

UV Systems



- Simple operation and maintenance
- Display of function with LEDs
- Suitable for tap water, fresh and reverse osmosis water
- High grade materials (stainless steel, quartz)

The radiation with UV light is suitable for reducing bacteria, viruses and protozoa (e.g. special stages of fish parasites). The UV rays destroy the DNA of organisms and causes the death of the cells. The disinfecting with UV light generates no chemicals and is suitable for aquaria, too. The stainless steel version is not suitable for sea water tanks, because pitting corrosion will occur.

These UV systems are suitable for applications in drinking water and fresh water field. The massive housing resists pressures up to 7 bar and is therefore applicable for R.O. system. The UV lamp is separated from the water by a quartz glass – maximum safety is achieved. The normal operation of the system is displayed with a green LED at the electrical ballast. If the system fails a red light is flashing and a beeper sounds. It is very easy to change the lamp, any special tools are not necessary. The interval for cleaning depends on the quality of the water.

Type	6W	55W
Order number	UV-6	UV-55
Max. flow with pure water	1.5 l/min – 90 l/h	36 l/min – 2160 l/h
Max. flow with R.O. water	1.9 l/min – 114 l/h	45 l/min – 2400 l/h
Max. aquarium volume	600 litres	5500 litres
Water connection	¼“ female thread	¾“ male thread
Total length / length between connectors	ca. 280 / 165 mm	ca. 1000 / 825 mm
Diameter of lamp	51 mm	63 mm
Power density	> 30 mW/m ²	
Life time of UV lamp	ca. 8000 h*	
Connected load	6 W	55 W
Electrical connection	180-230 V, 50...60 Hz	
Output current	42 mA	250 mA
Material of housing	AISI 304 – DIN 1.4301	
Weight	0.9 kg	3.0 kg

* depends on operating frequency

Operate the UV lamp only if it is fully assembled! UV rays will cause burns on skin and retina.