Vulcan
THE UK'S POOL HEATING & DISINFECTION SPECIALISTS

MADE IN BRITAIN

UV-C STERILISER

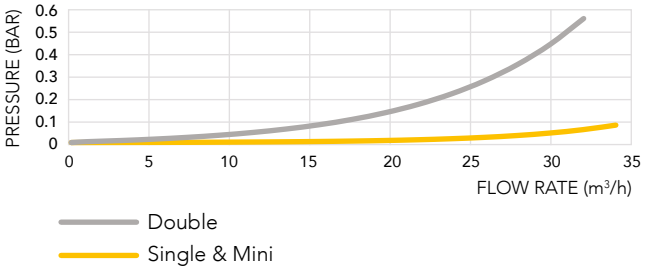
PRO POOL UV

Our Pro Pool UV disinfection system is super reflective, maximising ultraviolet light to effectively eliminate harmful microorganisms such as bacteria, viruses, fungi and algae. By integrating the Pro Pool UV into your swimming pool system, you can significantly reduce the reliance on traditional chemical sanitisers, such as chlorine or bromine, and minimise the associated harsh odours and skin irritation.

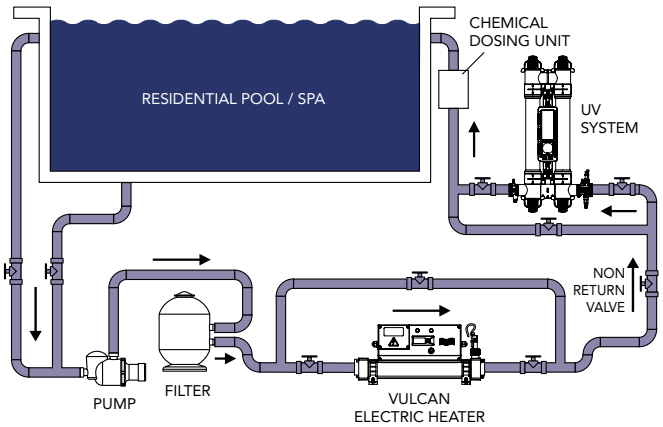
FEATURES

- Highest UV reflective index on the market equating to supreme efficiency
- Titanium reaction chamber is extremely repellent, maintaining UV reflectivity
- Up to 95% reflection amplifying the exposure of microorganisms to UV
- No harmful gases or by-products produced
- Neutralises bacteria, viruses, algae and fungai that traditional chemicals cannot
- Smart peristaltic dosing system for chlorine/hydrogen peroxide (Pro model only)
- Powerful disinfection and eliminates the smell of chlorine
- Reduces the need for chemicals in the pool by up to 60%
- Average lamp life expectancy: 2 years
- Equipped with intelligent lamp life indicator (Classic & Pro models only)
- Sea and salt chlorinated water compatible
- Available in three sizes: Mini (30m^3), Single (55m^3) and Double (110m^3)
- Models: Standard, Classic and Pro
- Vertical or horizontal mounting

