

Poolsquad® UV

Pool
TECHNOLOGIE

UV/Ultra Low Salt® hybrid
+ pH regulator



European
patent

Benefits

- Smart pH: predictive regulation based on history for a perfectly stable pH
- Soft, odorless bathing water
- Disinfected and disinfectant water with no chemicals
- An eco-friendly treatment
- Ideal for corrosion-sensitive pools
- Fully automatic device, easy to use
- No risk of allergy issues
- Non-polluting waste water
- UV reactor made by BIO-UV®
- Compatible with new European regulation (N°2019/1148): pH correcting agent adjustable concentration
- New clear accessories holder

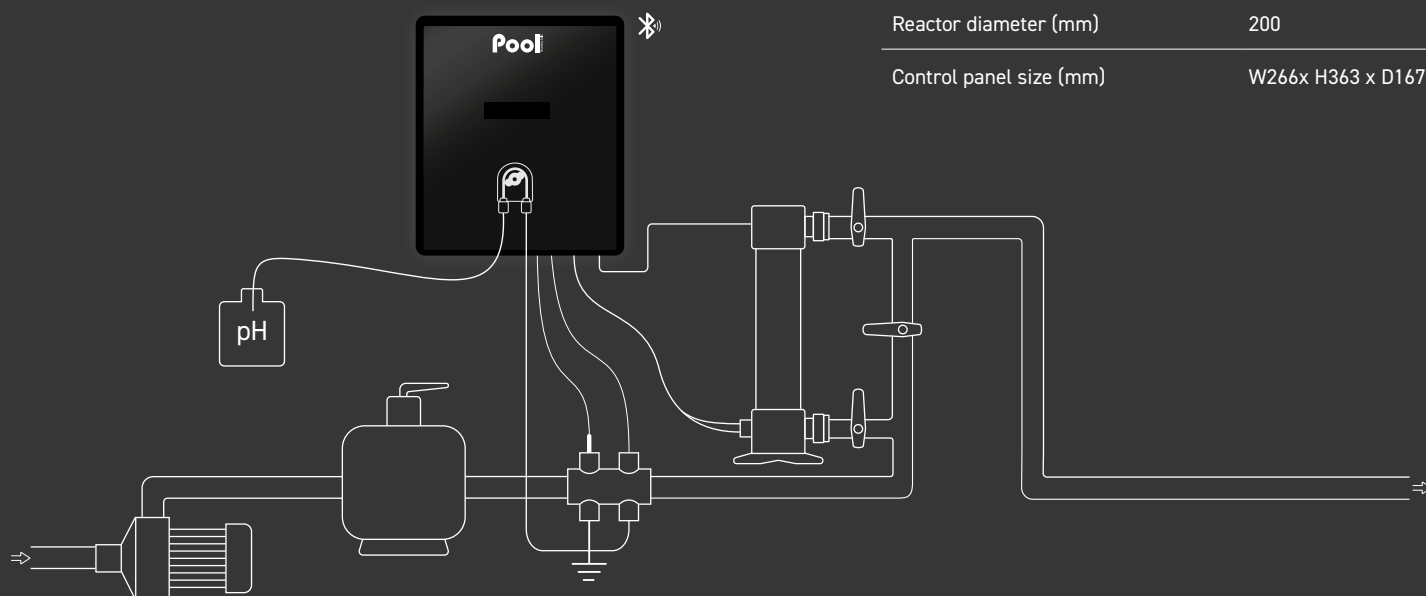
Features

- **Smart Power:** current monitoring ensuring stable production
- **Ultra Low Salt® technology:** operate at any salt level higher 0,5g/l
- **Ultra-violet sterilization**
- **Sequential UV/Saltwater chlorination** operating mode
- **Predictive and proportional pH regulation** in acid (pH-) or basic (pH+) mode
- **Low mode to reduce chlorine production**, when cover closed or bubble cover installed
- **Superboost mode** : 125% superchlorination for up to 48 hours to overcome an increased need of disinfectant
- **Automatic winterization and restart from 15C°**
- **Multilingual communication interface**
- **Safeties:** pH set point overrun and overfeeding
- **Water temperature display**
- **Log of events**
- **Self-diagnosis programme for easy maintenance**

| Model | Pool volume m ³ | Flow m ³ /h | Reference |
|---------------------|-------------------------------|---------------------------|-------------------|
| Poolsquad UV NPS 12 | 50 | 12 | ELPH21NPSP-G4VX15 |
| Poolsquad UV NPS 25 | 100 | 25 | ELPH21NPSP-G4VX25 |

| Technical specifications | |
|-------------------------------|------------------------------------|
| Display | LCD 2 lines |
| Pump flow (l/h) | 1,8 |
| pH set point adjustment | from 6,8 to 7,6 |
| Corrective solution pH | pH- or pH+ |
| Type of regulation | predictive |
| Calibration pH probe | 2 points pH 7 & pH 10 |
| pH probe | Black |
| Polarity inversion adjustment | from 2h to 24h in increments of 1h |
| UV lamp power (watts) | 55 or 87 |
| UV wavelenght | 254 nm |
| UV lamp lifespan | 13 000 hours |
| Maximum water temperature | 40°C |
| Reactor height (mm) | 845 (50 m ³) / 1091 |
| Reactor diameter (mm) | 200 |
| Control panel size (mm) | W266x H363 x D167 |

Installation diagram



Content

- Control box
- UV reactor (electrode & lamp)
- Cell cable (2m)
- pH probe Black
- Calibration solutions pH 7 & pH 10
- Probe holder, injection connector
- Low water/temperature sensor
- Accessories holders with plugs
- Pool Terre grounding electrode
- Power cable (2m)
- Reducers 75x63 mm x2
- Reducers 75x50 mm x2
- Wall support (with screws)
- User manual

Options

- Independent flow switch
- Empty can sensor
- 2 years warranty extension on electrode



Box

WARRANTY

ULS electrode

WARRANTY

Black pH probe

WARRANTY