

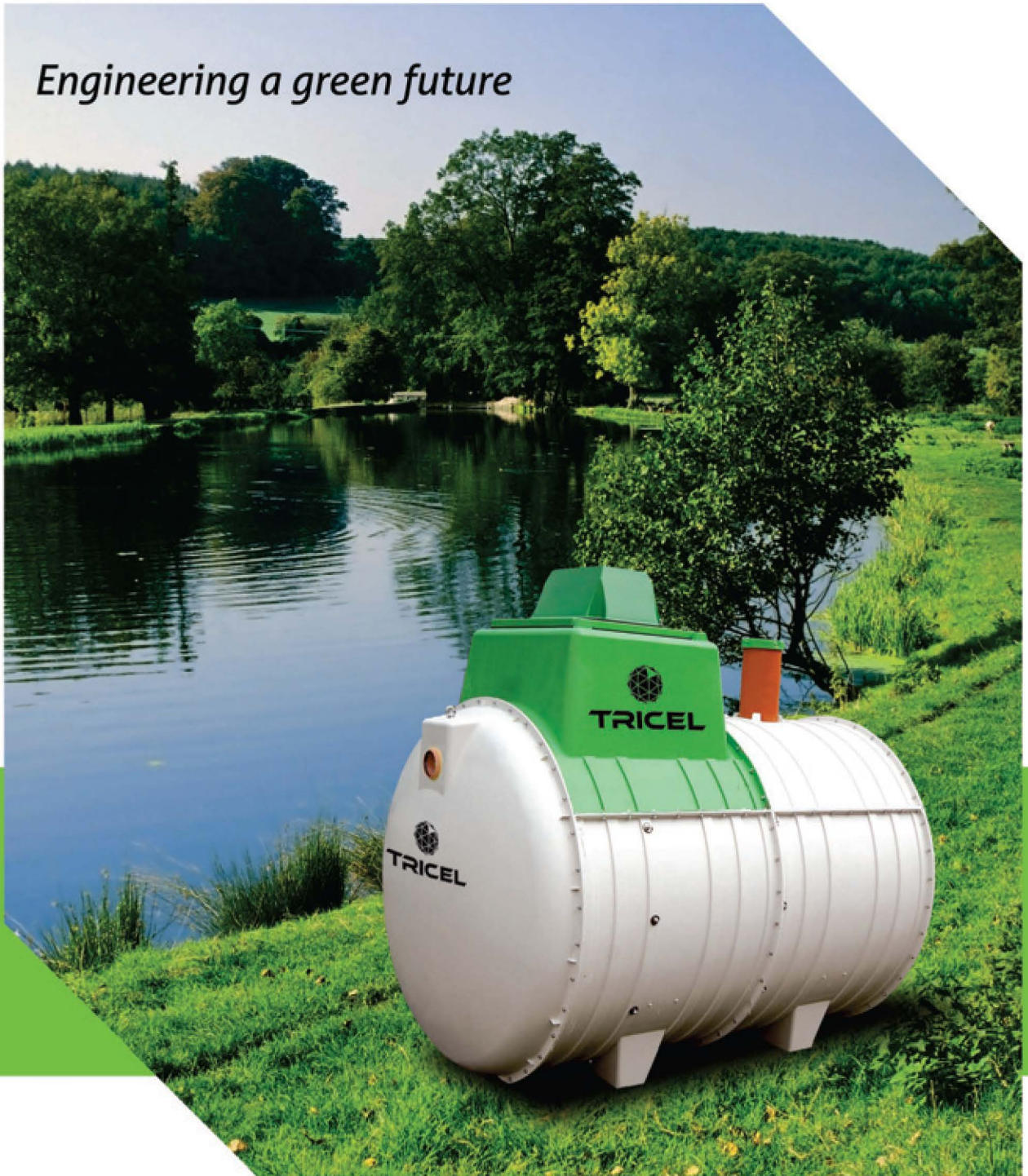


TRICEL
ENVIRONMENTAL

Tricel® Novo

Wastewater treatment plants for the UK

Engineering a green future



How a Tricel Novo works

Wastewater enters the primary settlement chamber where heavy sludge and solids separate from the liquid and settle at the bottom of the tank. A scum is formed at the surface of this liquid which keeps smells and odours from escaping.

