

## Survey of the PURION UV-plants

manufacturer	PURION GmbH	PURION GmbH	PURION GmbH	PURION GmbH	PURION GmbH	PURION GmbH	PURION GmbH	PURION GmbH
type	<b>PURION 500</b>	<b>PURION 1000</b>	<b>PURION 2000</b>	<b>PURION 2001</b>	<b>PURION 2500</b>	<b>PURION 2500 H</b>	<b>PURION 2501</b>	<b>PURION 2501 H</b>
flow rate	400 l/h drinking water	1 m <sup>3</sup> /h drinking water	2 m <sup>3</sup> /h drinking water	8 m <sup>3</sup> /h pools/ponds up to 30.000 l	2,5 m <sup>3</sup> /h drinking water at 36 W	4 m <sup>3</sup> /h drinking water	14 m <sup>3</sup> /h pools/ponds up to 50.000 l	14 m <sup>3</sup> /h
UVC-transmission	90% T <sub>1</sub> cm	90% T <sub>1</sub> cm	90% T <sub>1</sub> cm	90% T <sub>1</sub> cm	90% T <sub>1</sub> cm	90% T <sub>1</sub> cm	90% T <sub>1</sub> cm	90% T <sub>1</sub> cm
temperature of water	2° C - 40° C	2° C - 40° C	2° C - 40° C	2° C - 40° C	2° C - 40° C	up to 90° C	2° C - 40° C	up to 90° C
reactor	stl. steel 1.4571	stl. steel 1.4571	stl. steel 1.4571	stl. steel 1.4571	stl. steel 1.4571	stl. steel 1.4571	stl. steel 1.4571	stl. steel 1.4571
flanges external thread	R 1/2“	R 1“	R 1“	R 1 1/2“	R 1“	R 1“	R 1 1/2“	R 1 1/2“
seal	FPM	FPM	FPM	FPM	FPM	FPM	FPM	FPM
dimensions (L x Ø in mm)	320 x 42	420 x 42	578 x 42	578 x 85	928 x 42	928 x 42	928 x 85	928 x 85
distance flanges	255 mm	340 mm	500 mm	460 mm	850 mm	850 mm	810 mm	810 mm
weight	2,2 kg	2,8 kg	2,8 kg	4,1 kg	3,4 kg	3,4 kg	5,5 kg	5,5 kg
life time of lamps	10.000 h	10.000 h	10.000 h	10.000 h	10.000 h	8.000 h	10.000 h	8.000 h
number of lamps	1	1	1	1	1	1	1	1
dose	400 J/m <sup>2</sup>	400 J/m <sup>2</sup>	400 J/m <sup>2</sup>	400 J/m <sup>2</sup>	400 J/m <sup>2</sup>	400 J/m <sup>2</sup>	400 J/m <sup>2</sup>	400 J/m <sup>2</sup>
temperature max.	40° C	40° C	40° C	40° C	40° C	-	40° C	-
max. working pressure	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar
protective system	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65
electrical connection	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz or 110 V/60 Hz	230 V/50 Hz or 110 V/60 Hz	230 V/50 Hz or 110 V/60 Hz	230 V/50 Hz or 110 V/60 Hz	230 V/50 Hz or 110 V/60 Hz	230 V/50 Hz or 110 V/60 Hz
(optionally)	12/24 V DC, 110 V AC	12/24 V DC, 110 V AC			24 V DC at 36 W			
total power	14 W	20 W	55 W	55 W	36 W, 75 W, 90 W	105 W	75 W, 90 W	105 W
over current protection	10 A	10 A	10 A	10 A	10 A	10 A	10 A	10 A

## Our UV-plants are applied at

Drinking water	•	•	•	•	•	•	•	•
Water of air conditioning	•	•	•	•	•	•	•	•
Disinfection of permeate	•	•	•	•	•	•	•	•
Pools	•	•	•	•	•	•	•	•
Aquariums	•	•	•	•	•	•	•	•
Fish ponds	•	•	•	•	•	•	•	•
Storm water of sewage plants	•	•	•	•	•	•	•	•
Pharmacy	•	•	•	•	•	•	•	•
Greenhouse	•	•	•	•	•	•	•	•
Water of domestic use	•	•	•	•	•	•	•	•