

PURION Compact system special

...is characterized by compact construction and a high degree of efficiency respecting to disinfection and energy consumption. The construction design follows laws, standards and regulations.



The pre assembled PURION Compact systems special are designed on individual customer request.

For example it's possible to ensure that all parts of the complete system that are in contact to the water are made from plastic material (e.g. PVC).¹

Number and configuration of the filters will be specified according to customer request.

It is possible to equip the system with the PURION monitoring options (e.g. OTC - Operating Time Counter & OPD - Operating Power Detection).

The compact construction design enables an easy replacement of the UV lamp and filter cartridges.

manufacturer	PURION® GmbH
type	PURION Compact system special
flow rate	1000 l/h drinking water
UVC-transmission	90% T ₁ cm
temperature of water	2°C bis 40°C
UV plant	PURION 1000
monitoring UV plant	Operating Time Counter (OTC)
delivery rate pump	1000 l/h
number of filters	2
dimension complete system (L x B x H in mm)	800 x 600 x 1300
weight complete system	18,0 Kg
max. working pressure.	10 bar
protective system	IP 65
electrical connection	230 V AC
power	1 x 17 W
over current protection	10 A

The PURION Compact systems special are applied at:

Camping & Caravan	•
Expedition	•
Mobile water supply	•

Advantages

- additional chemicals are not required for disinfection
- smell and taste of the water are not influenced by radiation
- option for adjustment to local conditions via configuration of the filters
- manageable maintenance
- small operation expenses

¹ The illustrated example was designed for the Institute Pasteur/ Paris for supply of disinfected water for research purposes on aqua cultures.