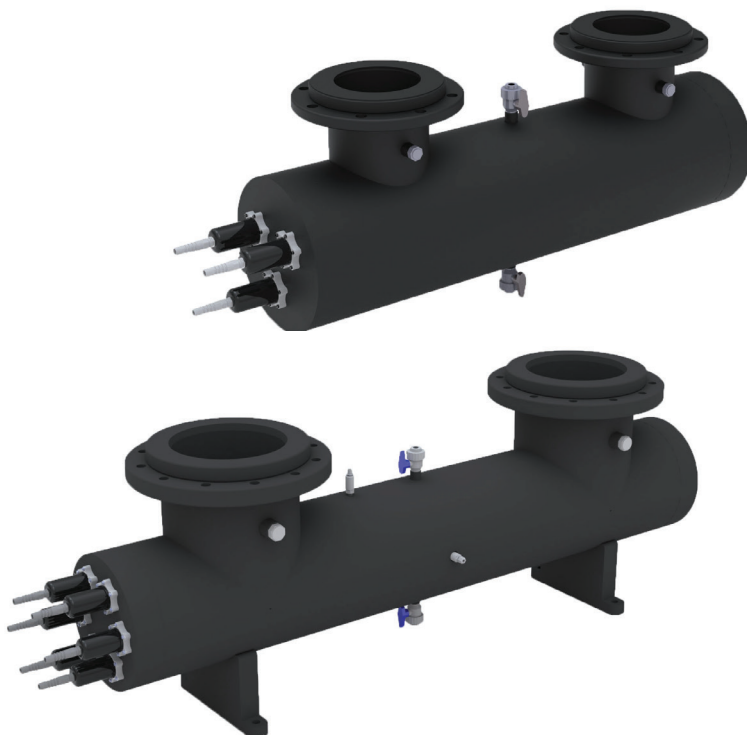


Biofiltration

Bio-UV High Flow UV Sterilisers

High performance HDPE reactors with high intensity [HO] or Amalgam [AM] UV-C lamps using state-of-the-art technologies.

- PE flange connections.
- Patented sealing system for an easy maintenance.
- Quick and simple lamp change and quartz sleeve maintenance.
- Very long lamp life [12 000 to 13 000 hours depending on the number of switchings on].
- Dedicated electronic ballasts guaranteeing maximum UV output of lamps.
- IP54 Polycarbonate/Polyester ventilated cabinet with 5m cable.
- Passively cooled—no moving parts.
- Lamp hour run counter and operating indicator light for each lamp.
- Max operating pressure 6 Bar. Insignificant pressure loss.



Available separately

- UV monitor & PTFE sensor
- 4-20mA output & PTFE sensor
- Quartz cleaner – manual
- Quartz cleaner – auto



Bio-UV High Flow UV Sterilisers

Code	Product	Lamp qty & type*	Lamp watts	Total watts	Total uvc radiation (@254nm)	Current (A)	Body diameter	Body length	Inlet outlet (mm)	Cabinet	Flow rate (m ³ /hr)**
Low Pressure Lamps High Output "HO" High Intensity											
BP6250HO	Bio UV 522W High Output UV Steriliser	6XHO	87	522	168	2.5	250	1070	140	Polycarbonate	45
300W Low Pressure Lamps Amalgam High Intensity											
BP23153AM	Bio UV 540W Amalgam UV Steriliser	2XAM	270	540	170	2.6	315	1330	200	Polyester	56
BP33153AM	Bio UV 810W Amalgam UV Steriliser	3XAM		810	255	3.9					89
BP43153AM	Bio UV 1080W Amalgam UV Steriliser	4XAM		1,080	340	5.2					117
BP53153AM	Bio UV 1350W Amalgam UV Steriliser	5XAM		1,350	425	6.5					144
BP63153AM	Bio UV 1620W Amalgam UV Steriliser	6XAM		1,620	510	7.7					168
400W Low Pressure Lamps Amalgam High Intensity											
BP43154AM	Bio UV 1600W Amalgam UV Steriliser	4XAM	400	1,600	600	3.5	315	1919	250	Polyester	219
BP63154AM	Bio UV 2400W Amalgam UV Steriliser	6XAM		2,400	900	10.7					347

*HO=High Output Lamps (13,000 hr life expectancy)

*AM=Amalgam lamps(16,000 hr life expectancy)

**30mj/cm²&UVT85%