

TEMPERATURE CONTROL 14/04 EVOLUTION 2 (ALL TITANIUM)

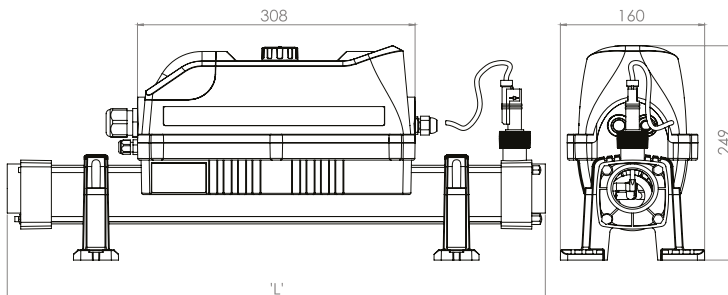
A fully titanium heater by Elecro, the Evolution 2, is the latest and upgraded version of the original Evolution. Boasting 100% efficiency, safety, and above all, reliability, this compact and robust unit will effortlessly heat your pool or spa to your desired temperature.



✓ 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

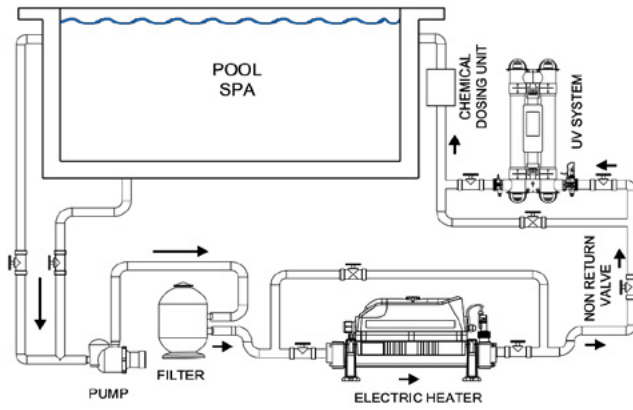


👁 Specifications

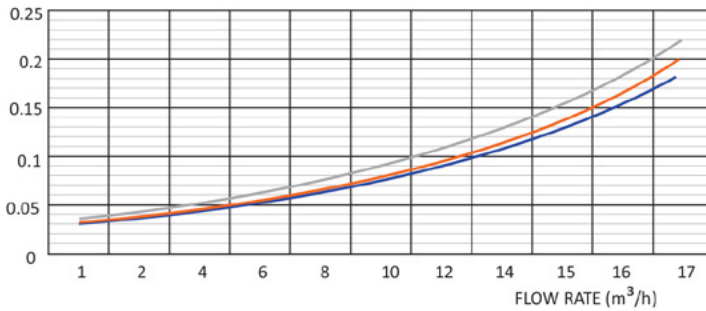
	SPECIFICATIONS
POWER SUPPLY	Single phase or three phase
FLOW REQUIREMENTS	Minimum flow: 2 kW to 6 kW, 1m³/h / Minimum flow: 9 kW to 24 kW, 4m³/h / Maximum flow: 17m³/h
HEATING ELEMENTS	Grade 1 titanium
FLOW TUBE	Grade 1 titanium
CONTROL THERMOSTAT	Analogue: 0 > 45°C (1.2°C differential) Digital: 0 >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

TEMPERATURE CONTROL

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 m ³
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.



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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



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 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



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