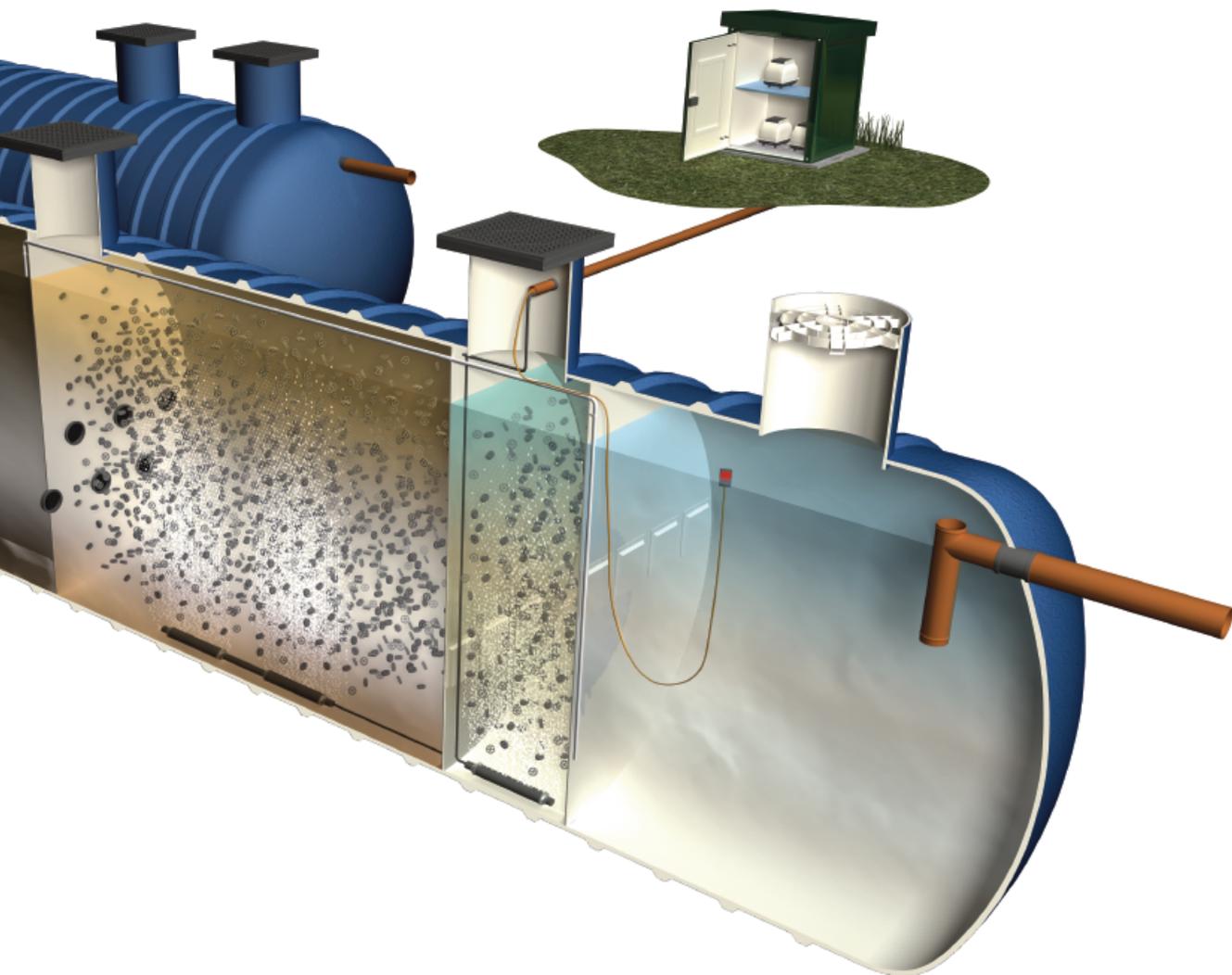


Marsh:Standard

Cost-effective sewage treatment plants

The UK 'industry-standard' range of sewage treatment plants for domestic, commercial, industrial and agricultural applications



CE

 **MADE IN
BRITAIN**



Marsh:Standard

Cost-effective sewage treatment plants

Biological processing for off-mains wastewater

Overview

Marsh:Standard cost-effective sewage treatment systems provide biological treatment to off-mains wastewater on large residential, commercial, industrial and leisure sites ranging from 50-300+PE.

