

TEMPERATURE CONTROL 14/06

SFS JOEY (ALL TITANIUM)

Reliable, accurate and efficient, SFS Joey fully titanium heater by Eleco is the ideal choice for a long lasting heater for any application where water contains high TDS, debris laden water and flow rate is reduced. Ideal for commercial pools.

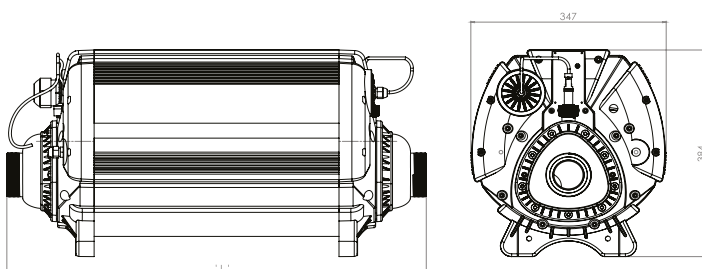


Technical features

- Various power options ranging from 18-kW to 120-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
- Analogue control with 1.2°C differential or digital control with 0.5°C differential
- Multi-lingual display
- 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

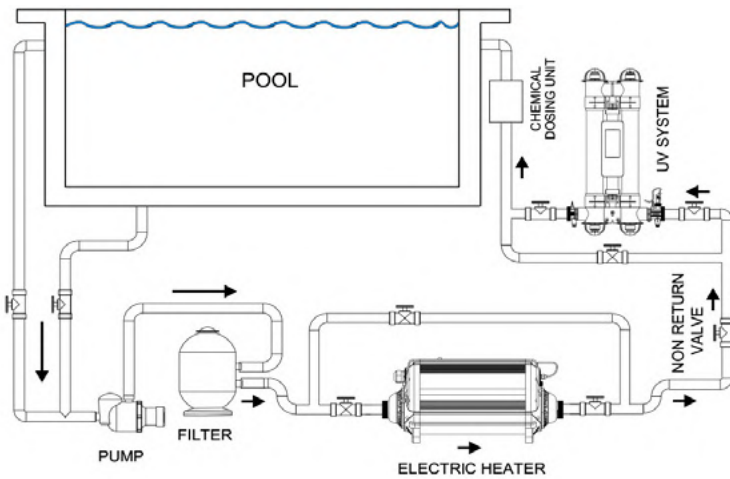


Specifications

	SPECIFICATIONS
POWER SUPPLY	Single phase or three phase
FLOW REQUIREMENTS	Minimum flow: 7m³/h / Maximum flow: 15m³/h / Recommended flow: 8m³/h
HEATING ELEMENTS	Grade 1 titanium
FLOW TUBE	Grade 1 titanium
CONTROL THERMOSTAT	Analogue: 0 > 45°C (1.2°C differential)/Digital: 0 > 45°C (0.5°C differential)
SAFETY THERMAL CUT OUT	65°C safety thermal cut out (auto reset) against enclosure over-temperature 60°C safety thermal cut out (manual reset)
FLOW SWITCH	Rhodium tipped reed switch with titanium fulcrum pin
CONTACTOR	Cascade wired dual Siemens 3RT2023 or 3RT2027 for each element bank
SEALS	High temperature special formula EPDM ferrules, TPE end fitting gaskets
WATER CONNECTIONS	63mm spigot with 2"/63mm stepped ABS unions
INGRESS PROTECTION MARKING	IP 44
FREQUENCY	50/60 Hz
WORKING PRESSURE	4 bar maximum
MOUNTING	Floor or wall mounting

