

## High-efficiency ultraviolet disinfection of pool water with Auto-UV75 titan

Safe and efficient disinfection of your pool water. The Pahlén Auto-UV75 titanium is designed for disinfection of water in pools and spas. With the Auto-UV75 titanium you can reduce your chlorine consumption by up to 70%. The result is less bound chlorine, which makes for a more pleasant bathing environment without irritations like red eyes, the smell of chlorine or the risk of allergies.

Optimal neutralisation of bacteria, viruses and algae. The UV lamp produces short-wave ultraviolet UVC radiation with a 254 nm wavelength. This wavelength is optimal for neutralising bacteria, viruses and algae. As a result your pool water is crystal-clear and pleasant. When the Auto-UV75 is in operation this is shown by a blue indicator at the top of the unit.

The Auto-UV75 has a clear and easy to read LED display to show the number of hours it has been in operation. It also has a built-in alarm for the lifetime of the lamp, which is 9000 hours. When 1000 hours remain, the timer starts flashing in the display and when all 9000 hours are used up the UV lamp automatically switches off and it is time to replace the lamp. Lamp replacement is extremely simple, and once it has been replaced the timer is reset to zero by just pressing a button in the electronic box.

Since the Auto-UV75 is made of titanium it is highly corrosion-resistant. It functions extremely well in fresh water pools and spas and is also suitable for pools fitted with a salt chlorinator. The Auto-UV75 is supplied with adjustable stainless steel wall brackets to make installation easier. The electronic box has an adjustment control, electronic timer and on/off switch.

Supplement Auto-UV75 with the advanced and intelligent MiniMaster for private pools. The Auto-UV75 titanium is recommended together with Pahlén's highly advanced MiniMaster for private pools. MiniMaster offers you continuous monitoring to safeguard water quality in the same way as in public baths and large hotel pools, as well as the option of automatic dosing (disinfection).

MiniMaster is based on the same technology as Pahlén's well-known Autodos. With a MiniMaster installed in your pool, you need never again worry about your water quality - because MiniMaster handles it all automatically.

The combination of Auto-UV75, MiniMaster and salt chlorinator offers you an easy to manage pool giving you the freedom to enjoy the ultimate in swimming and bathing pleasure.

When the Auto-UV75 is in operation a lamp comes on at the top of the UV unit.

The UV lamp can be conveniently replaced since the upper part of the unit features a threaded fitting and contact where the power supply can be disconnected.

The Auto-UV75 has a clear and easy to read display to show the number

of hours it has been in operation.

### Electronic panel with LEDs

Operation indicator shows the number of hours the unit has been in operation

- Timer flashes when 1000 hours remain
- Display indicates when the UV lamp has come to the end of its lifetime

- **UV lamp with 9000 hour lifetime - Long life.**
- **Casing made of titanium** - For optimum quality and service life.
- **Timer in the LED display** - Easy to see the number of hours in operation.
- **Clear indication when it is time to replace the UV lamp** - With 1000 hours lifetime remaining, the timer starts flashing.
- **Clear operational indication** - Lights up with a blue glow.
- **Electronic box contains adjustment control, timer and on/off switch** - Simple installation.
- **Delivered complete in one single unit** - Easy to install and maintain.
- **Efficient UV cleaning** - More favourable to the environment than traditional methods.
- **The UV lamp produces short-wave ultraviolet UV-C radiation** - Optimal neutralisation of bacteria, viruses and algae.
- **The UV lamp disinfects the water** - Reduces the occurrence of chlorine odour, red eyes and irritation to the mucous

membrane.

- **Use of UV** - Gives considerably lower chlorine concentration in the pool, about 0.5ppm compared with the normal 0.8-1.0ppm.

### Technical data Auto-UV75 titanium

Item.no	Lamp	Lifetime lamp	UVC- radiation wavelength	UVC- radiation	Max pressure	Max flow	Connection	Max water temperature
417760	75W	9000 h	254 nm	25 W	4 bar	250 l/min	2"	45°C