

## AIRPURION inline D500

...these moduls stands out for its extraordinary high disinfection performance, compact construction and low energy consumption. It is manufactured in accordance with currently valid laws, standards and rules.



The AIRPURION inline Module D500 consists of a standard air spiral duct that can be easily integrated into air conditioning plants. The PURION UV-lamps are assembled inside the air spiral duct. The arrangement of the UV-lamps ensures optimal usage of the UV-radiation.

The control of the AIRPURION inline Module is carried out with the PURION electric control cabinet type 1 or Type 2.

The AIRPURION inline UV Modules are configured with monitoring of the UV-lamps service life and splinter protection (optionally).

The PURION UV lamps stand out for their long service life, high disinfection performance and low energy consumption. Power is carried out with 3~/N/PE~50/60Hz 230/400V.

A plug connection for every lamp cable ensures easy maintenance and easy replacement of the lamps. The immersion tubes can be easily replaced.

manufacturer	PURION <sup>®</sup> GmbH
type	AIRPURION inline D500
disinfection performance:	
airflow 250m <sup>3</sup> /h	468 J/m <sup>2</sup>
airflow 1500m <sup>3</sup> /h	78 J/m <sup>2</sup>
dimension (Ø x L)	500 x 1000 mm
configuration	<ul style="list-style-type: none"> <li>· Operating Time Counter (OTC -mainalarm)</li> <li>· splinter protection (optionally)</li> </ul>
number of UV lamps	5
number of electric control cabinet type 1	1
life time of lamps	10.000 h
electrical connection	3~/N/PE~50/60Hz 230/400V
total power	5 x 90 W
over current protection	3 x 6 A

### With AIRPURION inline D500 Modules different values of UVC- Dosis can be reached:

airflow	dosis with 1 Modul	dosis with 2 Modul
250 m <sup>3</sup> /h	415 J/m <sup>2</sup>	830 J/m <sup>2</sup>
500 m <sup>3</sup> /h	207 J/m <sup>2</sup>	415 J/m <sup>2</sup>
1.000 m <sup>3</sup> /h	104 J/m <sup>2</sup>	207 J/m <sup>2</sup>
1.500 m <sup>3</sup> /h	69 J/m <sup>2</sup>	138 J/m <sup>2</sup>
2.000 m <sup>3</sup> /h	52 J/m <sup>2</sup>	104 J/m <sup>2</sup>

### AIRPURION inline Modules are used for different applications:

clean room industry	•
hospitals, public buildings	•
hotels-/ conference areas	•
beverage industry	•