ELECRO ENGINEERING

Unit 3, G-Park, North Road, Stevenage,
Hertfordshire SG1 4GY
Sales@elecro.co.uk | +44 (0) 1438 749474
www.elecro.co.uk

MADE IN ENGLAND

OPTIMA COMPACT
(ALL TITANIUM)

The Optima Compact delivers everything you need in a pool heater - safety, reliability, efficiency and touchscreen digital programming for any modern lifestyle. A highly robust, durable construction, makes this a desirable solution for any residential pool or spa.

4G

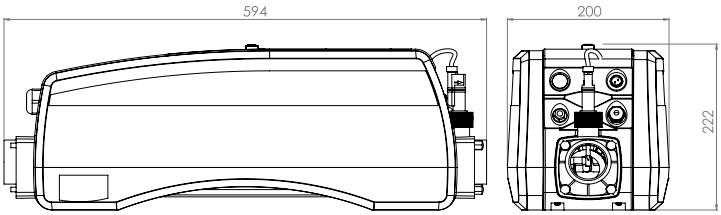
GET IT ON Google Play
Download on the App Store

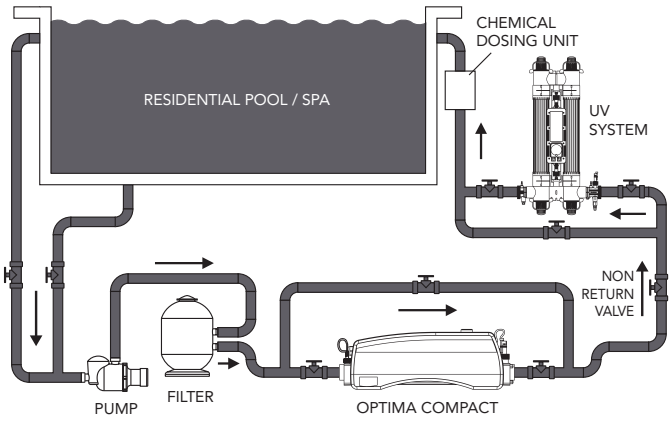
For connectivity, please refer to your device manual.

FEATURES

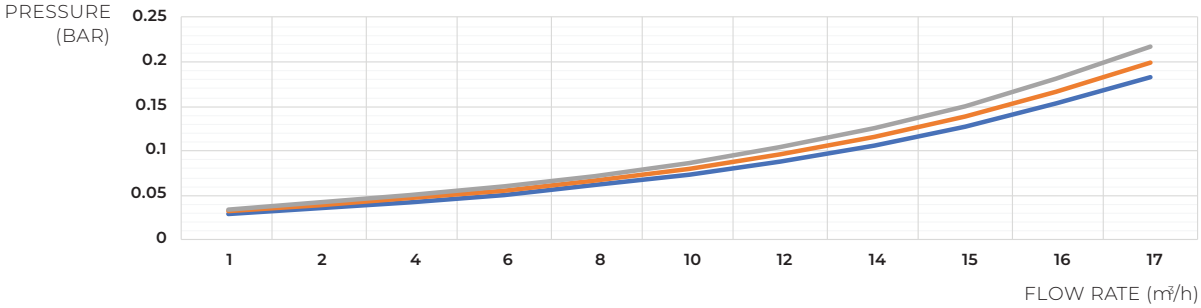
- 23 models available, ranging from 1-kW to 24-kW
- Easy installation, fully equipped and pre-wired
- Robust, durable construction
- Ultra-reliable flow switch allows safe operation
- Fitted with temperature thermostat and overheating sensor
- Compact, durable design
- Touchscreen control with soft-start for power supply protection
- Titanium flow tube and titanium heating element(s)
- Can be floor or vertically wall mounted
- Vortex, long life, stay clean heating element technology
- 100% efficiency throughout the product life
- Smartphone connection via Wi-Fi, 4G or Cloud
- Silent operation

TECHNICAL DRAWINGS





PRESSURE DROP



SPECIFICATIONS

POWER SUPPLY	Single phase or three phase
FLOW REQUIREMENTS	Minimum flow: 2-kW to 6-kW, 1m³/h Minimum flow: 9-kW to 24-kW, 4m³/h Maximum flow: 17m³/h
HEATING ELEMENT	Grade 1 titanium
FLOW TUBE	Grade 1 titanium
CONTROL THERMOSTAT	Touch Screen 0 > 45 °C (0.5°C differential)
SAFETY THERMAL CUT OUT	60°C (manual reset)
FLOW SWITCH	Rhodium tipped reed switch with titanium fulcrum pin
CONTACTORS	Dual Siemens 3RT2023 or 3RT2027
SEALS	High temperature special formula EPDM ferrules, TPE end fitting gaskets
WATER CONNECTIONS	1.5" BSP female thread supplied with 1½" / 50mm stepped PVC unions for rigid pipe and 1½" / 1¼" stepped hose tails for flexible pipe
INTERNATIONAL PROTECTION MARKING	IP44
FREQUENCY	50/60 Hz
WORKING PRESSURE	4 bar maximum
MOUNTING	Floor or wall mounting

MODELS

220-240V 1-PHASE	**LOAD**	**PRODUCT CODES**	**NET WEIGHT**	**GROSS WEIGHT**	**VOLUME**
Power Output	Amp		kg	kg	m³
1- kW	4.5	OCPD-1-1	7.19	8.83	0.057
2-kW	8.5	OCPD-1-2	7.19	8.83	0.057
3-kW	12	OCPD-1-3	7.19	8.83	0.057
4.5-kW	20	OCPD-1-4	7.19	8.83	0.057
6-kW	26	OCPD-1-6	7.19	8.83	0.057
9-kW	40	OCPD-1-9	7.51	9.15	0.057
12-kW	53	OCPD-1-12	7.51	9.15	0.057
15-kW	66	OCPD-1-15	7.84	9.48	0.057
18-kW	79	OCPD-1-18	7.84	9.48	0.057
VERSATILE 230/400V*					
6-kW	26/8.5	OCPD-V-6	7.72	9.36	0.057
9-kW	40/13	OCPD-V-9	7.72	9.36	0.057
12-kW	53/18	OCPD-V-12	7.72	9.36	0.057
400V 3-PHASE*					
15-kW	22	OCPD-3-15	7.72	9.36	0.057
18-kW	26	OCPD-3-18	7.72	9.36	0.057
24-kW	34	OCPD-3-24	7.72	9.36	0.057
220-230V 3-PHASE*					
6-kW	15	OCPD-3-6-D	7.72	9.36	0.057
9-kW	23	OCPD-3-9-D	7.72	9.36	0.057
12-kW	30	OCPD-3-12-D	7.72	9.36	0.057
15-kW	38	OCPD-3-15-D	7.72	9.36	0.057
18-kW	46	OCPD-3-18-D	7.72	9.36	0.057

* For voltages other than 400V please add: -380 or -415 at the end of a product code e.g: OCD-3-15-380
For any other voltages or custom builds, please contact our sales team **sales@elecro.co.uk**