



Uni:Gem SAF 25-450PE

High Specification Sewage Treatment

**ABOVE OR BELOW
GROUND**



The Uni:Gem SAF Plants are designed for above or below ground installation, the plants are intended to improve either a failing sewage treatment plant or to add additional effluent treatment. The plants are manufactured from high performance 10mm SMC with Stainless Steel fixings. Fine air bubble oxygenation is undertaken by using high performance Bibus compressors, diffusers and 320m²/m³ media. The plants are extremely strong with a small footprint which contributes to a fast and safe installation. The plants operate a continuous process of activated sludge return to further improve the final effluent quality. The plants airflow, media and retention calculations are specific for the individual site and consent standard. The plants are built with the aim to keep ongoing maintenance to a minimum, they are simple in operation with easy access for desludging.

Designed To British Water Loads & Flows

- Dry weather flow 200 litres per person / 24 hours
- Biological Oxygen Demand (BOD) = 60 grams per person / 24 hours
- Ammonia = 8 grams per person / 24 hours

The plants incorporate airlift pumps to remove sludge from the humus chambers. Plants are designed to achieve better than 20:30:20. Plants can be manufactured to achieve even higher standards. The plants come with compressor alarms as standard. Pumped outlets are available. Optional extras include high level alarms, platforms, ladders and standby compressors.



BRITISH WATER

Other Marsh Products

- Uni:Sewage Treatment Plants
- Uni:Above Ground Sewage Treatment
- Flood Prevention Valves
- Uni:Holland Pump Stations
- Well Water Rain Harvesting Systems
- Grease Traps
- Control Cabinets
- Pumps & Compressors
- Geceptor Bypass Separators

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