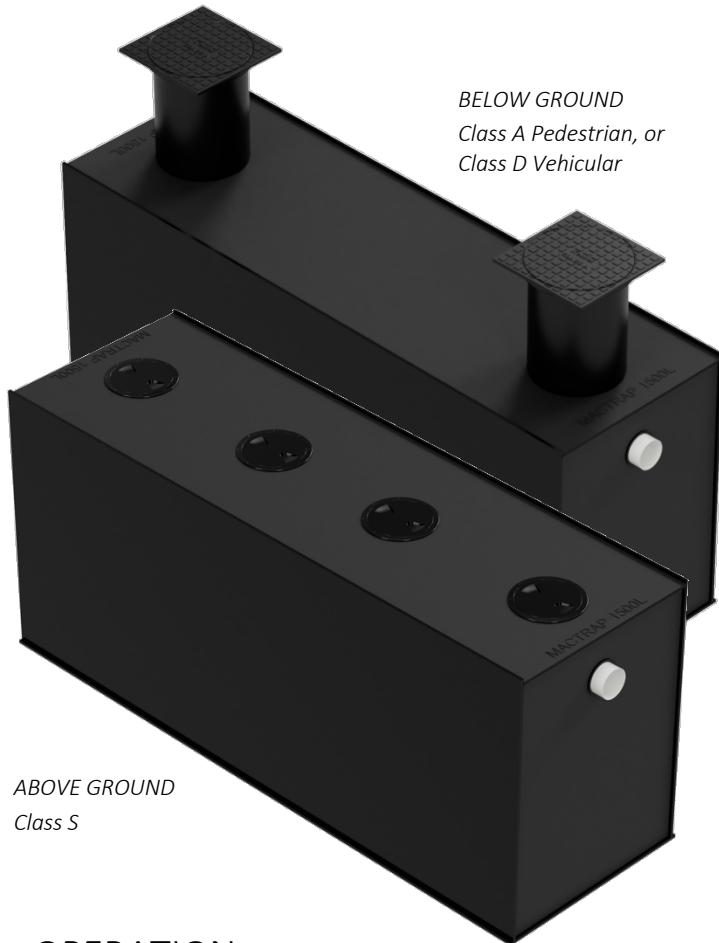


GREASE

MTPT1500 – GREASE SEPARATOR DATASHEET

ABOVE OR BELOW GROUND INSTALLATION



*BELOW GROUND
Class A Pedestrian, or
Class D Vehicular*

*ABOVE GROUND
Class S*

Product code	MTPT1500S	MTPT1500A/D
Total Volume	2031 l	2031 l
Treatment Capacity	1557 l	1557 l
Grease Containment	389 l	389 l
Length	2400 mm	2400 mm
Width	806 mm	806 mm
Height	1050 mm	1500 ¹ mm
Inlet invert	855 mm	855 mm
Outlet invert	805 mm	805 mm

¹ Includes height of riser

Accessories

Class A or D sampling chamber	MTIC350A/D
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OPERATION

Mactrap grease separation systems intercept fats, oils, and grease (FOG) collected in wastewater from sources such as kitchens, bakeries, and food processing plants. These grease separators are amongst the lightest weight and most durable FOG capture systems available.

Wastewater enters the separator and the heavier food sediment sink to the bottom of the chamber while at the same time the FOG rises to the surface. Cleaned wastewater exits the separator without allowing any of the separated sediment or FOG to leave the separating chambers.

WARRANTY

The Mactrap grease separator is warranted for impermeability, fitness for use and structural stability for thirty (30) years when installed underground and ten (10) years when installed above ground. The manufactured unit is warranted for quality of manufacture for five (5) years provided the separator is installed and operated in accordance with the specifications provided with each unit. Mactrap warranty does not include maintenance and servicing of the separator.





AFTER-INSTALLATION CARE AND SERVICING

Whilst this product is highly robust, care is required to ensure efficient operation.

Water temperature

The separator is certified to operate with water temperatures up to 65°C. Higher continuous temperatures may cause sagging when installed above ground.

Chemicals

The separator is tested to handle most kitchen factory type chemicals especially as they are usually diluted with water. Pure benzene and concentrated sulphuric acid should not be used.

Sink Filters

Loading the separator up with food waste will increase the frequency of clean outs along with the associated cost. The more food waste pre-removed using sink filters, the higher the efficiency of the separator and the lower the cost of operation.



Clean Out

The frequency of clean out is totally dependent on how much FOG and food sediment is intercepted. Most separators are sized for a three-monthly cleanout, however heavy usage may require more frequent clean outs. In normal circumstances separator are cleaned out by a vacuum truck. The entire contents are drained and removed before refilling the separator for continued operation.

COVERS AND RISERS

Mactrap grease separators can be installed in ground or above ground. The upper surface of the separator is not load bearing, so if the installation will carry load, then risers and covers must be installed.

- Mactrap separators are available with HDPE trafficable lids in Class A (pedestrian) and Class D (vehicular).
- Flexible coupling allows easy installation into the surrounding medium and are fully sealed.
- Surrounding concrete or other medium must be engineered to the appropriate loading.

Type	Class	Typical Use	Nominal Wheel Loading (kg)	Serviceability Design Load (kN)	Ultimate Limit State Design (kN)
	A	Areas accessible strictly by pedestrians. Not suited to vehicles. Purpose – residential backyards, walkways not accessible by vehicles.	330kg	6.7kN	10kN
	D	Major roads including freeway and motorway shoulders. Warehouse and loading docks. Purpose – major roads.	8,000kg	160kN	240kN

