



## PURION compact system active

For 12 V / 24 V

50 – 60 Hz

### DESCRIPTION

Packaged in a high-quality aluminium frame, the compact system active from PURION is a complete water treatment chain. A particle pre-filter with a washable nylon filter cartridge is installed in the system to remove suspended particles. In addition, an activated carbon filter is integrated to remove odours, improve taste and absorb carbon-based chemicals such as acetones. The last component in the water treatment chain is the UV-C system, which disinfects the water with a sterilisation rate of 99.99% - this complies with the German Drinking Water Ordinance.

Furthermore, a 12V pump is included in this system, which is adjusted to the output of the UV-C system. Approx. 30 seconds after the UV-C system is started up, the pump switches on, which ensures that the UV-C lamp has sufficient supply to reach full output. The system is also equipped with a service life monitor that signals when the lamp needs to be replaced.

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

### Available power supplies

- 12 V / 24 V DC with wide-voltage ballast



### Scope of delivery

- UV disinfection system
- UV lamp (14 W)
- Operating instructions



## Technical data

<b>Manufacturer</b>	PURION GmbH
<b>Type</b>	PURION Kompaktsystem 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>	480 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

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**PURION**  
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UVC-Desinfection  
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