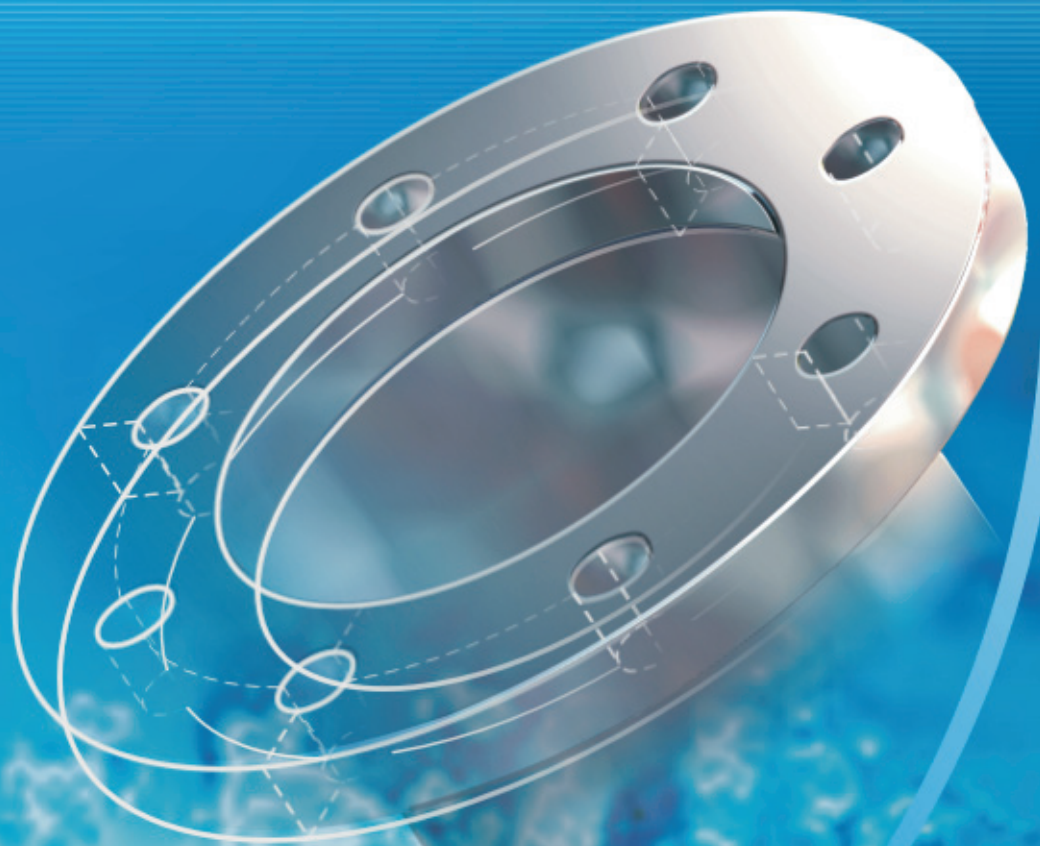


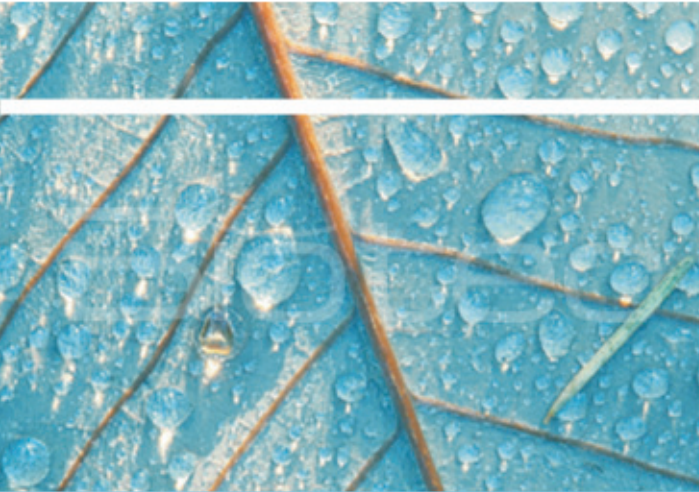
Biotec s.r.l.
UV Division

From Tradition to Technological Innovation

Closed vessel UV-C disinfection system



UV-LIT



Applications :