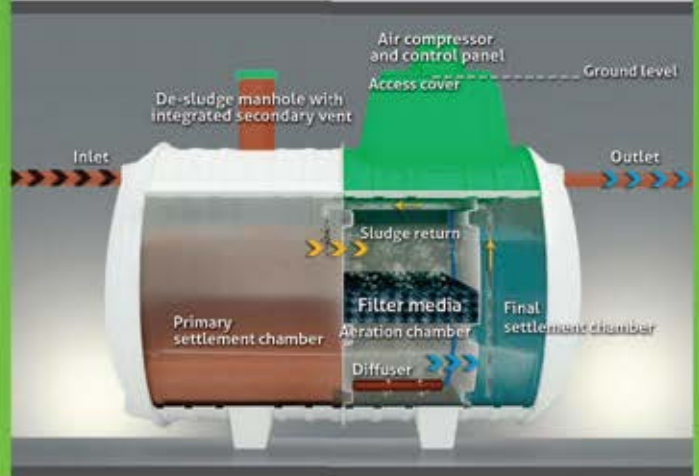
The effluent then passes into the aeration chamber where masses of naturally forming bacteria consume the impurities of the effluent. These bacteria are kept alive with air which is fed from a quiet, energy efficient air compressor. These bacteria attach and multiply on a specially designed filter media which has a lifetime guarantee.

This treated liquid then passes into the final settlement chamber where any residual sludge which may have passed through is returned via the sludge return system. The remaining treated liquid now meets the required standard and can be safely passed out of the Novo plant.

European certification requirements:

Wastewater treatment plants installed in Europe must attain the European certification EN12566-3. Plants are tested for structural strength, water tightness, durability and treatment efficiency.

Tricel Novo wastewater treatment plants comply with national requirements offering customers peace of mind that they are installing a fully approved plant.



Why buy a Tricel Novo?

UK manufactured

Local advice and back up service ensuring a swift response to after sales service calls.

Reliability

40 years in business, currently treating over 18 million litres of wastewater per day.

Easily installed

Lightweight for ease of installation. Most tanks depending on site conditions installed without concrete*

*Refer to installation manual

Durable

Manufactured from SMC (Sheet Moulding Compound) which is a type of fibre glass moulded under heat and compression ensuring an extremely strong and durable product.

Value for money

The Tricel Novo wastewater treatment plant is a durable long lasting product, expertly designed for effective and efficient treatment of wastewater.

Fast delivery

Large network of distributors serving all of the UK.

Certified

CE tested, certified to EN12566-3.

Long life components

The Tricel Novo wastewater treatment plant is the only plant in the European market using a ceramic quartz diffuser which does not get clogged or wear.

Easily maintained

Minimal maintenance needed as the system will run efficiently and effectively when properly operated and installed.

Full traceability

Every plant is inspected and water tested prior to leaving the factory with all components and production records logged for full traceability.

Clever design

Plants are designed with few electro mechanical components and no electronic components which ensures little or no breakdown risk.

Pumped discharge

A pumped discharge option is available if required avoiding the need for an additional pump chamber.



Novo UK6 being installed



Novo UK6 Wastewater treatment plant installed



Novo UK Wastewater treatment plant installed



Novo UK6 being installed

Novo Design population	No. of people	Length	Width	Height	Nominal inlet/outlet diameter	Weight empty	Inlet invert to base	Outlet invert to base	Inlet invert to ground level	Air blower rating
		m			mm	kg	m		watts	
UK6	1-6	2.1	1.64	2.24	110	275	1.375	1.3	0.535	60
UK8	2-8	2.6	1.64	2.24	110	300	1.375	1.3	0.535	100
UK10	3-10	3.1	1.64	2.24	110	375	1.375	1.3	0.535	100
UK12	4-12	3.6	1.64	2.27	110	400	1.375	1.3	0.535	100
UK18	6-18	4.6	1.64	2.27	110	500	1.375	1.3	0.535	200
UK24	8-24	5.6	1.64	2.27	150	600	1.35	1.3	0.56	200
UK30	10-30	6.6	1.64	2.27	150	700	1.35	1.3	0.56	200
UK36	Tank A	2.6	1.64	1.99	150	300	1.35	1.3	0.46	
	Tank B	5.6	1.64	2.27	150	600	1.35	1.3	0.56	200 + 80
UK42	Tank A	3.6	1.64	1.99	150	400	1.35	1.3	0.46	
	Tank B	5.6	1.64	2.27	150	600	1.35	1.3	0.56	200 x 2
UK50	Tank A	3.6	1.64	1.99	150	400	1.35	1.3	0.46	
		6.6	1.64	2.27	150	700	1.35	1.3	0.56	200 x 2

Tricel Novo optional extras

- **Distribution box** to evenly distribute the treated wastewater into the polishing filter. Extensions also available.
- **Manhole risers** available for deeper installation requirements. 250mm, 500mm & 750mm.
- **Pumped discharge** option for pumping up hill or into a raised polishing filter.
- **Remote kiosk** to house electronic components.
- **Range of service contracts** available carried out by our trained and experienced service crews.
- **Emergency breakdown contracts.**