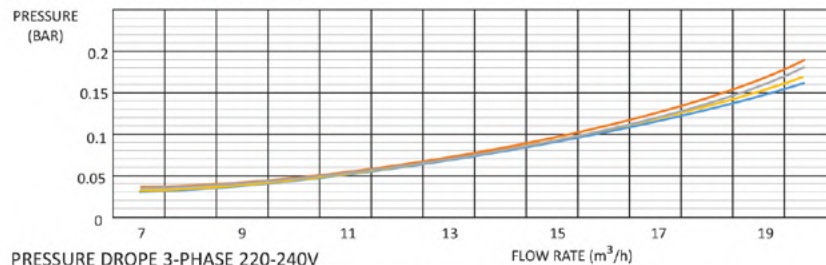


System setup



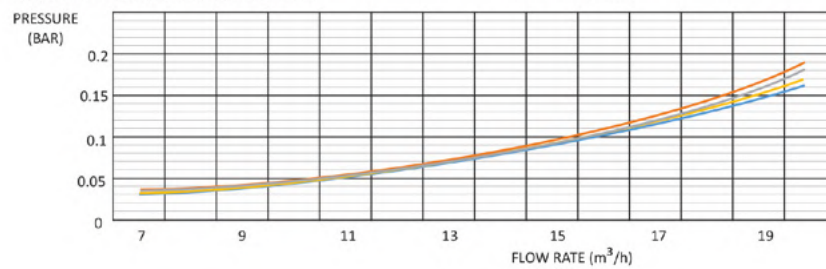
Pressure drop

PRESSURE DROPE 3-PHASE 380-415V



18,24,30 & 36-KW
45,54,60 & 72-KW
96-KW
120-KW

PRESSURE DROPE 3-PHASE 220-240V



18,24,30 & 36-KW
45 & 54-KW
90 & 72-KW
90-KW



Models

PRODUCT CODE	POWER OUTPUT kW	CURRENT	LOAD Amp	DIMENSIONS L	PACKING	WEIGHT kg	VOLUME m³
SFS-18	18	400V 3 phase	26	699	1	26	0.20
SFS-24	24		35	699	1	26	0.20
SFS-30	30		44	699	1	26	0.20
SFS-36	36		53	699	1	26	0.20
SFS-45	45		66	699	1	28	0.20
SFS-54	54		79	699	1	28	0.20
SFS-60	60		87	699	1	28	0.20
SFS-72	72		105	699	1	28	0.20
SFS-96	96		139	1042	1	44	0.28
SFS-120	120		174	1042	1	44	0.28
SFSD-18	18		26	699	1	26	0.20
SFSD-24	24		35	699	1	26	0.20
SFSD-30	30		44	699	1	26	0.20
SFSD-36	36		53	699	1	26	0.20
SFSD-45	45		66	699	1	28	0.20
SFSD-54	54		79	699	1	28	0.20
SFSD-60	60		87	699	1	28	0.20
SFSD-72	72		105	699	1	28	0.20
SFSD-96	96		139	1042	1	44	0.28
SFSD-120	120		174	1042	1	44	0.28

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

TEMPERATURE CONTROL 14/07

TITAN OPTIMA (ALL TITANIUM)

Reliable accurate and efficient, the Titan Optima fully titanium heater is top of the range and comes with a touchscreen display. It is the ideal choice for a long-lasting heater for commercial pools. The design makes it highly robust and durable.

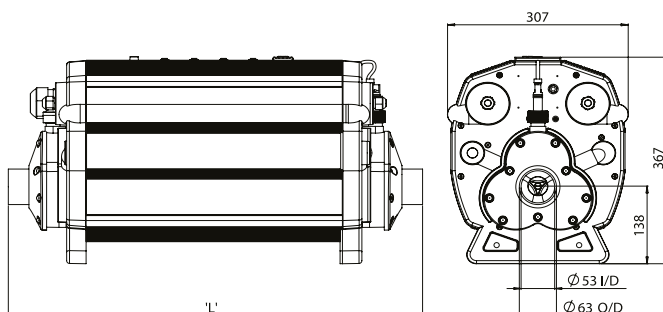


Technical features

- Various power options ranging from 18-kW to 120-kW
- Easy installation, fully equipped and pre-wired
- Robust, durable construction
- Ultra-reliable flow switch allows safe operation
- Supplied 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