Proven reliability of the simple but effective Submerged Aeration Filtration (SAF-MBBR) system offers both operating and financial benefits when compared to more complex and expensive alternatives that require frequent servicing and maintenance to sustain performance.



Benefits

CE approved

Designed and approved to BS12566.

Plant sizing

Systems available from 50-500+ PE in sizes ranging from Ø2.5-3m satisfies the demands of virtually all site conditions.

Class-leading effluent quality

Designed to British Water loadings (150litres per person, 60mg BOD litre and 8mg/litre Ammonia) ensures effluent discharge is well within national consent standards.

Cost-effective operation and maintenance

Systems have no internal moving parts and require minimal ongoing maintenance.

Heavy duty shell as standard

Structurally sound and built to last. Enables easy installation in all ground conditions.

High media surface area

High specification bio-media (310m³ per m²) and membrane diffusers provide even circulation to eliminate 'dead spots'.

Low energy compressor(s)

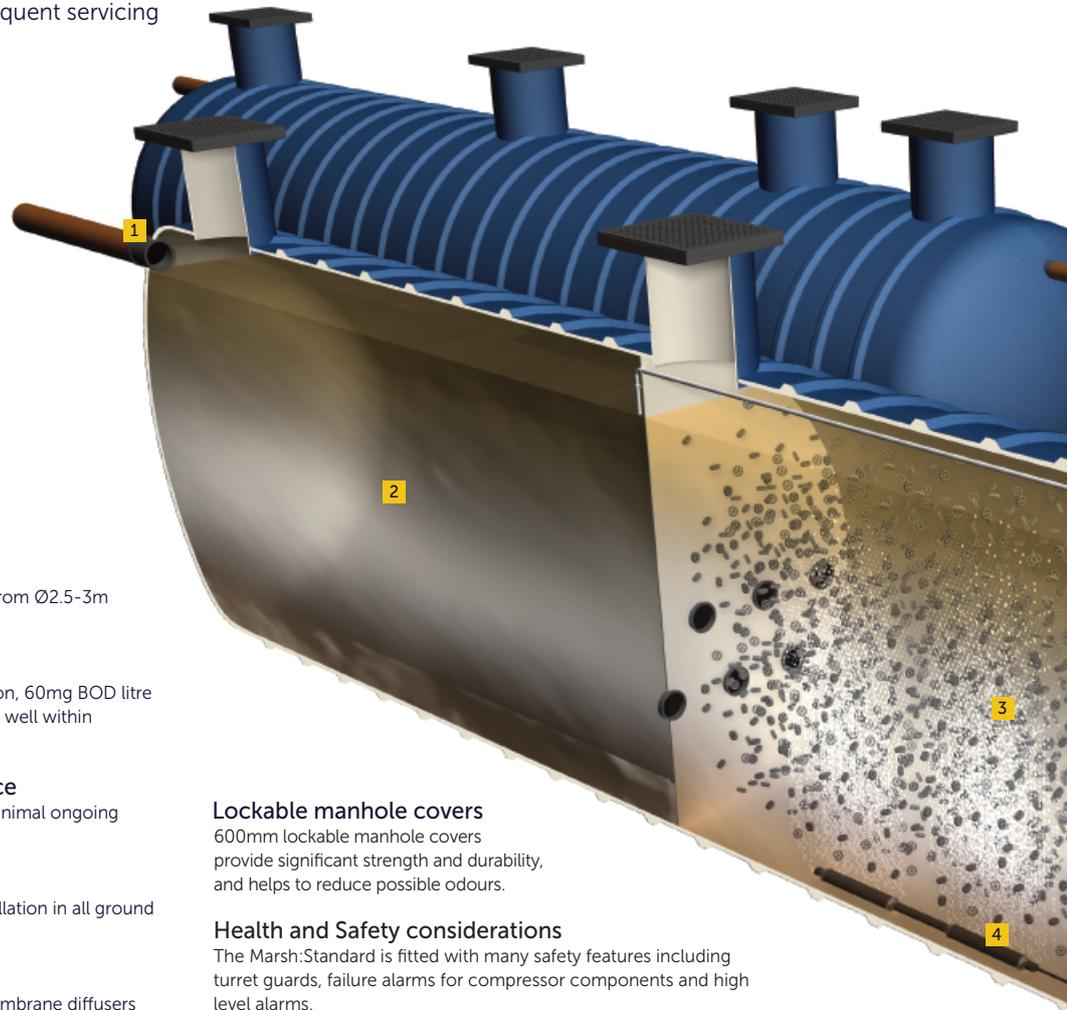
Easily accessible low energy compressor for minimal running, maintenance and servicing costs. Integral alarm detects low pressure in air line.

