ELECRO ENGINEERING

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

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FLOWLINE 2
(ALL TITANIUM)

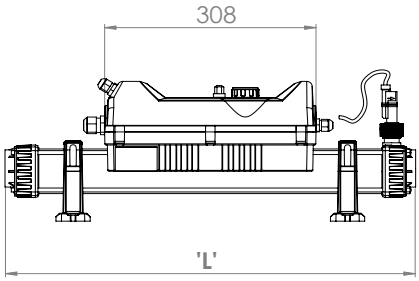
Reliable, accurate and efficient, the Elecro FlowLine 2 fully titanium heater is the ideal choice for in-ground pools, above-ground pools and spas.

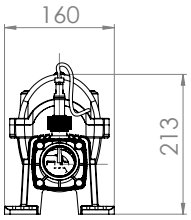


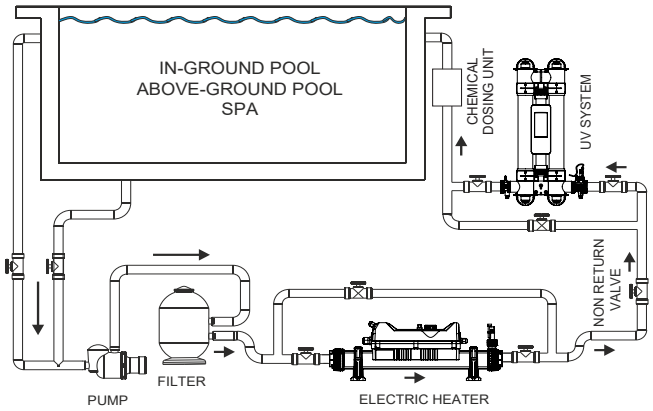
FEATURES

- Nine power options ranging from 2-kW to 24-kW
- Non-wired, requires connection to external contactor
- 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
- 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

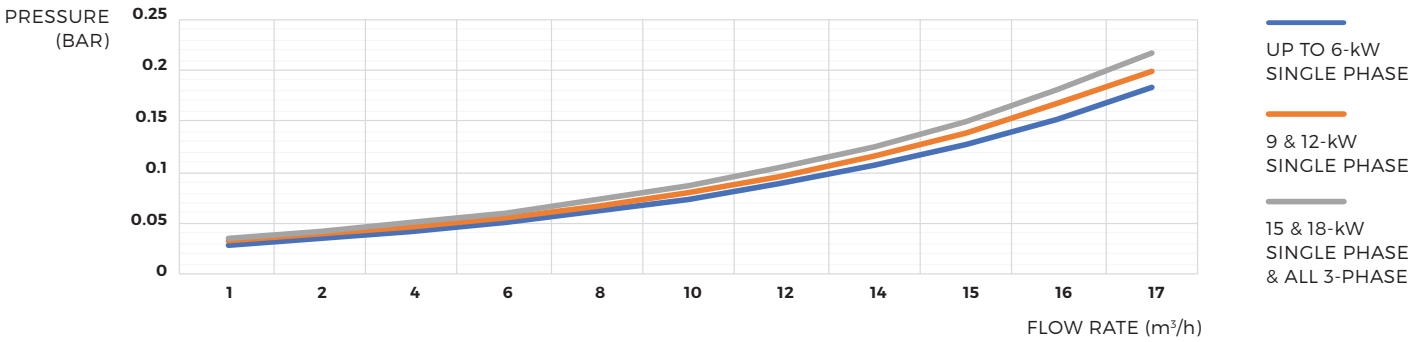
TECHNICAL DRAWINGS







PRESSURE DROP



SPECIFICATIONS

POWER SUPPLY	Single phase or three phase
FLOW REQUIREMENTS	Minimum flow: 3-kW & 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)
SAFETY THERMAL CUT OUT	60°C (manual reset)
FLOW SWITCH	Rhodium tipped reed switch with titanium fulcrum pin
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

220-240V 1-PHASE	**LOAD**	**PRODUCT CODES**	**DIMENSION 'L'**	**NET WEIGHT**	**GROSS WEIGHT**	**VOLUME**
Power Output	Amp		mm	kg	kg	m³
2-kW	8.5	FL2-1-2	462	2.936	4.23	0.0464
3-kW	13	FL2-1-3	462	2.936	4.23	0.0464
4.5-kW	20	FL2-1-4.5	462	2.936	4.23	0.0464
6-kW	26	FL2-1-6	462	2.936	4.23	0.0464
9-kW	40	FL2-1-9	462	3.236	4.53	0.0464
400V 3-PHASE *						
6-kW	9	FL2-3-6	592	3.656	4.95	0.0464
9-kW	13	FL2-3-9	592	3.656	4.95	0.0464
12-kW	18	FL2-3-12	592	3.656	4.95	0.0464
15-kW	22	FL2-3-15	592	3.656	4.95	0.0464
18-kW	26	FL2-3-18	592	3.656	4.95	0.0464
24-kW	34	FL2-3-24	592	3.656	4.95	0.0464
220-230V 3-PHASE						
6-kW	15	FL2-3-6-D	592	3.726	5.02	0.0464
9-kW	23	FL2-3-9-D	592	3.726	5.02	0.0464
12-kW	30	FL2-3-12-D	592	3.726	5.02	0.0464
15-kW	38	FL2-3-15-D	592	3.726	5.02	0.0464
18-kW	46	FL2-3-18-D	592	3.726	5.02	0.0464

* for voltages other than 400V please add: -380 or -415 at the end of a product code e.g: FL2-3-6-380