PRESSURE DROP



SYSTEM SETUP



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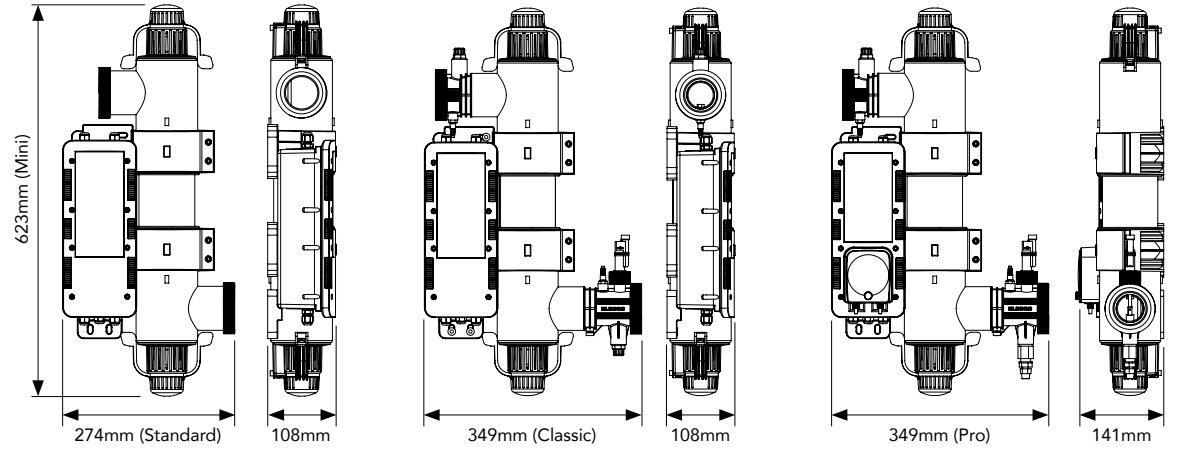
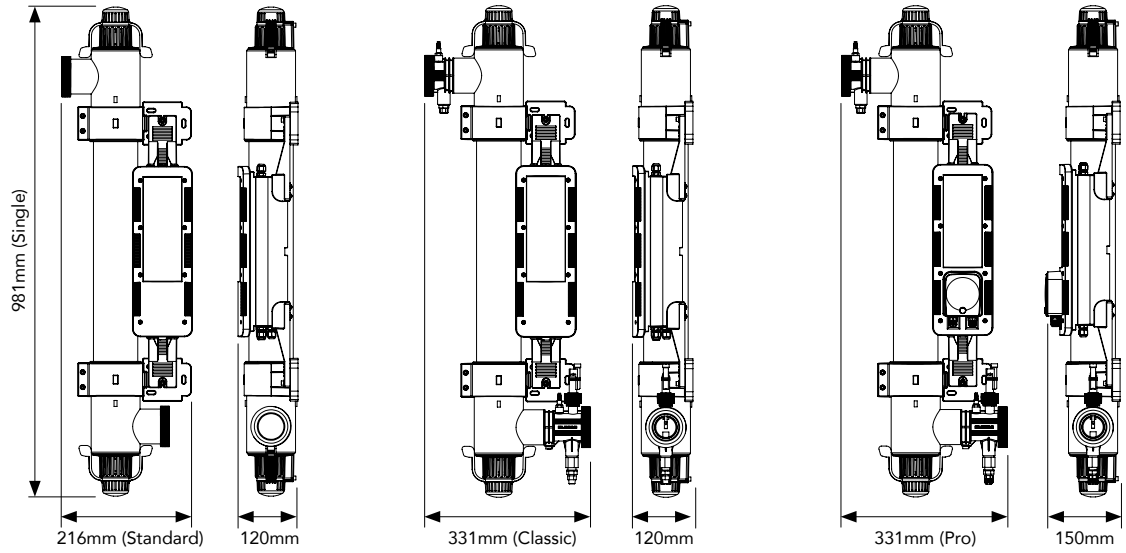
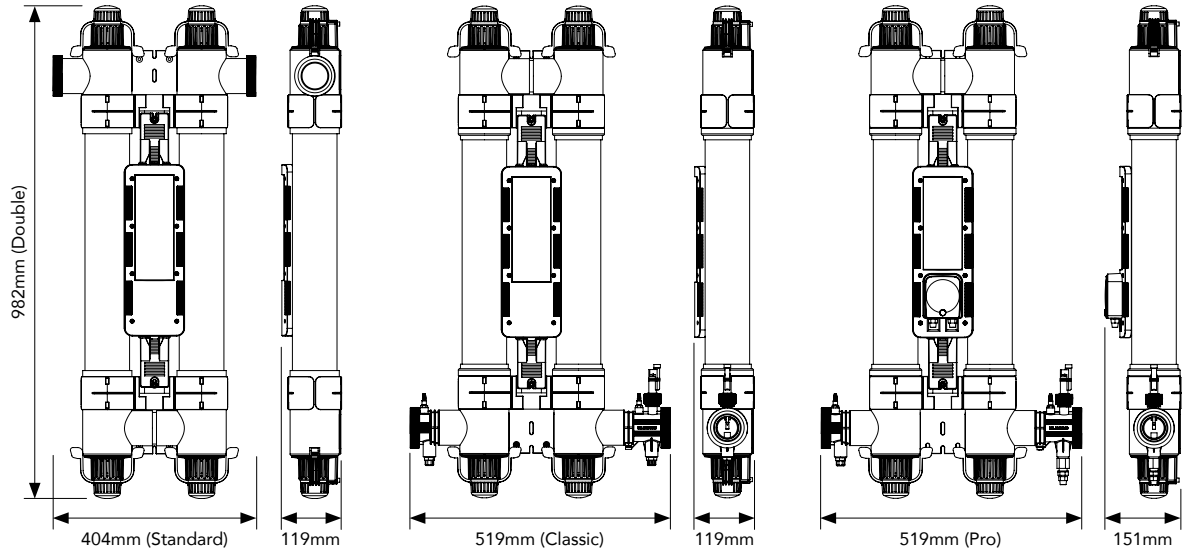
TECHNICAL DRAWINGS







