DRAINAGE AND INTERCEPTOR MAINTENANCE/OIL STORAGE MAINTENANCE AND COMPLIANCE

Andel Grease Separators

Andel's HDPE grease separator tanks offer long-term protection, helping you meet legal obligations and environmental best practice



Overview

Underground-installed separators designed to prevent FOG (fats, oils and grease) pollution. The seamless HDPE body with reinforced ribbing ensures structural integrity, and installation is faster and more cost-effective than traditional GRP alternatives.

Typical applications

Butchers, meat factories, restaurants, pubs, hotels, guest houses, inns, wedding venues, slaughterhouses, fry shops, fish processing plants, industrial kitchens and cooking oil / margarine production factories. Removing grease, starch and fats before wastewater enters the foul sewer reduces the risk of clogging pipework, drains and sewage pumping systems.

How it works

Wastewater flows through an integrated desilter chamber where solid food particles settle. Lighter substances (fats, oils and grease) rise to the surface and are trapped by a weir baffle, while heavier materials sink.

Engineered to protect

A two-stage gravity process compliant with BS EN 1825, including an integrated desilter chamber and grease separation zone. Features an odour-tight, quick-access lid with optional overflow and fat-layer alarms.

Benefits at a glance

- Effectively separates FOG from wastewater
- Prevents pipe blockages and costly drain issues
- Integrated desilter chamber improves performance
- Durable HDPE construction — resistant to chemicals, temperature and corrosion
- Range of sizes and capacities to suit any installation
- Lightweight and easy to transport and install
- Treated effluent meets regulatory standards
- Optional alarms for overflow and fat-layer monitoring
- 10-year tank warranty
- Fully compliant with UK and EU standards
- Easy-access design for hassle-free cleaning

Warranty: 10-year tank warranty

Configurations

ST7
L 1,530mm × W 1,000mm × H 1,590mm
Without desilter chamber. Nominal flow 7 l/s; volume 2,100 L; inlet/outlet Ø160mm; inflow height 1,080mm; outflow height 1,020mm

TECHNICAL INFORMATION

GST1.5 / GST2

Material: HDPE

Manhole: 600mm (1×)

Cover: PKP 600

Standard: BS EN 1825

GST3 / GST4 / GST6

Material: HDPE

Cover: PKP 950

Standard: BS EN 1825

Optional: Extension shaft NSP 950, anti-foam system, overflow / fat-layer alarms

ST7 (WITHOUT DESILTER CHAMBER)

Nominal flow: 7 l/s

Volume: 2,100 L

Inlet / outlet diameter: Ø160mm

Inflow height: 1,080mm

Outflow height: 1,020mm

Tank dimensions: L 1,530mm × W 1,000mm × H 1,590mm

Material: PE-HD (high-density polyethylene), resistant to aggressive fatty acids

Manhole: 950 × 750mm (1×)

Cover: PKP 950, pedestrian rated, gas-tight (odour reduction)

Features: Designed for easy cleaning; handles for lifting

Standard: BS EN 1825

Optional: Extension risers for manhole cover, overflow and fat-layer thickness alarms, round adapter for cast iron manhole covers

Standards & certifications

- BS EN 1825