Internal recirculation

Continues the treatment process to provide higher effluent quality whilst balancing flow over 24 hour period or periods of intermittent use.

High level alarm

High level alarm supplied as standard on all models.



Lockable manhole covers

600mm lockable manhole covers provide significant strength and durability, and helps to reduce possible odours.

Health and Safety considerations

The Marsh:Standard is fitted with many safety features including turret guards, failure alarms for compressor components and high level alarms.

Optional extras

Optional extras include Polylok tertiary filters for improved effluent output, extensions for deep installations, carbon covers, telemetry alarms, pumped outlets for sites with adverse levels, sample chambers, Degrielleur trash barriers, phosphate reduction and UV treatment chambers.

Manufactured in the UK

All units are manufactured in our twin manufacturing plants at Kettering and Bridgwater. The tanks are constructed using GRP (virgin unfilled resin – no 'fillers' such as chalk) providing consistent wall thickness ensuring superior structural strength and durability.

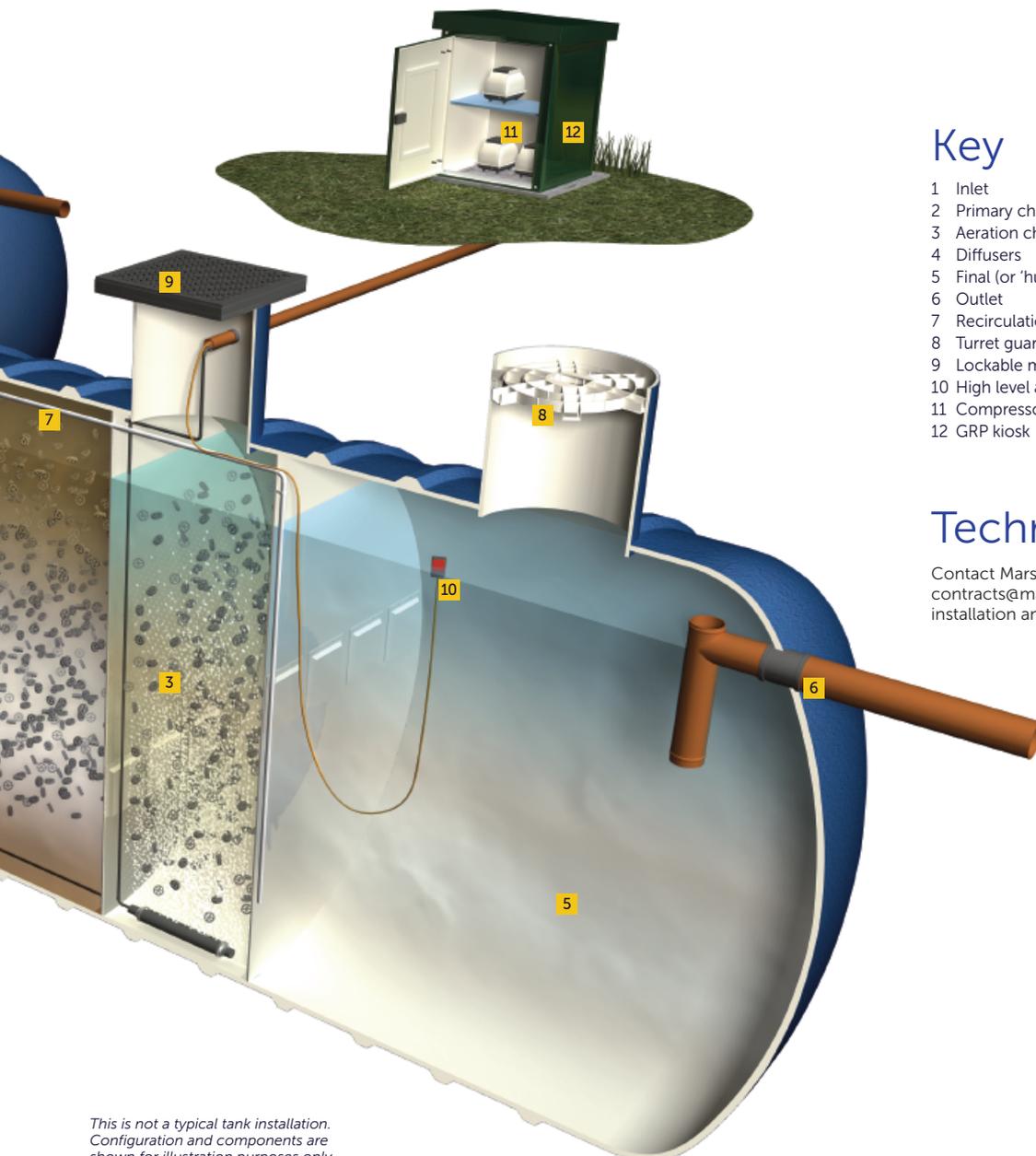


Specifications

Model	Population served	Width	Length	Height	Inlet		Outlet		Turrets x 4 Ø	Desludge Days
					Invert	Ø	Invert	Ø		
MS55	50-55	2500	4160	2950	600	160	800	160	600	90
MS60	60	2500	4470	2950	600	160	800	160	600	90
MS70	70	2500	5350	2950	600	160	800	160	600	90
MS85	85	2500	6000	2950	600	160	800	160	600	90
MS100	100	2500	6950	2950	600	160	800	160	600	90
MS125	125	2500	8550	2950	600	160	800 <td 160	600	90	
MS150	150	2500	10200	2950	600	160	800	160	600	90
MS200	200	2500	13400	2950	600	160	800	160	600	90
MS250	250	3000	9650	3450	600	160	800	160	600	60
MS300	300	3000	9650	3450	600	160	800	160	600	45

Notes:

- > Pumped outlets are available
- > The dimensions given on this page are for guidance only
