Vulcan
THE UK'S POOL HEATING & DISINFECTION SPECIALISTS

MADE IN BRITAIN

ALL TITANIUM

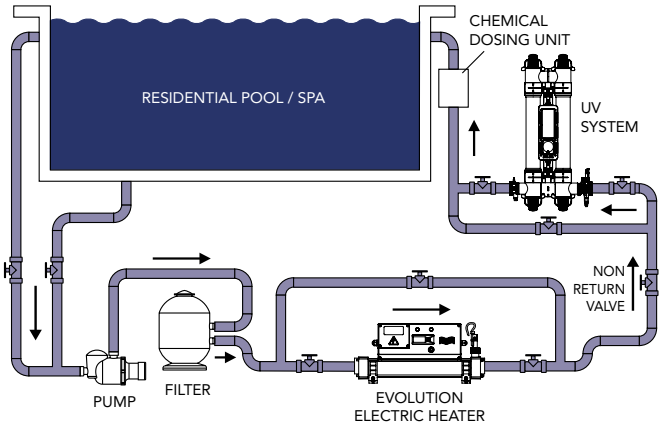
EVOLUTION

The Evolution is our most popular product in our Vulcan range, engineered for high performance, durability and reliability, to heat any pool or spa up to 45°C. It's compact design allows for easy placement in confined spaces, has the power to efficiently heat the pool water within a set number of hours, and is very simple to install. British made, provides assurrance that your pool heater is of superior quality and your investment is built to last.

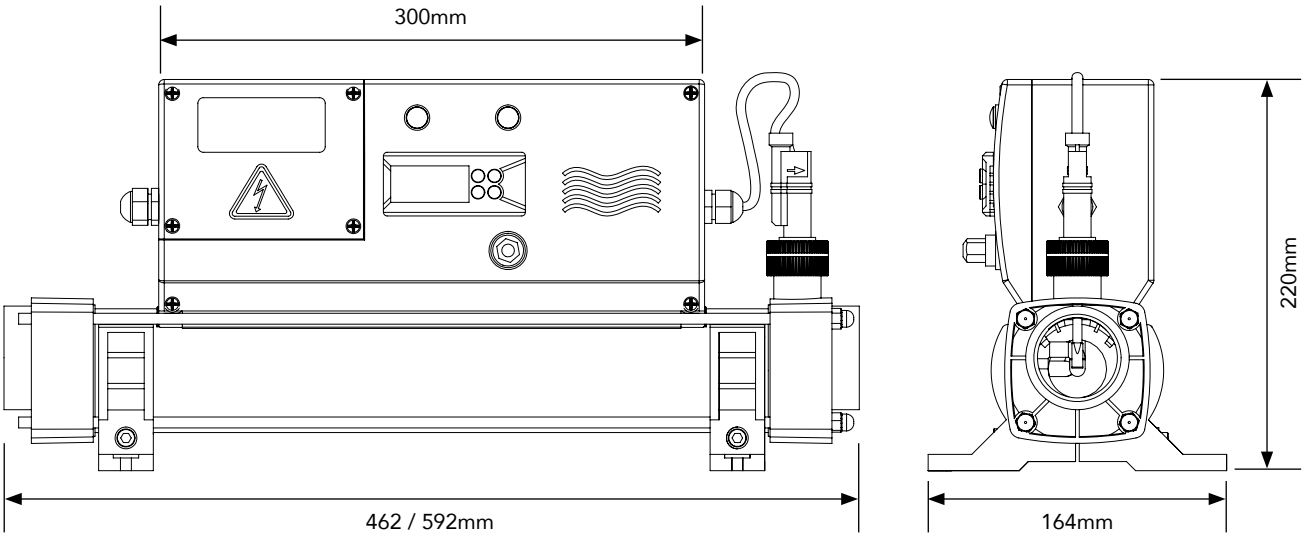
FEATURES

- 9 models available, ranging from 2-kW to 24-kW
- Easy installation, fully equipped and pre-wired
- Robust, durable construction and compact design
- Ultra-reliable flow switch for safe operation
- Fitted with temperature thermostat and overheating sensor
- Analogue control with 1.2°C differential or digital control with 0.5°C differential
- Titanium flow tube and titanium heating element(s)
- Vortex, long life, stay clean heating element technology
- 100% efficiency throughout the product life
- Sea and salt chlorinated water compatible
- Can be floor or vertically wall mounted
- Silent operation

