

TEMPERATURE CONTROL 14/05

# OPTIMA COMPACT (ALL TITANIUM)

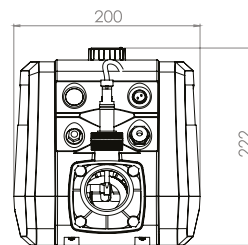
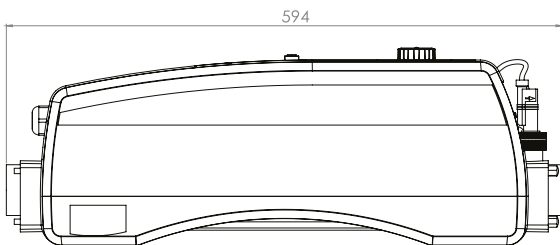
For the pool owner who demands the best – the Optima Compact delivers everything you need in a pool heater. Safety, reliability, efficiency and touchscreen digital programming for any modern lifestyle. A highly robust, durable construction, makes this a desirable solution for any residential pool or spa.



## ✓ Technical features

- Nine power options ranging from 2-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
- Can be floor or vertically wall mounted
- Vortex, long life, stay clean heating element technology
- 100% efficiency throughout the product life
- Silent operation

## 📏 Dimensions

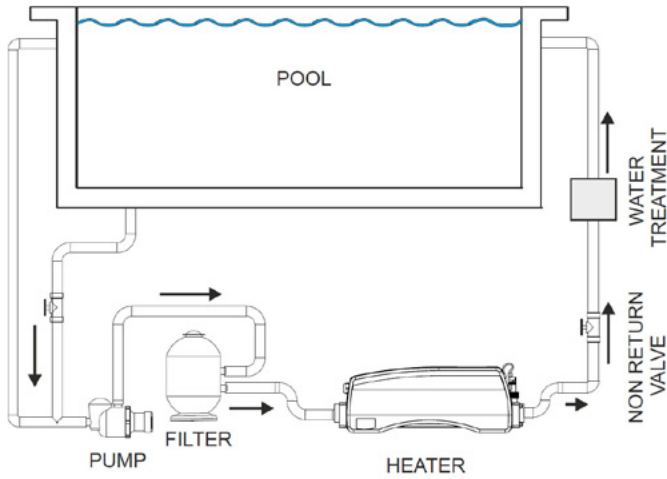


## 👁️ Specifications

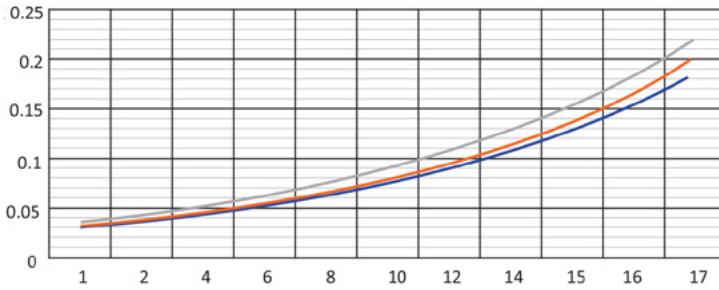
	SPECIFICATIONS
POWER SUPPLY	Single phase or three phase
FLOW REQUIREMENTS	Minimum flow: 2 kW to 6 kW, 1m³/h / Minimum flow: 9 kW to 24 kW, 4m³/h / Maximum flow: 17m³/h
HEATING ELEMENTS	Grade 1 titanium
FLOW TUBE	Grade 1 titanium
CONTROL THERMOSTAT	Touch Screen 0 > 45°C (0.5°C differential)
SAFETY THERMAL CUT OUT	60°C (Manual reset)
FLOW SWITCH	Rhodium tipped reed switch with titanium fulcrum pin
CONTACTOR	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 ABS unions for rigid pipe and 1½" / 1¼" stepped hose tails for flexible pipe
INGRESS PROTECTION MARKING	IP 44
FREQUENCY	50/60 Hz
WORKING PRESSURE	4 bar maximum
MOUNTING	Floor or wall mounting

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## System setup



## Pressure drop



- UP TO 6-KW SINGLE PHASE
- 9 & 12-KW SINGLE PHASE
- 15 & 18-KW SINGLE PHASE & ALL 3-PHASE

## Models

PRODUCT CODE	POWER OUTPUT kW	CURRENT	LOAD Amp	PACKING	WEIGHT kg	VOLUME m <sup>3</sup>
OCPD-1-2	2	220~240V Single phase	9	1	8.8	0.059
OCPD-1-3	3		13	1	8.8	0.059
OCPD-1-4	4.5		20	1	8.8	0.059
OCPD-1-6	6		27	1	8.8	0.059
OCPD-1-9	9		40	1	9.2	0.059
OCPD-1-12	12		53	1	9.2	0.059
OCPD-1-15	15		66	1	9.7	0.059
OCPD-1-18	18		79	1	9.7	0.059
OCPD-V-6	6	230~400V Single/3 phase	27/9	1	9.7	0.059
OCPD-V-9	9		40/13	1	9.7	0.059
OCPD-V-12	12		53/18	1	9.7	0.059
OCPD-3-15	15	400V 3 phase	22	1	9.7	0.059
OCPD-3-18	18		26	1	9.7	0.059
OCPD-3-24	24		35	1	9.7	0.059

Note: For other voltages in the 3phase heaters please add -415 or -380 after the code.



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