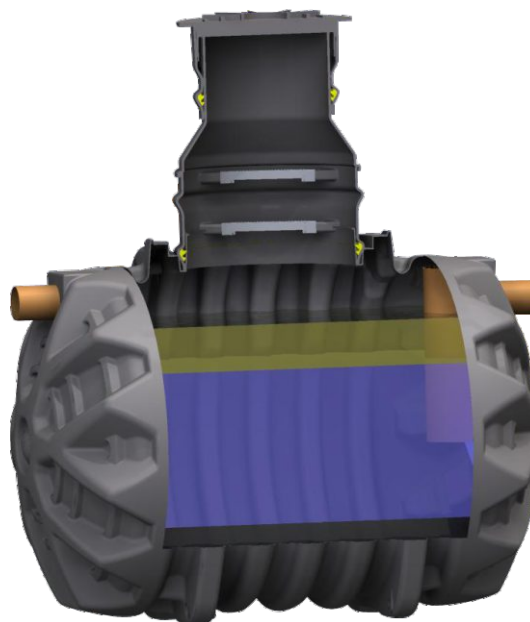


GreaslyTM

GREASE SEPARATORS



GREASLY vertical model



GREASLY horizontal model

Application

Grease separator GREASLY is designed to remove grease contaminants from waste water. The separator was developed in full accordance with the requirements of EN 1825 standard. GREASLY represents the newest know-how of our company in the field of grease separation.

Typical application of GREASLY is treatment of wastewater containing grease from hotels, restaurants, cafeterias and other catering or food processing operations. The grease separator is supplied as complete plant fully equipped for the most efficient treatment. GREASLY contains no moving parts, therefore its function is very reliable. The separator requires only little service which is limited only by removal of accumulated grease layer and sludge.

Design and operation

GREASLY is manufactured from polyethylene by modern process of rotational moulding. The great stiffness of the separator body is achieved due to the advanced design and structure of the ribs. The main advantage of this solid structure is that GREASLY can be mounted deep in the ground without any concrete reinforcements. Moreover, the grease separator made from plastics is light to transport and quick to install.

A sludge trap is integrated in the grease separator.

Incoming greasy wastewater is introduced into the separator under water surface through the inlet pipe. Solids and other particles heavier than water settle in the sludge trap on the bottom of the tank. As the water passes horizontally through the separator, grease particles, lighter than water, are driven upwards by gravity. Grease contaminants are accumulated in the collection area on the water surface and removed during the maintenance. Treated water is discharged through the outlet pipe.



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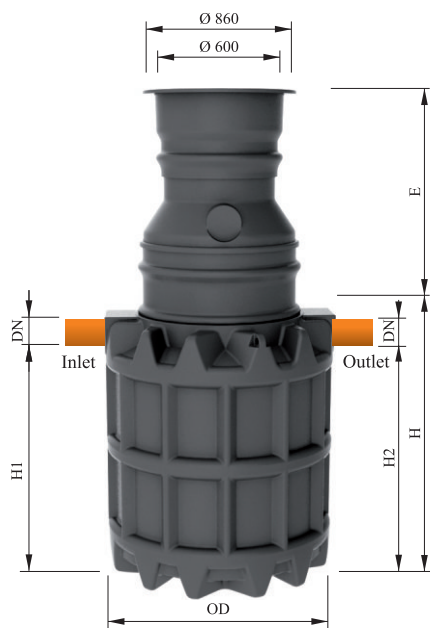
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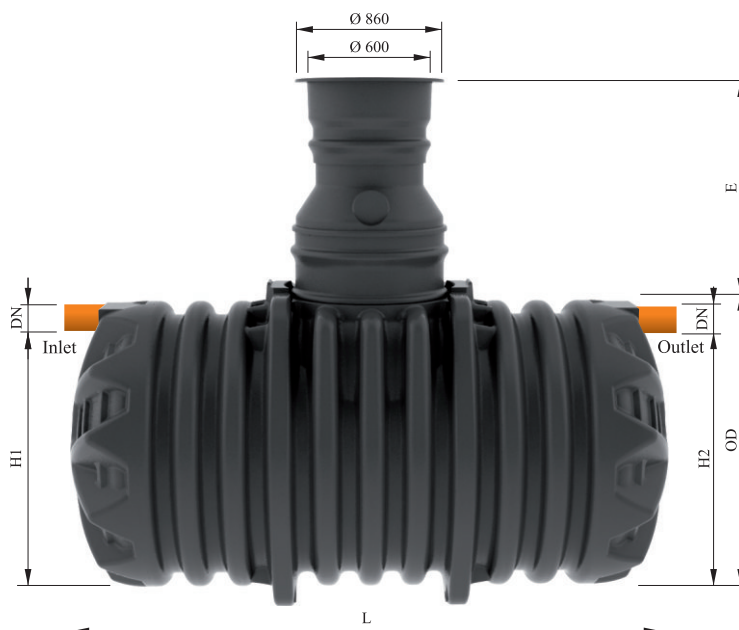
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GREASLY vertical execution



Type	Flow rate, l/s	H, mm	H1, mm	H2, mm	OD, mm	DN, mm
Greasly-1	1	1260	990	920	860	110
Greasly-2	2	1500	1310	1240	1300	110
Greasly-4	4	2000	1810	1740	1300	110

GREASLY horizontal execution



Type	Flow rate, l/s	L, mm	H1, mm	H2, mm	OD, mm	DN, mm
Greasly-7	7	2400	1200	1130	1450	160
Greasly-10	10	2500	1500	1430	1720	160
Greasly-15	15	3500	1450	1380	1720	200
Greasly-20	20	4500	1450	1380	1720	200
Greasly-25	25	5500	1450	1380	1720	200

Features and advantages

- Rigid construction.
- Quick to install since no concrete works required.
- Integrated sludge trap.
- Easy to transport due to low weight.
- Telescopic maintenance shaft for adjustment of the lid flush with the ground surface (adjustment range 200 mm).
- Integrated ladder providing easy and safe access into the tank.

As an option, an automatic alarm device type LS-2 (grease alarm) can be installed for measuring of accumulated grease layer. If grease storage space is full, the device is actuating alarm signal. The alarm device type LS-2 can be used to control pumps, shut-off valves etc.



Approvals

Waste water emission is controlled more and more strictly by increasingly stringent legislation. Eneka is ready to comply with the new requirements, having developed a series of grease separators, which have been designed in full accordance with the requirements of the EN 1825 standard. GREASLY is ensuring the residual grease content less than 25 mg/l in the outgoing wastewater. Watertightness and mechanical resistance against the ground and groundwater pressure of the separators are guaranteed by tests according to the EN standard as well.



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