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SPECIFICATIONS

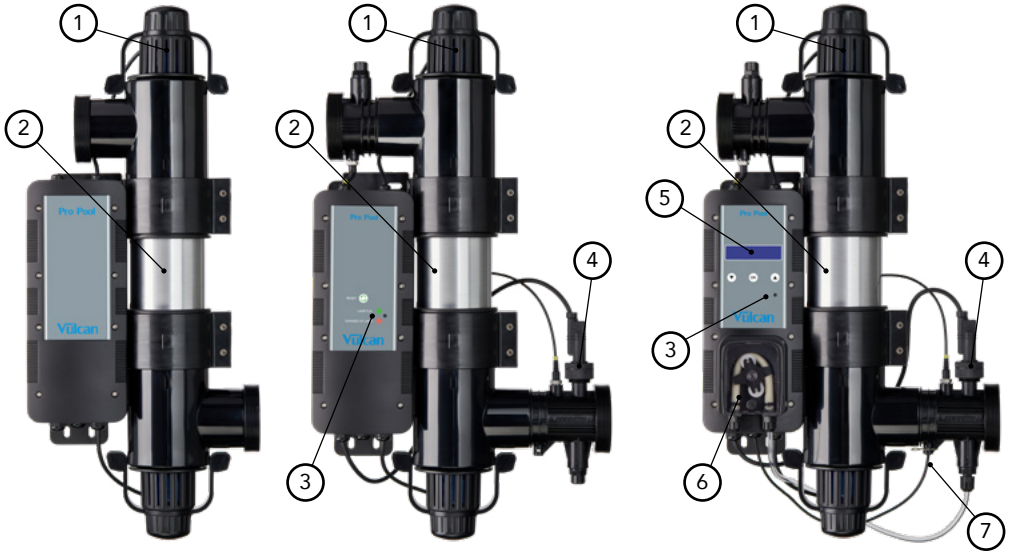
Power supply: Single Phase
Min. flow rate: 1.5m³/h
Max. flow rate: **Mini:** 12,000 litres per hour; 12m³/h
Single: 16,000 litres per hour; 16m³/h
Double: 32,000 litres per hour; 32m³/h
Max. pool size: **Mini:** 30,000 litres; 30m³
Single: 55,000 litres; 55m³
Double: 110,000 litres; 110m³
Max. power consumption: **Mini:** 40W
Single: 64W
Double: 128W

Lamp: UV-C (Low pressure/high output)
Lamp life: Up to 9,000 hours
Dosing rate: Exceeds the equivalent of 30mj/cm² at max. flow rate
Ingress protection rating: IP65
Frequency: 50/60 Hz
Working pressure: 3 Bar maximum
Water connections: 2"/63mm stepped ABS unions + reducers 1½"/50mm
Mounting: Vertical or horizontal wall mounting
Oxidisation processes: UV

MODELS

220-240V 1-Phase	MAX. POOL VOLUME	FEATURE	NET WEIGHT (kg)	GROSS WEIGHT (kg)	VOLUME (m³)	PRODUCT CODE			
						No Plug	UK Plug (Type G)	Euro Plug (Type F)	USA Plug (Type B)
Mini (30 Watts)	**30**	Standard	5.9	7.8	0.08	V-PP1-30	-	-	-
	30	Classic	6.1	8.0	0.08	-	V-PP2-30-UK	V-PP2-30-EU	V-PP2-30-USA
	30	Pro	6.4	8.3	0.08	-	V-PP3-30-UK	V-PP3-30-EU	V-PP3-30-USA
Single (55 Watts)	**50**	Standard	6.4	9.0	0.11	V-PP1-55	-	-	-
	50	Classic	6.6	9.2	0.11	-	V-PP2-55-UK	V-PP2-55-EU	V-PP2-55-USA
	50	Pro	6.9	9.6	0.11	-	V-PP3-55-UK	V-PP3-55-EU	V-PP3-55-USA
Double (110 Watts)	**100**	Standard	10.2	13.7	0.15	V-PP1-110	-	-	-
	100	Classic	10.4	13.9	0.15	-	V-PP2-110-UK	V-PP2-110-EU	V-PP2-110-USA
	100	Pro	10.9	14.3	0.15	-	V-PP3-110-UK	V-PP3-110-EU	V-PP3-110-USA

KEY PARTS



'Standard' 'Classic' 'Pro'

1. UV-C lamp (Internal)
2. Flow tube
3. Lamp life indicator
4. Ultra-reliable flow switch
5. Digital display
6. Dosing pump
7. Temperature sensor

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