

ELECTRIC HEATERS

Optima Compact (All Titanium)

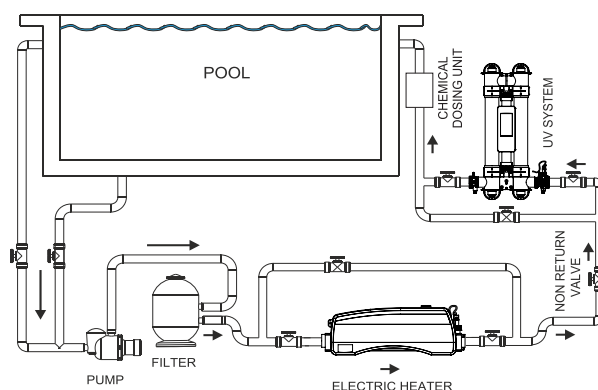
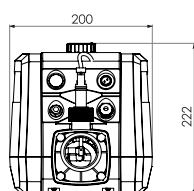
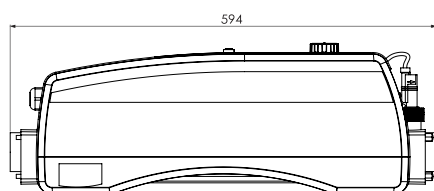
Top of the range comes with touchscreen, ideal for pools and spas. The Optima Compact fully titanium heater ensures maximum safety, reliability and efficiency, the design makes it highly robust and durable.

Features

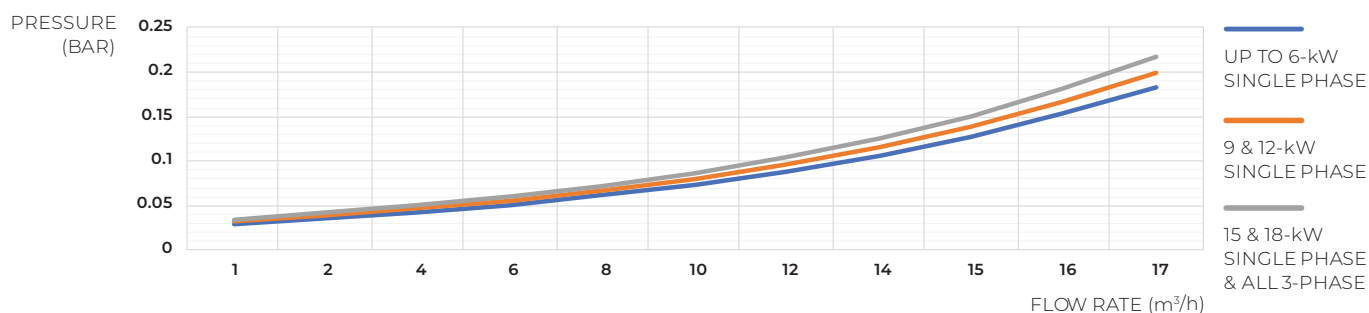
- Nine power options ranging from 2-kW to 24-kW
- 230/400V Versatile (for selected models) shall be used for 1ph/3ph connection.
- Easy installation, fully equipped and pre-wired
- Robust, durable construction
- Ultra-reliable flow switch allows safe operation
- Fitted with temperature thermostat and 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
- Silent operation



Technical drawings



Pressure drop



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Technical specification

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	Touchscreen 0 > 45°C (0.5°C differential)
Safety thermal cut out	60°C (manual reset)
Flow switch	Gold 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 ABS 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

Power Output	Load	Aqvastar code	Factory code	Net weight	Gross weight	Volume
	Amp			Kg	kg	m3
Versatile 230/400V*						
6-kW	27/9	ASOCH6S/T	OCPD-V-6	8.6	9.7	0.059
9-kW	40/13	ASOCH9S/T	OCPD-V-9	8.6	9.7	0.059
12-kW	53/18	ASOCH12S/T	OCPD-V-12	8.6	9.7	0.059
400V 3-Phase*						
18-kW	26	ASOCH18T	OCPD-3-18	8.6	9.7	0.059
24-kW	35	ASOCH24T	OCPD-3-24	8.6	9.7	0.059