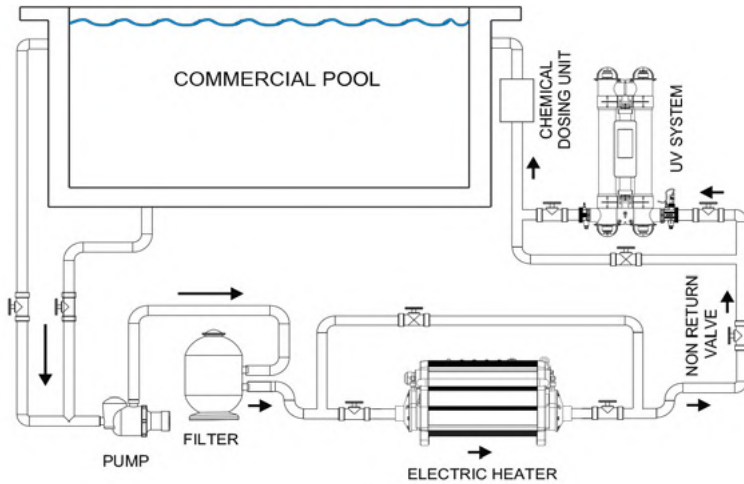


Specifications

	SPECIFICATIONS
POWER SUPPLY	Single phase or three phase
FLOW REQUIREMENTS	Minimum flow: 12m³/h / Recommended flow: 30m³/h / Maximum flow: 45m³/h
HEATING ELEMENTS	Grade 1 titanium
FLOW TUBE	Grade 1 titanium
CONTROL THERMOSTAT	Touchscreen 0 > 45°C (0.5°C differential)
SAFETY THERMAL CUT OUT	65°C safety thermal cut out (auto reset) against enclosure over-temperature 60°C safety thermal cut out (manual reset)
FLOW SWITCH	Rhodium tipped reed switch with titanium fulcrum pin
CONTACTOR	Cascade wired dual Siemens 3RT2023 or 3RT2027 for each element bank
SEALS	High temperature special formula EPDM ferrules, TPE end fitting gaskets
WATER CONNECTIONS	63mm spigot with 2"/63mm stepped ABS unions
INGRESS PROTECTION MARKING	IP 44
FREQUENCY	50/60 Hz
WORKING PRESSURE	4 bar maximum
MOUNTING	Floor or wall mounting

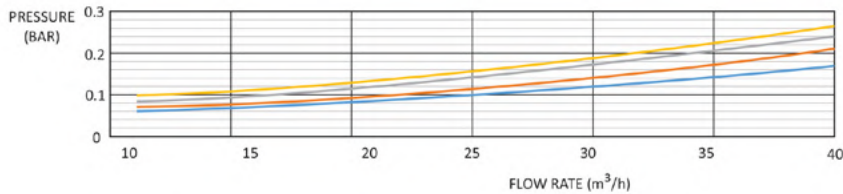


System setup

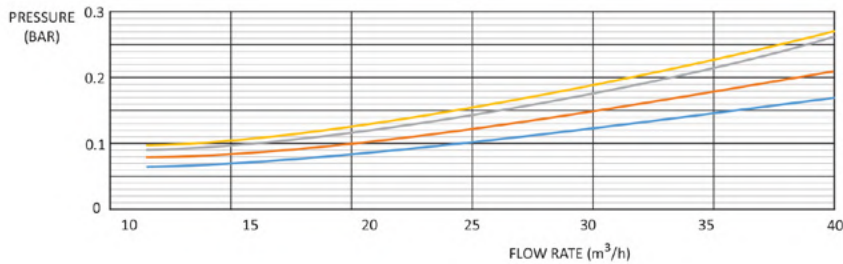


Pressure drop

PRESSURE DROPE 3-PHASE 380-415V



PRESSURE DROPE 3-PHASE 220-240V



Models

PRODUCT CODE	POWER OUTPUT kW	CURRENT	LOAD Amp	DIMENSIONS L	PACKING	WEIGHT kg	VOLUME m³
CP-TS-18	18	400V 3 phase	26	699	1	25.8	0.20
CP-TS-24	24		35	699	1	25.8	0.20
CP-TS-30	30		44	699	1	25.8	0.20
CP-TS-36	36		53	699	1	25.8	0.20
CP-TS-45	45		66	699	1	28.0	0.20
CP-TS-54	54		79	699	1	28.0	0.20
CP-TS-60	60		87	699	1	28.0	0.20
CP-TS-72	72		105	699	1	28.0	0.20
CP-TS-96	96		139	1042	1	43.8	0.28
CP-TS-120	120		174	1042	1	43.8	0.28

TEMPERATURE CONTROL 14/03 NANO SPLASHER (ALL TITANIUM)

