



## PURION compact system MAX active

For 12 V / 24 V

50 – 60 Hz

### DESCRIPTION

Packaged in a high-quality aluminum frame, PURION's MAX active compact system is a complete water treatment chain. The system includes a particle pre-filter with a washable nylon filter cartridge to remove suspended solids and a de-icing pre-filter to improve the performance of the UV-C system. In addition, an activated carbon filter is incorporated to remove odors, improve taste, and absorb carbon-based chemicals such as acetones. The last component of the water treatment chain is the UV-C system.

Furthermore, a 12V pump is included in this system, which is adjusted to the performance of the UV-C system. Approximately 30 seconds after starting the UV-C system, the pump switches on, which ensures that the UV-C lamp has enough supply to reach full power. The system is also equipped with a lifetime monitor, which signals when the lamp needs to be changed.

The system can be operated via the 12V connection with a 12V power supply, cigarette lighter or a photovoltaic panel. The complete system is housed in a robust aluminum frame and is already completely pre-assembled. Due to the simple integration, the complete system can be changed by means of supplied tools or without tools.

### Available power supplies

- 12 V / 24 V DC
- 110 – 240 V AC with wide voltage ballast



### Scope of delivery

- UV disinfection system
- UV lamp (14 W)
- Instruction manual



## Technical data

<b>Manufacturer</b>	PURION GmbH
<b>Type</b>	PURION compact system MAX active
<b>Throughput</b>	400 l/h drinking water
<b>UVC transmission</b>	90% T1 cm
<b>Water temperature</b>	2°C to 40°C
<b>Reactor</b>	stainless steel 1.4571
<b>Operating pressure Max.</b>	10 bar
<b>Dimensions (LxWxH in mm)</b>	580 x 300 x 420
<b>Pump power</b>	48 W
<b>Weight</b>	11 kg
<b>Radiator service life</b>	10.000h
<b>Number of emitters</b>	1
<b>Temperature Max</b>	40°C
<b>Housing protection</b>	IP 65
<b>Electrical connection</b>	12 V / 24 V 50Hz – 60Hz
<b>Power</b>	14 W
<b>Fuse protection</b>	8 A

### Contact

info@uvconcept.com  
Tel: +49 3641 327 9697  
Fax: +49 3641 327 9697 9

### UV Concept GmbH

Thomas-Mann-Straße 27  
07743 Jena  
www.uvconcept.com



Official PURION Distributor  
**PURION**  
DIE SICHERSTE LÖSUNG



UVC-Desinfection  
**Made in Germany**