

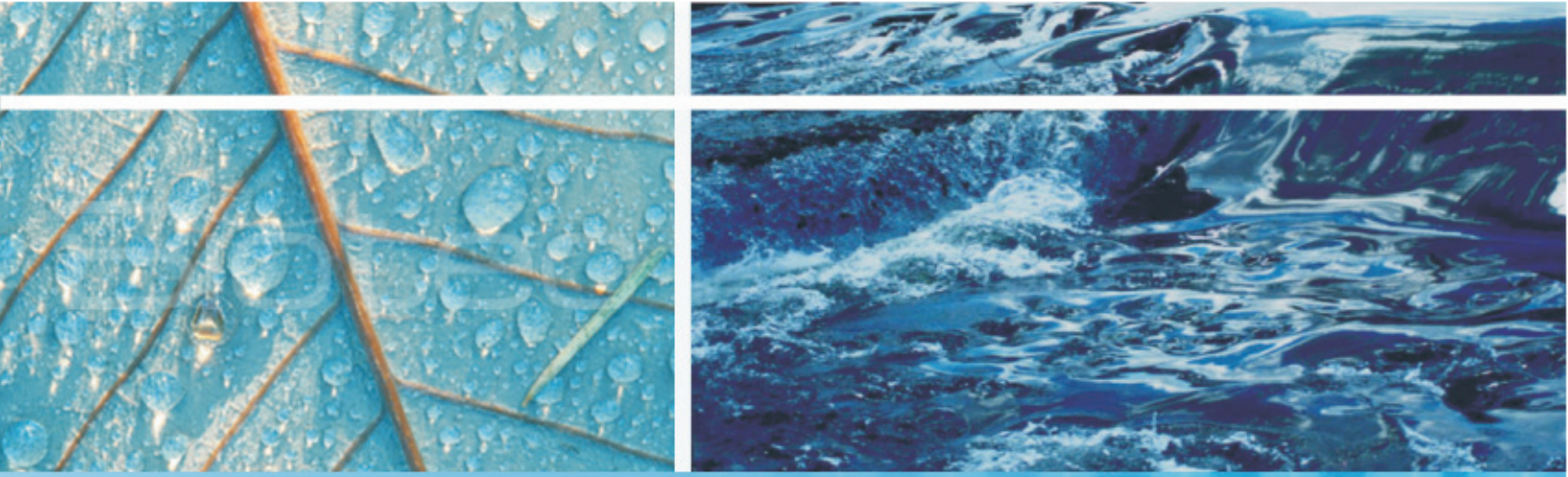
Biotec s.r.l.
UV Division

From Tradition to Technological Innovation

Open channel vertical UV-C disinfection system



UV-UV



Features :

The UV-LV open channel system, with traditional, low pressure, high intensity, mercury vapour or amalgam lamps, positioned vertically and transversally to the water flow, is applied mainly to the disinfection of waste water.

The UV-LV system is composed by a vertical module, a stainless steel support frame, UV lamps, quartz sleeves, power distribution centre, UV monitoring system.

The system can be equipped with:

1 - Pneumatically activated, automatic cleaning system, with wiper rings made of UV resistant material. This allows the cleaning of the quartz sleeves at preset intervals. Use of the automatic cleaning system allows the plant operator to keep the quartz sleeves clean, without having to remove them or stop the UV system's operation.

2 - PLC based control system.

