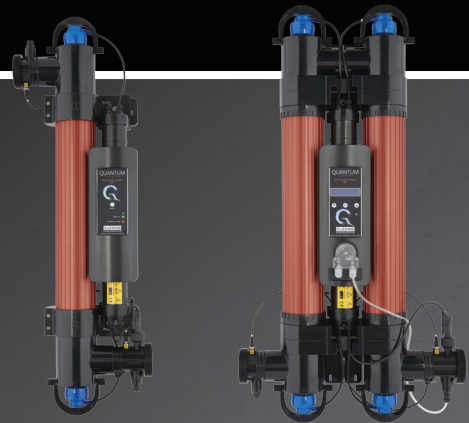


QUANTUM

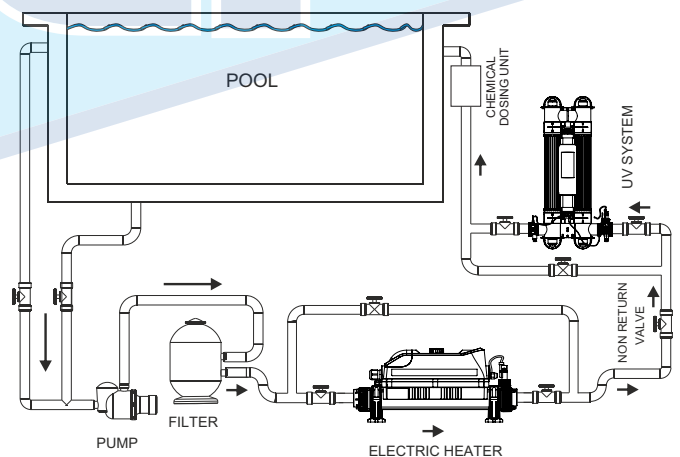
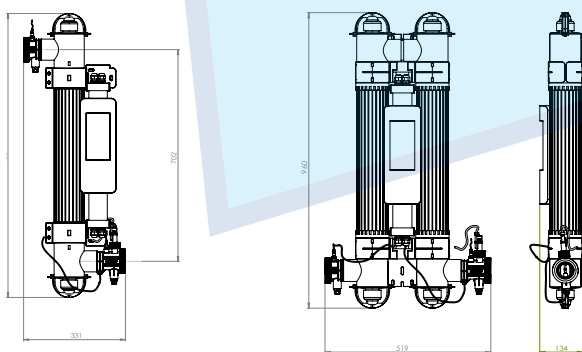
Quantum uses new ceramic Nano Crystal technology, a prime focus of the science world today; possessing the power to sterilise sewage into drinking water without the use of chemicals.



FEATURES

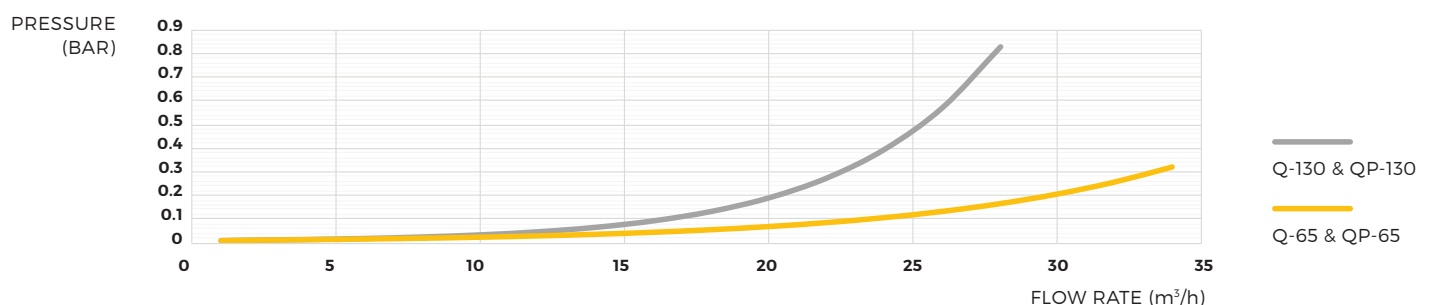
- Photocatalytic TiO₂/Mo oxidiser and clarifier
- Combined photocatalytic, hydroxyl radical and UV technology
- Eliminates contaminants, leaving water looking fresh and clean
- Reduces the need for chemicals in the pool
- Keeps your family safe from dangerous microorganisms such as cryptosporidium, adenoviruses and naegleria fowleri
- Optional smart peristaltic dosing system for chlorine and hydrogen peroxide
- Powerful sterilisation and eliminates the smell of chlorine
- Average lamp life expectancy: 2 years
- Equipped with intelligent lamp life indicator
- Salt and sea water compatible

TECHNICAL DRAWINGS



PRESSURE DROP

PRESSURE DROP PRIMARY CIRCUIT



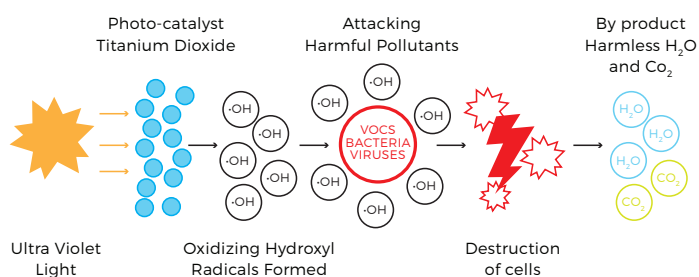
SPECIFICATIONS

POWER SUPPLY	100V ~ 240V
MIN. FLOW RATE	4m ³ /h
MAX. FLOW RATE	Single Tube: 14,000 litres per hour; 14 m ³ /h Double Tube: 28,000 litres per hour; 28 m ³ /h
MAX. POOL SIZE	Single Tube: 65,000 litres; 65m ³ Double Tube: 130,000 litres; 130m ³
MAX. POWER CONSUMPTION	Single Tube: 64W Double Tube: 128W
LAMP	Low pressure / high output
LAMP LIFE	14,000 hours
DOSING RATE	Exceeds the equivalent of 30mj/cm ² at max. flow rate
INGRESS PROTECTION RATING	IP64
FREQUENCY	50/60 Hz
WORKING PRESSURE	3 Bar maximum
WATER CONNECTIONS	2" / 63mm stepped ABS unions + reducers 1½" / 50mm
SALT WATER	100% sea water safe
MOUNTING	Floor or wall mounting
OXIDISATION PROCESSES	Quantum photocatalytic oxidiser (PCO) & hydroxyl radicals (HO)

MODELS

100-240V 1-PHASE	MAX. POOL VOLUME	PRODUCT CODES			FEATURES	NET WEIGHT	GROSS WEIGHT	VOLUME
		UK Plug Type G	Euro Plug Type F	USA Plug Type B				
Lamp Output	m ³					kg	kg	m ³
55 WATTS	65	Q-65-UK	Q-65-EU	Q-65-USA	Analogue lamp life indicator & reset switch	7.1	9.7	0.11
110 WATTS	130	Q-130-UK	Q-130-EU	Q-130-USA	Analogue lamp life indicator & reset switch	11.6	15.1	0.15
55 WATTS	65	QP-65-UK	QP-65-EU	QP-65-USA	Digital lamp life countdown with intelligent dosing pump	7.4	10.1	0.11
110 WATTS	130	QP-130-UK	QP-130-EU	QP-130-USA	Digital lamp life countdown with intelligent dosing pump	11.9	15.5	0.15

PHOTOCATALYTIC OXIDATION



OXIDISATION STRENGTH (EV)