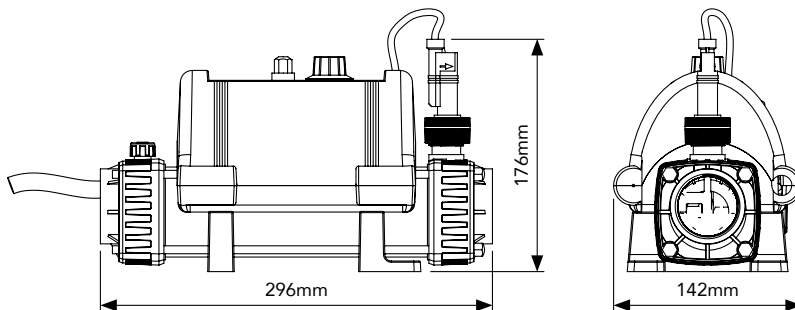
Specifically designed to ensure maximum safety, reliability and efficiency, the Nano Splasher fully titanium 'Plug & Play' heater is an ideal solution for soft and hard sided above-ground splasher pools.



✓ Technical features

- Available as 2-kW & 3-kW 'Plug & Play'
- Easy installation, fully equipped and pre-wired
- Robust, durable construction
- Ultra-reliable flow switch allows safe operation
- Supplied with temperature thermostat and overheating sensor
- Compact, durable design
- Analogue control with 1.2°C differential
- 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

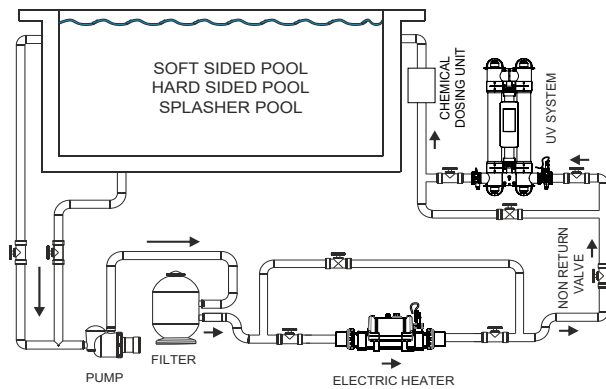


👁 Specifications

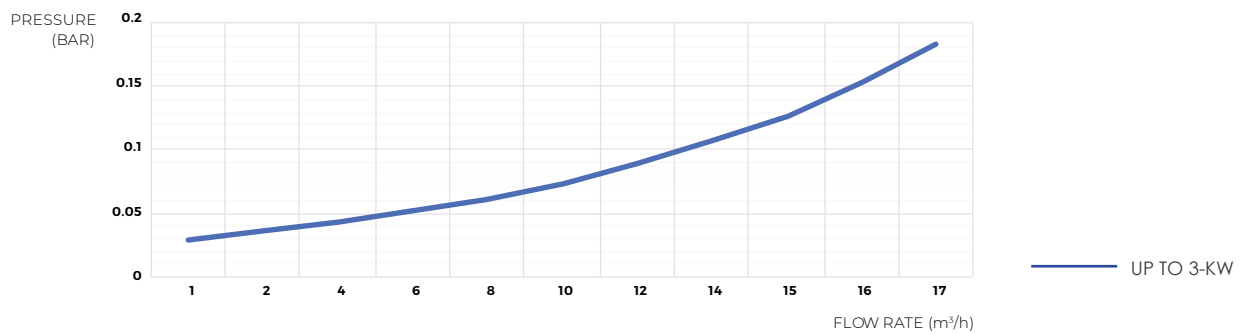
	SPECIFICATIONS
POWER SUPPLY	220-240V single phase
FLOW REQUIREMENTS	Minimum flow: 1m³/h. Maximum flow: 17m³/h
HEATING ELEMENTS	Grade 1 titanium
FLOW TUBE	Grade 1 titanium
CONTROL THERMOSTAT	Analogue: 0 > 45°C (1.2°C differential)
SAFETY THERMAL CUT OUT	60°C (Manual reset)
FLOW SWITCH	Rhodium tipped reed switch with titanium fulcrum pin
RELAY	Surface mount DPDT Finder 66.82.8.230.0000
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	IP 44
FREQUENCY	50/60 Hz
WORKING PRESSURE	4 bar maximum
MOUNTING	Floor or wall mounting



