

DUAL OPD Professional

monitoring option



With the version PURION DUAL OPD is possible to operate one or both UV lamps. The control system is realized in one electronic control cabinet with Operating Power Detection (OPD 2) for both UV lamps to monitor the UVC intensity.

The second UV plant in flow direction can be additionally switched on (priority circuit). If only the first UV plant (in flow direction) is operated the second UV plant will be immediately and automatically switched on if there is an error or too less UVC intensity within the first UV plant.

With this backup mechanisms in case of operation only one UV lamp, a very high degree of safety is ensured.

DUAL OPD Ultra

monitoring option



With the version PURION DUAL OPD Ultra both UV lamps are switched and operated simultaneously. For both plants a monitoring of the UVC intensity is integrated (OPD 2). Both plants are equipped with a potential free contact to switch the magnet valve.

In case of an error or too less UVC intensity the water flow will be immediately and automatically interrupted by the magnet valve. A renewed release of the water flow requires the correction of the error.

The version DUAL Professional OPD enables a well engineered protection to ensure the guaranteed disinfection power.

advantages
electric control system integrated in one cabinet
very high degree of safety to ensure guaranteed disinfection via combination of monitoring UVC intensity (2x OPD 2) and technical backup mechanism
main switch for operation mode
cost effective equipment acquisition

product line	PURION DUAL OPD Professional
number of control cabinet	1
dimensions control cabinet (WxHxD mm)	250 x 350 x 160
no. of signal lights for operating status	2
no. signal lights for disinfection power	2x OPD 2
number potential free contacts	2
electrical connection	110-240 V 50/60 Hz 12 V DC
over current protection	10 A (110-240 V AC) 6 A (12 V DC)
housing's type of protection	IP 54

advantages
electric control system integrated in one cabinet
supplied and electrically prefabricated magnet valve
highest degree of safety to ensure guaranteed disinfection via combination of monitoring the UVC intensity (2x OPD 2) and technical backup mechanism (magnet valve)
cost effective equipment acquisition

product line	PURION DUAL OPD Ultra
number of control cabinet	1
dimensions control cabinet (WxHxD mm)	250 x 350 x 160
no. of signal lights for operating status	2
no. signal lights for disinfection power	2x OPD 2
number potential free contacts	2
electrical connection	110-240 V 50/60 Hz
over current protection	10 A (110-240 V AC)
additional equipment	magnet valve (electrically prefabricated)

PURION 1000 DUAL	flow rate 2 m³/h
PURION 2500 DUAL 36 W	flow rate 5 m³/h
PURION 2500 DUAL 90 W	flow rate 8 m³/h
PURION 2001 DUAL	flow rate 10 m³/h
PURION 2501 DUAL	flow rate 20 m³/h
PURION 1000 DUAL H	flow rate 3 m³/h
PURION 2500 DUAL H	flow rate 8 m³/h
PURION 2501 DUAL H	flow rate 20 m³/h

PURION 1000 DUAL	flow rate 2 m³/h
PURION 2500 DUAL 36 W	flow rate 5 m³/h
PURION 2500 DUAL 90 W	flow rate 8 m³/h
PURION 2001 DUAL	flow rate 10 m³/h
PURION 2501 DUAL	flow rate 20 m³/h
PURION 1000 DUAL H	flow rate 3 m³/h
PURION 2500 DUAL H	flow rate 8 m³/h
PURION 2501 DUAL H	flow rate 20 m³/h