- Drinking water
- Waste water
- Process water

Advantages :

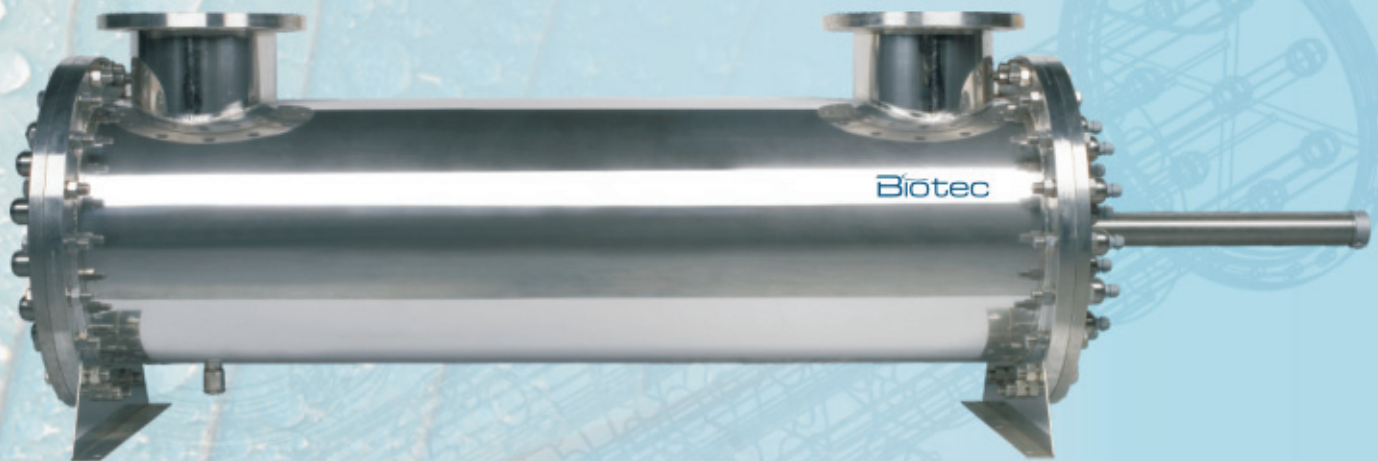
- High disinfection performance
- Low power consumption
- UV lamps with high output stability at varying water temperature
- 12,000 hours lamp lifetime
- Optional automatic or manual cleaning system

Features :

The UV-LT series utilizes low pressure, high intensity, mercury vapour or amalgam UV lamps.

The lamps are housed inside a 316L stainless steel cylindrical reactor and placed parallel to the water flow.

The reactor is equipped with two removable heads, which allow an easy maintenance, washing and complete cleaning of the irradiation chamber, as well as inspection and installation. The hydraulic connections can be supplied in several sizes, according to headloss and client's requirements. Adequately shaped steel plates inside the reactor create the necessary turbulence, to achieve a high disinfection performance. The units of the UV-LT series are designed for horizontal and vertical installation, to guarantee a perfect adaptation to existing structures; the units have a separate power supply cabinet.



UNITS	LAMP NO.	Kw		DIM. LxD (in)
		MERC. VAP.	AMALGAM	
UV-LT-4L	4	0,6/1,2		62 X 8
UV-LT-6L	6	0,9/1,8		62 X 8
UV-LT-7L	7	1,1/2,1		62 X 8
UV-LT-8L	8	1,2/2,4		62 X 8
UV-LT-10L	10	1,6/3,0		62 X 12
UV-LT-12L	12	1,9/3,6		62 X 12
UV-LT-16L	16	2,5/4,8		62 X 20
UV-LT-18L	18	2,8/5,4		62 X 20
UV-LT-19L	19	2,9/5,7		62 X 20
UV-LT-20L	20	3,1/6,0		62 X 20
UV-LT-24L	24	3,7/7,2		62 X 20
UV-LT-30L	30	4,7/9,0		62 X 20
UV-LT-32L	32	5,0/9,6		62 X 20

All specifications are subject to change without notice.