Vulcan
THE UK'S POOL HEATING & DISINFECTION SPECIALISTS

MADE IN BRITAIN

ALL TITANIUM

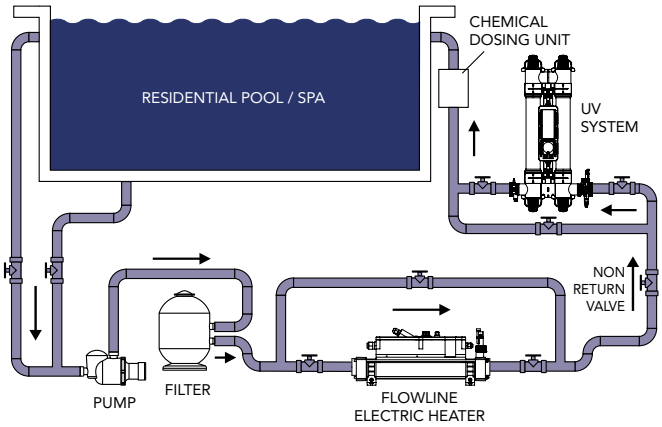
FLOWLINE

The Vulcan Flowline electric pool heater, with simple analogue control and silent operation is the ideal solution for any private/residential pool or spa. Designed by engineers with over 80 years of combined experience, this popular electric heater boasts all of the craftsmanship and stringent quality standards you would expect from a British manufacturing company - Reliability, durability, safety and efficiency.

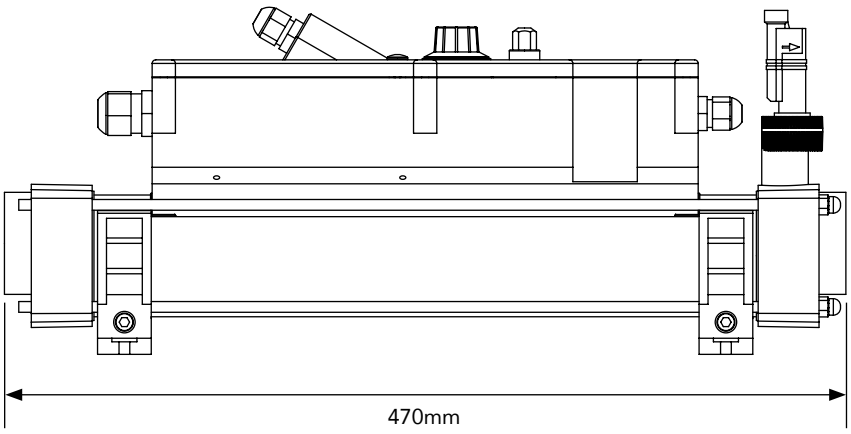
FEATURES

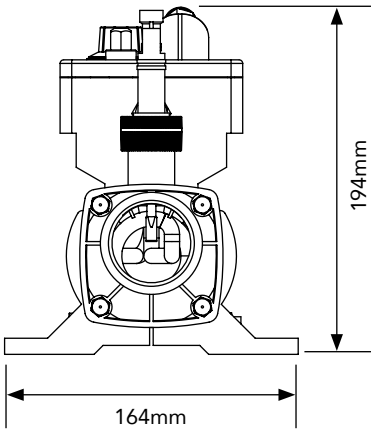
- 8 models available, ranging from 2-kW to 24-kW
- Non-wired. Requires connection to external contactor
- Robust, durable construction and compact design
- Ultra-reliable flow switch for safe operation
- Fitted with temperature thermostat and overheating sensor
- Analogue control with 1.2°C differential
- 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: 2-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: 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

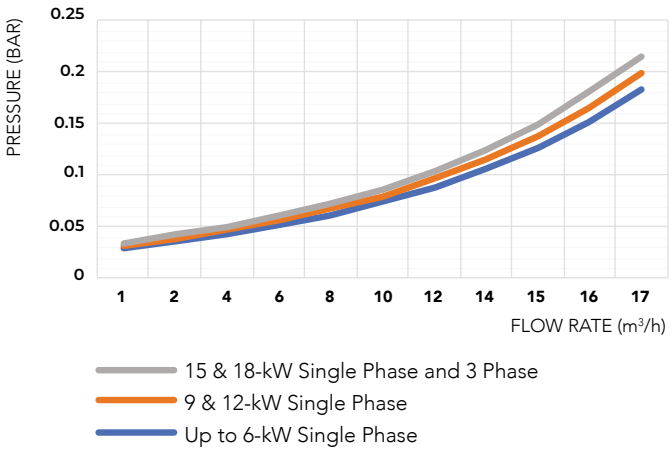
Seals: High temperature special formula EPDM ferrules. TPE end fitting gaskets
Water connections: 1½" BSP female thread supplied with 1½"/50mm stepped PVC unions for rigid pipe and 1½"/1¼" stepped hose tails for flexible pipe
Ingress protection rating: IP44
Frequency: 50/60 Hz
Working pressure: 4 bar maximum
Mounting: Floor or wall mounting

MODELS

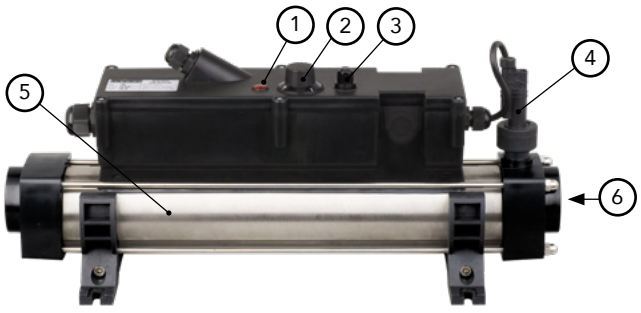
MODEL	POWER OUTPUT	LOAD (amp)	LENGTH (mm)	NET WEIGHT (kg)	GROSS WEIGHT (kg)	VOLUME (m³)	PRODUCT CODE
220-240V 1-Phase	2-kW	8.5	462	2.936	4.230	0.046	V-T82B
	3-kW	13	462	2.936	4.230	0.046	V-T83B
	6-kW	26	462	2.936	4.230	0.046	V-T86B
	9-kW	40	462	3.236	4.530	0.046	V-T89B
400V 3-Phase*	6-kW	9	592	3.656	4.950	0.046	V-T36B
	9-kW	13	592	3.656	4.950	0.046	V-T39B
	12-kW	18	592	3.656	4.950	0.046	V-T3AB
	15-kW	22	592	3.656	4.950	0.046	V-T3BB
	18-kW	26	592	3.656	4.950	0.046	V-T3CB
	24-kW	34	592	3.656	4.950	0.046	V-T3DB
220~240V 3-Phase	6-kW	15	592	3.726	5.020	0.046	V-T36B-D
	9-kW	23	592	3.726	5.020	0.046	V-T39B-D
	12-kW	30	592	3.726	5.020	0.046	V-T3AB-D
	15-kW	38	592	3.726	5.020	0.046	V-T3BB-D
	18-kW	46	592	3.726	5.020	0.046	V-T3CB-D

*For voltages other than 400V please add: -380 or -415 at the end of the product code e.g. V-T36B-380

PRESSURE DROP



KEY PARTS



1. Heater 'ON' indicator
2. Temperature set dial
3. Thermal safety cut-out reset switch
4. Flow switch
5. Titanium flow tube
6. Titanium heating element/s *(internal)*

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