GRAF Treatment Plant

GUIDE FOR OPTIMAL SYSTEM OPERATION



INSTALLATION

- Installation must be as per manufacturer installation manual and guidance.



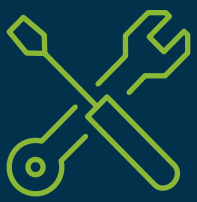
SIZING

- Sizing must conform to the rules and regulations set out in 'British Water Flows and Loads (4)'. Note that sizing based on British Water Flows and Loads (i.e. by bedroom count) may not always reflect the actual number of occupants, which can result in the system being effectively over- or under-loaded.



COMMISSIONING

- Systems should be commissioned and signed off by GRAF UK within 4 weeks of installation.



SERVICE & MAINTENANCE

- Service and maintenance of the system should be carried out by an appointed GRAF UK service provider and in accordance with manufacturer guidelines.
- In the first year, systems are to be serviced at 6 and 12 months.
- Annual servicing of the system is recommended thereafter.
- Note that biological systems take time to establish and generally perform optimally at 12 months subject to loading. Any testing prior to this may not show optimal levels.



DESLUDGING

- Treatment plants must be de-sludged at the correct time.
- This will be based on the sludge test results carried out at the maintenance visit. The service provider will advise the homeowner when the plant requires de-sludging.
- During desludging, the system should be turned off. However, the system should not be left off for prolonged periods of time.
- During de-sludging, 150mm of sludge must remain in the bottom of the tank and the system should then be filled 2/3 fresh water to ensure continuation of the treatment process.
- Note that having a tank desludged prior to any testing may affect effluent and test results.

T: 01608 661500 | info@grafuk.co.uk | **www.grafuk.co.uk**

Wastewater Treatment