



BIO-UV
ULTRAVIOLET RAY
INTEGRATED DISINFECTION SYSTEM

*Residential and other applications
with daily flow rate up to 3,240 L/day*

AVANTAGES

- Most compact tertiary treatment solution on the market
- System integrated to the BIONEST™ reactor (no additional space required)
- High performance
- Preassembled unit for quick and easy installation
- Gravity fed system (no pumping equipment required)
- System compatible with concrete and polyethylene tanks
- Maintenance by qualified technicians



APPLICATIONS

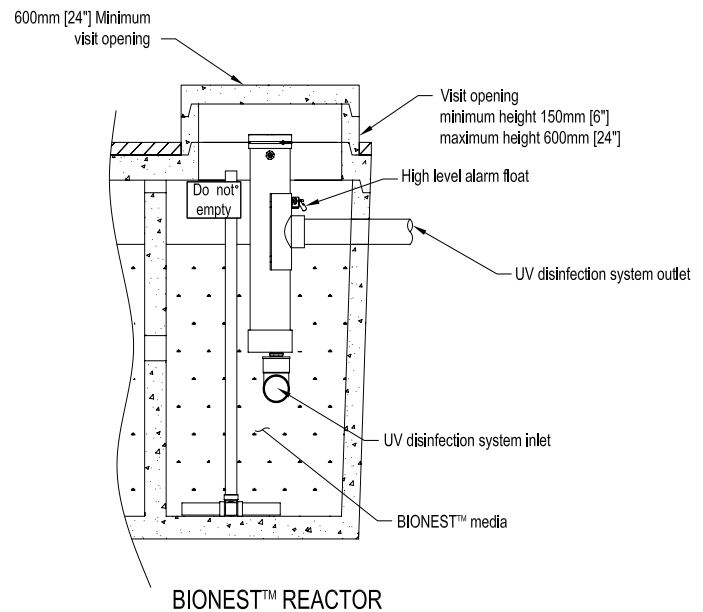
The BIO-UV is designed for residential and other applications with daily flow rate up to 3,240 L/day.

DESCRIPTION

The BIO-UV is an easy to maintain ultraviolet ray disinfection unit completely integrated in the BIONEST™ reactor.

The UV rays can efficiently destroy fecal coliforms by entering the core of the fecal coliforms' cells, thus allowing reaching a quality level above swimming water standards. Treatment by ultraviolet ray is the answer to various difficulties such as small ground area or grounds with clearance restrictions, clay soil or difficult compliance situations. The BIO-UV effluent is directed towards an evacuation by dispersion device providing a discreet, odourless and totally safe discharge. The effluent may be discharged into a ditch, marsh or pond.

The BIO-UV is preassembled and installed in the last compartment of the BIONEST™ reactor. The UV unit is gravity fed and thus requires no additional pumping equipment.



SPECIFICATIONS

- Sterilight® Cobalt™ SC-320 (42 watts) model UV disinfection system
- Preassembled unit installed in the last compartment of the BIONEST™ reactor
- Quick installation in a concrete or polyethylene tank
- High level float with sound and visual alarm inside residence or building
- Alarm in case of lamp failure or if needs replacement
- Certified BNQ and CSA

TREATMENT PERFORMANCES

Official results¹ obtained during the test bench of the Bureau de normalisation du Québec (BNQ)

Tertiary treatment (Classe V)

	Fecal coliforms (CFU/100 ml)
BIONEST™ system with ultraviolet ray disinfection system	2 ²
Discharge standards for tertiary treatment systems	200 ³

1 : Data from results obtained within NQ 3680-910 certification
 2 : before reactivation
 3 : after reactivation

WARRANTY :

- 1 year parts and labour as of date of purchase

The solution without compromise for your health and the environment

Bionest

Tel. Head Office : 1 866 538-5662
 Tel. Ontario : 1 866 477-5203
 Tel. Alberta : 403 934-7310
 Tel. British Columbia : 1 866 518-1348
www.bionest.ca