System setup



Pressure drop



Models

PRODUCT CODE	POWER OUTPUT kW	CURRENT	LOAD Amp	PACKING	WEIGHT kg	VOLUME m³
N-AGP-UK-T2	2	220~240V Single phase	9	1	22.5	0.125
N-AGP-UK-T	3		13	1	22.5	0.125



Head Office

AQUA S.p.A
42018 San Martino in Rio, Reggio Emilia
Italy - Via Crotti, 1
P: +39 0522 695805/85 - F: +39 0522 646160
aqua@aqua.it | www.aqua.it

AQUA S.p.A - POOL DIVISION
46043 Castiglione d. Stiviere, Mantova - Italy
P: +39 0376 671973 - F: +39 0376 940139
infopools@aqua.it | www.aqua.it



Branches

AQUA WATER SYSTEMS LTD
Unit 135 Oak Drive Hartlebury Trading Estate,
Worcestershire, DY10 4JB
P: +44 (0)1299 251050, F: +44 (0)1299 253704
sales@askaqua.co.uk | www.askaqua.co.uk

AQUA FILTRACION S.A.
Pol. Ind. Castellbisbal Sud 08755
Castellbisbal, Barcelona
P: +34 (0)93 7711855, F: +34 (0)93 7711772
info@aqua.es | www.aqua.es

AQUA SU ARITIMI SAN. VE MUH. TIC. LTD. STI.
Ferhatpasa Mahallesi Maresal Fevzi Cakmak
Cad. No:45 Pk.34888 Atasehir / Istanbul - Turkey
P: +90 216 661 60 60, F: +90 216 661 68 50
info@aqua.com.tr | www.aqua.com.tr

AQUA MIDDLE EAST FZC
1J-07/4 and 1J-07/3 - Hamriyah Free Zone
P.O.Box 42585 Sharjah - United Arab Emirates
P: +971 6 526 0563, F: +971 6 526 0564
contact@aqua-me.ae
www.aqua-me.ae

AQUA WATER SYSTEMS INDIA PVT LTD
4A/4B/4C-Puttappa Industrial Estate
Mahadevapura Post, White Field Road,
Bangalore 560 048
P: 0091 80 4152 1313, F: 0091 80 4152 1414
contact@aquaindia.in | sales@aquaindia.in
www.aquaindia.in

AQUA GROUP RUS
Juridical Address:
107014, Egerskaya str, 1, Moscow, Russia
Residence Address:
127081, Chermianskaya str, 3, Moscow, Russia
P: +7 495 6458078, F: +7 495 969 2413
mail@aqua-italy.ru | www.aqua-italy.ru
www.aqua.it

AQUA GROUP LLC
Office: Regus - Sarayat EL Maadi, Egypt
Management & Warehouse: Plot no 2-2nd service
axe, 2nd Industrial Zone, October, Egypt
P: +20 2 3820 2259 | info@aqua.eg

TEMPERATURE CONTROL 14/04

EVOLUTION 2 (ALL TITANIUM)

A fully titanium heater by Elecro, the Evolution 2, is the latest and upgraded version of the original Evolution. Boasting 100% efficiency, safety, and above all, reliability, this compact and robust unit will effortlessly heat your pool or spa to your desired temperature.

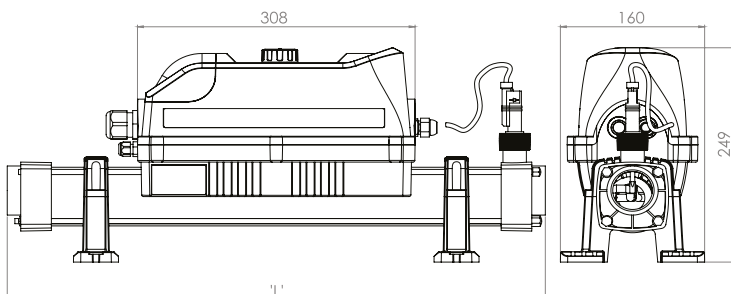


Technical features

- Ten power options ranging from 1-kW to 24-kW
- Easy installation, fully equipped and pre-wired
- Robust, durable construction
- Ultra-reliable flow switch allows safe operation
- Temperature thermostat and overheating sensor
- Compact, durable design
- Analogue control with 1.2°C differential or digital control with 0.5°C differential
- Multi-lingual display
- 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

