

**Warranty for UVC medium pressure lamps**

The prerequisite for any warranty by uv-technik Speziallampen GmbH is proper use of the lamps. This implies, in particular, that the lamps are not covered with dirt on the outside, that they are cooled as prescribed<sup>1</sup> and are not subjected to shocks or impacts. A further prerequisite for warranty is that the lamps are not switched on and off more than 3 times on average a day. More frequent switching on leads to increased wear, and thus shortens the lifetime. The intended use is explained in the user manual for lamps, which can be found at [www.uvtechnik.com](http://www.uvtechnik.com).

A decrease in the intensity of the radiation by approx. 25% compared with lamps in new condition is not a case of warranty. It is an effect of normal wear, which can occur after different numbers of operating hours with different lamps and lamp types. New lamps, when used for the first time, may have an increased intensity in the first hours of operation. This is also a normal phenomenon and is not a case of warranty. In the case of mercury vapor lamps, it is normal for the defined standard intensity to be achieved after approximately the first 25 working hours.

The warranty of uv-technik Speziallampen GmbH for medium pressure lamps differs according to the type of use and the specific lamp wattage.

In case of proper use, uv-technik Speziallampen GmbH warrants the following operating hours within 2 years of the production date, but at least 12 months after delivery of the lamp in question:

1. For UV-water purification  
Specifying the warranted operating hours

specific power	mercury (Hg)	low ozone (Y)
MPL up to 150 W/cm	4,000 h	2,000 h
MPL from 150 W/cm	1,500 h	1,000 h

2. For of UV-curing  
Specifying the warranted operating hours

specific power	mercury (Hg)	iron (F)	gallium (G)	low ozone (Y)	ozone free (P)
MPL up to 160 W/cm	1,500	750	1,000	1,500	1,500
MPL up to 240 W/cm	1,000	750	1,000	1,000	1,000
MPL from 240 W/cm	1,000	750	750	750	750
Quick starter	500	-	-	-	-

The above regulation applies only to the lamps expressly mentioned in the table.

The warranty may differ for special applications / special lamps.

The service life specifications given on the data sheets apply.

The warranty adjustment is just applicable, if suitable power supplies (EPS, CPS) out of our assortment are used or the power supplies have been approved by uv-technik Speziallampen GmbH.

<sup>1</sup> According to the Operating Instructions / lamp data sheet handed over to the customer

Should the operating hours not have reached 200 h, uv-technik Speziallampen GmbH will provide a replacement free of charge by delivering a new lamp of the same type.

In cases in which the 200 operating hours are exceeded, but the defined „warranted operating hours“ (see table) are not achieved, the customer will have the options of a price rebate on the purchase of a new lamp (of the same type) or a partial refund on the price of the faulty lamp. These are calculated proportionally. The rebate or refund is calculated by setting the missing usable lifetime of the faulty lamp (i.e. the number of operating hours by which the actual operating hours of the faulty lamp fall short of the total operating hours) in relation to the “warranted operation hours” in the table.

Sample calculation: If 1,500 warranted operation hours are given in the above table for a particular lamp, and it fails after 450 operating hours, the lamp has run 1,050 hours short, so the customer receives a rebate of 70 % (1,050 : 1,500) of the current price when purchasing a new lamp of the same type, or can alternatively request a corresponding refund (70%) of the price originally paid for the faulty lamp.

The evidence of real operating hours of the lamp must be provided by applicable measures.

The warranty we offer does not apply under following conditions:

- contamination on the outside of the lamp
- improper cooling
- deformation caused by overheating of the lamp body or foil seal
- standard decrease of radiation
- burned or damaged cables – temperature max. 200°C

In all other cases, the General Terms and Conditions of uv-technik Speziallampen GmbH apply.