

Time To Upgrade Your DAF System?

Is your DAF plant near the end of its life giving you unstable and poor performance, onerous maintenance and poor energy efficiency?

Doosan Enpure is the world leader of DAF technology for drinking water applications being at the forefront of DAF development since the late 50's, having installed the first UK DAF plant and the world largest capacity DAF installation. Across the UK, we have installed more than 89 DAF plants since 1988.



Doosan Enpure's continual research and development of DAF has led to a deep understanding of the process resulting in more compact, more efficient and less intrusive designs which offer improved integration into the complete treatment system.

Our experience in delivering both off site build and bespoke DAF design enables us to identify and implement improvements to legacy facilities with the aim of least impact on plant operation during works.

Our review and upgrade of your installation will include:

- Site audit
- Appraisal of raw water conditions
- Optimisation of the coagulation (coagulant type, dose, pH, mixing, etc...)
- Review of the flocculation design inc. CFD modelling
- Replacement of DAF nozzles with latest Enflo-DAF™ technology
- Upgrade of DAF header installation (where appropriate) to multiple headers to optimise energy input
- Flotation tank hydraulic optimisation
- Sludge removal system optimisation
- Strainer and recycle pump renewal
- Saturator optimisation

Please note that the above list is non-exhaustive and will depend on results of the site audit and performance review.

Our team of DAF experts will be delighted to work with you to modernise your installation to the state-of-the-art design ensuring the best performance of your plant for the next 20 years.



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