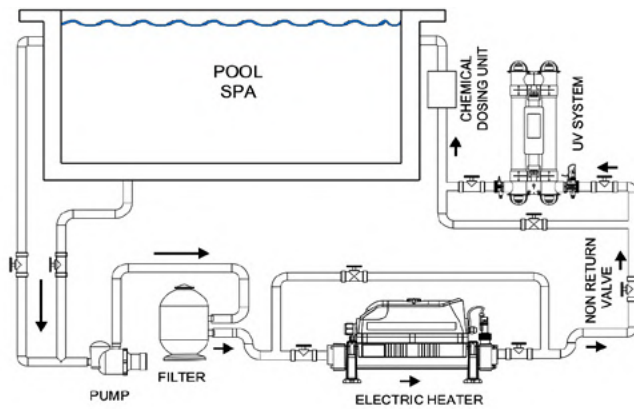


Specifications

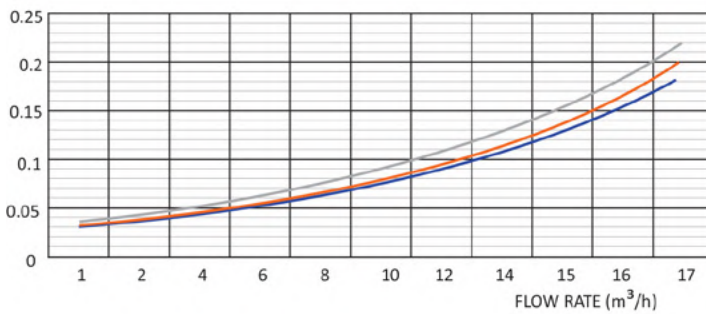
	SPECIFICATIONS
POWER SUPPLY	Single phase or three phase
FLOW REQUIREMENTS	Minimum flow: 2 kW to 6 kW, 1m³/h / Minimum flow: 9 kW to 24 kW, 4m³/h / Maximum flow: 17m³/h
HEATING ELEMENTS	Grade 1 titanium
FLOW TUBE	Grade 1 titanium
CONTROL THERMOSTAT	Analogue: 0 > 45°C (1.2°C differential) Digital: 0 > 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



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	DIMENSIONS L	PACKING	WEIGHT kg	VOLUME m³
E2-1-1	1	220~240V Single phase	6	462	1	5.5	0.059
E2-1-2	2		9	462	1	5.5	0.059
E2-1-3	3		13	462	1	5.5	0.059
E2-1-4	4.5		20	462	1	5.5	0.059
E2-1-6	6		27	462	1	5.5	0.059
E2-1-9	9		40	462	1	5.8	0.059
E2-1-12	12		53	462	1	5.8	0.059
E2-1-15	15		66	462	1	6.6	0.059
E2-1-18	18		79	462	1	6.6	0.059
E2-V-6	6	230~400V Single/3 phase	27/9	592	1	6.6	0.059
E2-V-9	9		40/13	592	1	6.6	0.059
E2-V-12	12		53/18	592	1	6.6	0.059
E2-3-15	15	400V 3 phase	22	592	1	6.6	0.059
E2-3-18	18		26	592	1	6.6	0.059
E2-3-24	24		35	592	1	6.6	0.059
E2D-1-1	1	220~240V Single phase	6	592	1	6.6	0.059
E2D-1-2	2		9	592	1	6.6	0.059
E2D-1-3	3		13	592	1	6.6	0.059
E2D-1-4	4.5		20	592	1	6.6	0.059
E2D-1-6	6		27	592	1	6.6	0.059
E2D-1-9	9		40	592	1	6.6	0.059
E2D-1-12	12		53	592	1	6.6	0.059
E2D-1-15	15		66	592	1	6.6	0.059
E2D-1-18	18		79	592	1	6.6	0.059
E2D-V-6	6	230~400V Single/3 phase	27/9	592	1	6.6	0.059
E2D-V-9	9		40/13	592	1	6.6	0.059
E2D-V-12	12		53/18	592	1	6.6	0.059
E2D-3-15	15	400V 3 phase	22	592	1	6.6	0.059
E2D-3-18	18		26	592	1	6.6	0.059
E2D-3-24	24		35	592	1	6.6	0.059