- > For precise tank sizes and configurations, please contact Marsh Industries
- > All dimensions in mm



Key

- 1 Inlet
- 2 Primary chamber
- 3 Aeration chambers
- 4 Diffusers
- 5 Final (or 'humus') chamber
- 6 Outlet
- 7 Recirculation to primary chamber
- 8 Turret guard
- 9 Lockable manhole covers
- 10 High level alarm (supplied as standard)
- 11 Compressors
- 12 GRP kiosk

Technical support

Contact Marsh Industries on 01933 654582 or email contracts@marshindustries.co.uk for FREE design, installation and technical support.

This is not a typical tank installation. Configuration and components are shown for illustration purposes only



Marsh Industries

Marsh Industries delivers world-class water/wastewater treatment products and solutions to the domestic, commercial and agricultural sectors from its UK manufacturing plants in Kettering and Bridgwater.

The company is recognised as a collaborative and trusted partner to its customers, with a reputation for providing quality products that really do add value:

- Sewage treatment plants 4-500+ PE
- Pump chambers 234-20,000+ litres
- Septic tanks and cesspools 2800-20,000+ litres
- Uni:Gem™ septic conversion units 4-60+ PE
- Marsh GMS grease traps 234-20,000+ litres
- Degrilleur™ trash/debris barrier
- Agri-silage tanks Up to 100,000 litres
- Storm:Dammer™ stormwater attenuation Up to 130,000 litres
- RainCell™ rainwater harvesting systems 1500-20,000+ litres
- Hydroil™ oil separators

All products are fully type-tested and certified to ensure compliance with relevant environmental permitting programmes and building regulations.

In addition, the company's state-of-the art computer software, GAIA, can generate precise, bespoke commercial sewage treatment plants and pump chamber systems to the finest specification.



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