

DiUV Self-Cleaning

Self-Cleaning ultraviolet (UV) radiation unit for disinfection



Superior UV protection for your most important investment: your property

Features

Model	DiUV-C25
Hydraulic flow per min, Max	6.6 GPM (25 L/min)
Fecal coliform effluent	≤ 200 CFU/100 mL
BOD ₅ influent to UV	≤ 30 mg/L
TSS influent to UV	≤ 30 mg/L
Hardness of influent water	500 mg/L

Self-Cleaning 6 times a day
5 times more robust than a conventional unit

Advanced and Reliable

Effluent meeting government regulations at all times thanks to the self-cleaning feature – 6 cleaning cycles per day. Maintains the UV radiation performance level optimal in all conditions.

Compact

Small footprint for greater enjoyment of the property – ideal for new homes or the replacement of failing systems.


Cost-Effective

No analysis and drinking water test required.

Quality Control

Preassembled unit – for a quality installation and simple maintenance.

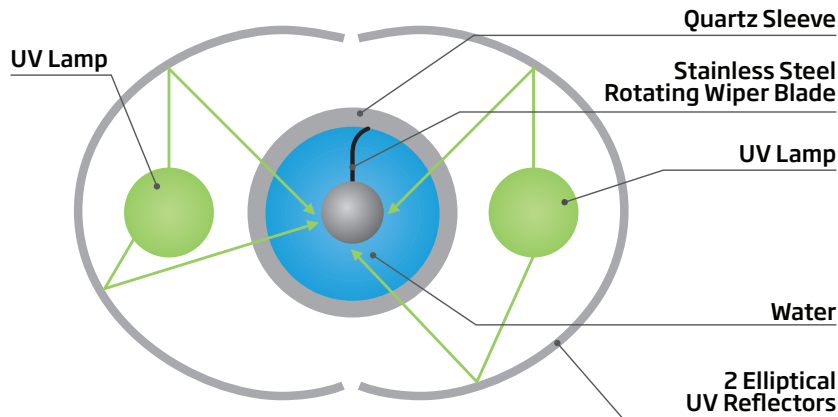


 The DiUV Self-Cleaning is compatible with most domestic wastewater treatment systems producing TSS ≤ 30 mg/L

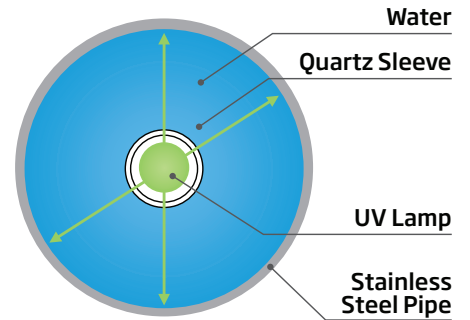
The most reliable unit of UV disinfection for domestic wastewater

The DiUV Self-Cleaning includes an automatic system that cleans the quartz sleeve daily to ensure maximum efficiency of the UV radiation for wastewater disinfection, independent of variations in water quality and lifestyle (high flow and zero flow periods) from one household to the next.

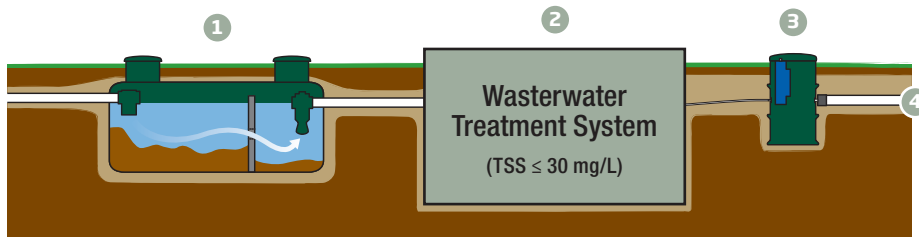
Self-Cleaning UV **CROSS X FIRE** TECHNOLOGY



Conventional UV System



Treatment chain that includes the DiUV Self-Cleaning



1 Septic tank equipped with an effluent filter

Domestic wastewater is directed to a septic tank for primary treatment separating solids from liquids.

2 Domestic wastewater treatment system (TSS ≤ 30 mg/L)

The system treats wastewaters coming from the septic tank.

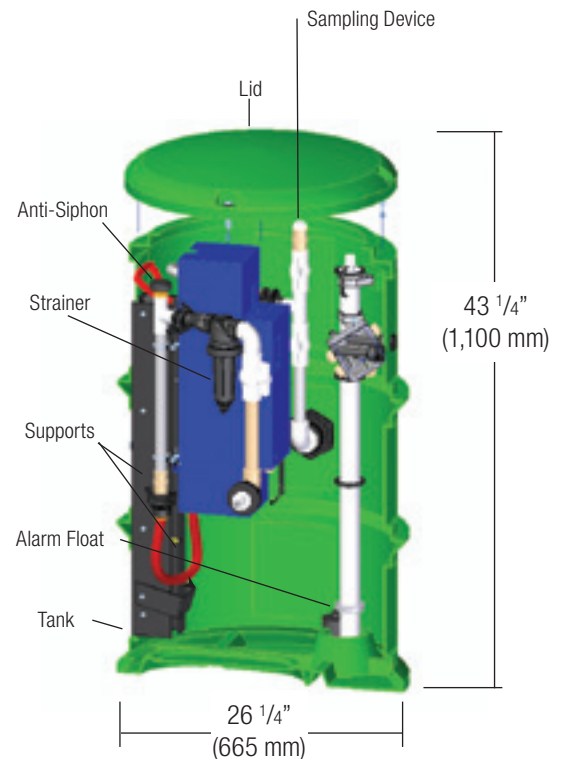
3 DiUV Self-Cleaning unit

To attain a tertiary treatment level, wastewaters from the advanced secondary septic system

are directed to the DiUV Self-Cleaning unit for disinfection. The water circulates through the quartz sleeve under controlled and constant flow rate, optimizing the duration of contact of the pathogens to the UV radiation for their maximum deactivation.

4 Final wastewater disposal

The treated wastewater is discharged in compliance with local regulations. Contact your wastewater professional for more details.



Weight: 75 lb (34 kg)