SYSTEM SETUP



TECHNICAL DRAWINGS



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SPECIFICATIONS

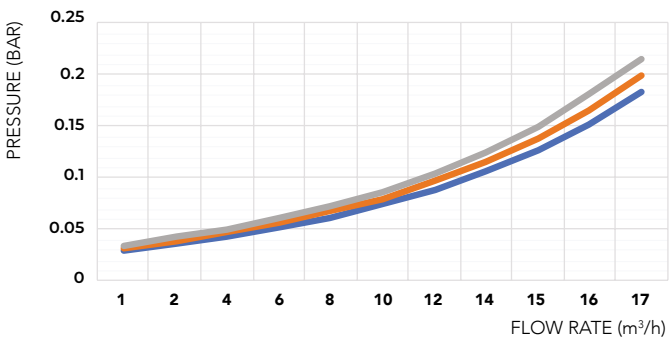
Power supply:	Single phase or 3-Phase
Min. flow rate:	3-kW to 6-kW: 1m³/h 9-kW to 24-kW: 4m³/h
Max. flow rate:	17m³/h
Heating element:	Grade 1 titanium
Flow tube:	Grade 1 titanium
Control thermostat:	0 > 45°C Analogue: 1.2°C differential Digital: 0.5°C differential
Safety thermal cut out:	60°C (manual reset)
Flow switch:	Rhodium tipped reed switch with titanium fulcrum pin
Seals:	High temperature special formula EPDM ferrules. TPE end fitting gaskets
Water connections:	1½" BSP female thread supplied with 1½"/50mm stepped PVC unions for rigid pipe and 1½"/1¼" stepped hose tails for flexible pipe
Ingress protection rating:	IP44
Frequency:	50/60 Hz
Working pressure:	4 bar maximum
Mounting:	Floor or wall mounting

MODELS

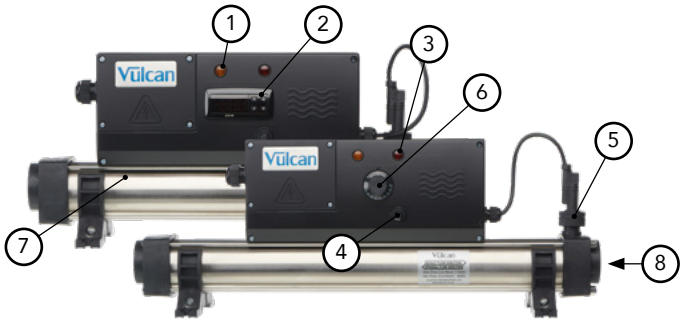
MODEL	POWER OUTPUT	LOAD (amp)	LENGTH (mm)	NET WEIGHT (kg)	GROSS WEIGHT (kg)	VOLUME (m³)	PRODUCT CODE	
							ANALOGUE	DIGITAL
220~240V 1-Phase	**2-kW**	8.5	462	3.5	4.3	0.039	V-8T82	V-8T82-D
	3-kW	13	462	3.5	4.3	0.039	V-8T83	V-8T83-D
	4.5-kW	20	462	3.5	4.3	0.039	V-8T84	V-8T84-D
	6-kW	26	462	3.5	4.3	0.039	V-8T86	V-8T86-D
	9-kW	40	462	3.8	4.6	0.039	V-8T89	V-8T89-D
	12-kW	53	462	3.8	4.6	0.039	V-8T8A	V-8T8A-D
	15-kW	66	592	4.1	5.1	0.049	V-8T8B	V-8T8B-D
	18-kW	79	592	4.1	5.1	0.049	V-8T8C	V-8T8C-D
Versatile* 230V 1-Phase 400V 3-Phase	**6-kW**	26/8.5	592	4.1	5.1	0.049	V-8T36V	V-8T36V-D
	9-kW	40/13	592	4.1	5.1	0.049	V-8T39V	V-8T39V-D
	12-kW	53/18	592	4.1	5.1	0.049	V-8T3AV	V-8T3AV-D
400V 3-Phase*	**15-kW**	22	592	4.1	5.1	0.049	V-8T3B	V-8T3B-D
	18-kW	26	592	4.1	5.1	0.049	V-8T3C	V-8T3C-D
	24-kW	34	592	4.1	5.1	0.049	V-8T3D	V-8T3D-D

*For voltages other than 400V, please add: -380 or -415 at the end of the product code eg. V-8T36-380

PRESSURE DROP



KEY PARTS



1. Standby indicator
2. Digital thermostat controller
3. Heater 'ON' indicator
4. Thermal safety cut-out reset switch
5. Flow switch
6. Analogue temperature dial
7. Titanium flow tube
8. Titanium heating element/s *(internal)*

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