanium Elements Product code:	Optima Compact *plus*: Titanium Flow Tube with Titanium Elements Product code
15 - kW	22-Amp	OCD-3-15	OCPD-3-15
18 - kW	26-Amp	OCD-3-18	OCPD-3-18
24 - kW	35-Amp	OCD-3-24	OCPD-3-24

*Product codes shown are for Touchscreen, BMS intergration ready, models

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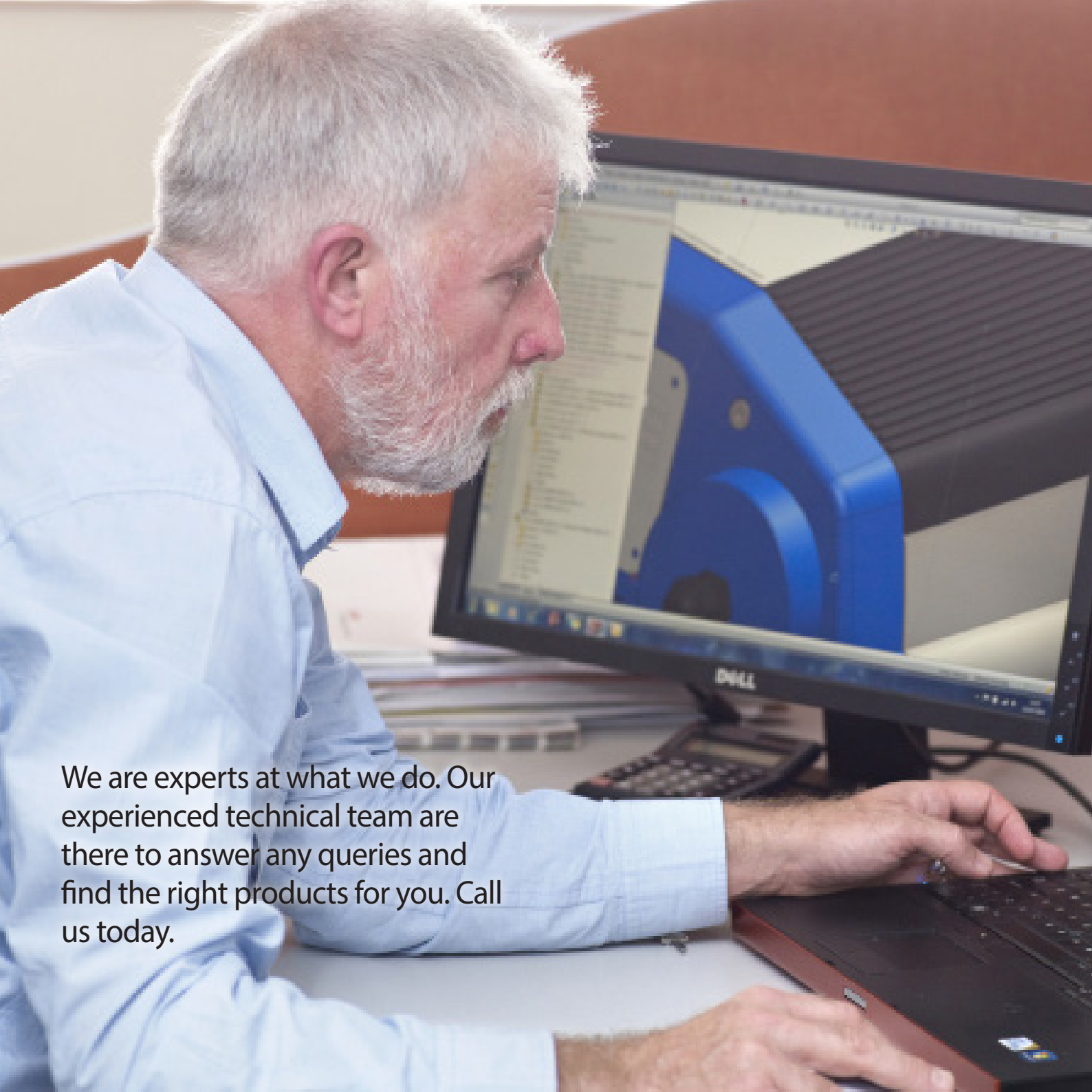
www.elecro.co.uk



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.

Elecro Engineering

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

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.

ENGINEERED IN GREAT BRITAIN

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ELECRO ENGINEERING

11 Gunnels Wood Park,
Stevenage, Hertfordshire,
SG1 2BH, United Kingdom

t: +44(0) 1438 749 474
f: +44(0) 1438 361 329
e: sales@elecro.co.uk.

www.elecro.co.uk