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

TEMPERATURE CONTROL 14/05

OPTIMA COMPACT (ALL TITANIUM)

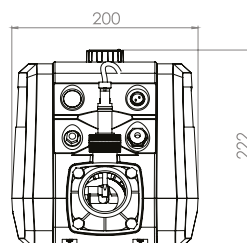
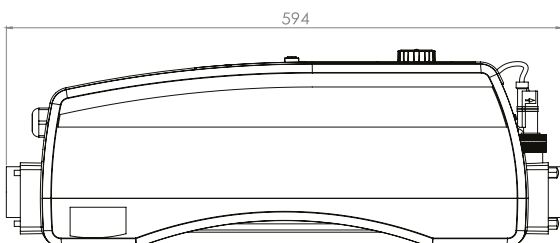
For the pool owner who demands the best – the Optima Compact delivers everything you need in a pool heater. Safety, reliability, efficiency and touchscreen digital programming for any modern lifestyle. A highly robust, durable construction, makes this a desirable solution for any residential pool or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

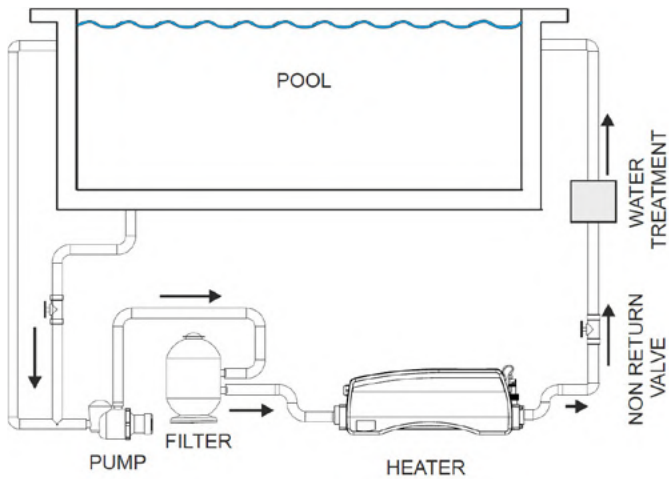


👁 Specifications

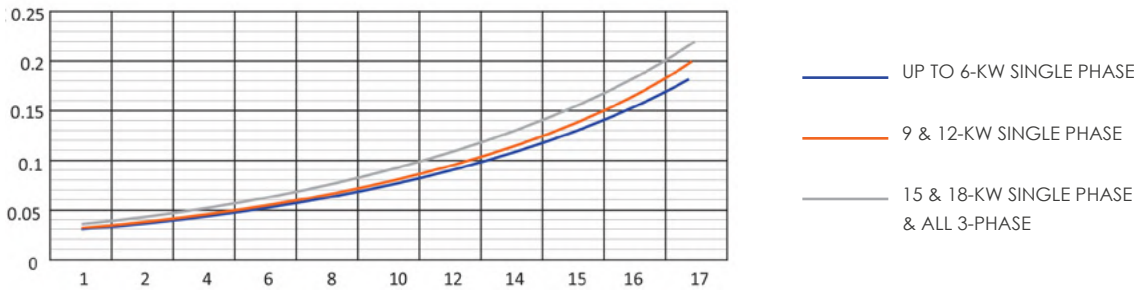
	SPECIFICATIONS
POWER SUPPLY	Single phase or three phase
FLOW REQUIREMENTS	Minimum flow: 2 kW to 6 kW, 1m³/h / Minimum flow: 9 kW to 24 kW, 4m³/h / Maximum flow: 17m³/h
HEATING ELEMENTS	Grade 1 titanium
FLOW TUBE	Grade 1 titanium
CONTROL THERMOSTAT	Touch Screen 0 > 45°C (0.5°C differential)
SAFETY THERMAL 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



System setup



Pressure drop



Models

PRODUCT CODE	POWER OUTPUT kW	CURRENT	LOAD Amp	PACKING	WEIGHT kg	VOLUME m³
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.