GREASE SEPARATORS

RoGre

TECHNICAL DATA SHEET / 7400775340

Document number : M9.1 / 2019

PRODUCT DESCRIPTION

Grease separators are used in industrial or catering establishments where greater amounts of grease, oil, fats and other light liquids are flown into the kitchen drain or other outflows.

Contaminated waste water must be purified of grease and fats before it drains into the waste water treatment plants or sewage systems.

In the grease separators, density of liquids and built in equipment ensure efficient separation of light liquids from water. Free standing grease traps can be installed under the washbasin or in the basements, so the construction works and heavy mechanization are not necessary.

The grease traps are made of environmentally friendly polyethylene which can be 100% recycled after the use.

It is designed and dimensioned in accordance with the standard SIST EN 1825-1 and SIST EN 1825-2.

TECHNICAL DATA RoGre NG 10

ROTO GREASE SEPARATOR ADVANTAGES

- **High cleaning efficiency**
- Low maintenance costs
- **Long life service**
- Easy and fast installation
- **Fast delivery to the facility**
- ROTO installation possibilty
- **Made according to EU standards**
- Calming inlet pipe
- **Flat bottom of the tank**
- Slovenian product

Technical data	Values
Nominal flow	10 L/s
Total volume	4000 L
Maximum mud volume	1627 L
Maximum grease amount	1174 L
Installation	Underground or free standing
Dimension D x H	Φ 1800 x 2450 mm
Diameter of revision openings	Φ 800
Material	Polyethylene [PE]
Inflow and outflow pipe diameter	DN 160
Standard	SIST EN 1825 – 1, 1825 – 2
Grease content at the outlet	/
UV resistant material	Yes
Cover	PE walk - on cover up to 200 kg
Water outflow	In sewage system or WWTP

4 LDPE ZAG P 0087/17-680-1 EN 12566-3 ZAG P 0087/17-680-2 EN 12566-3 CE

MECHANICAL RESISTANCE AND STABILITY

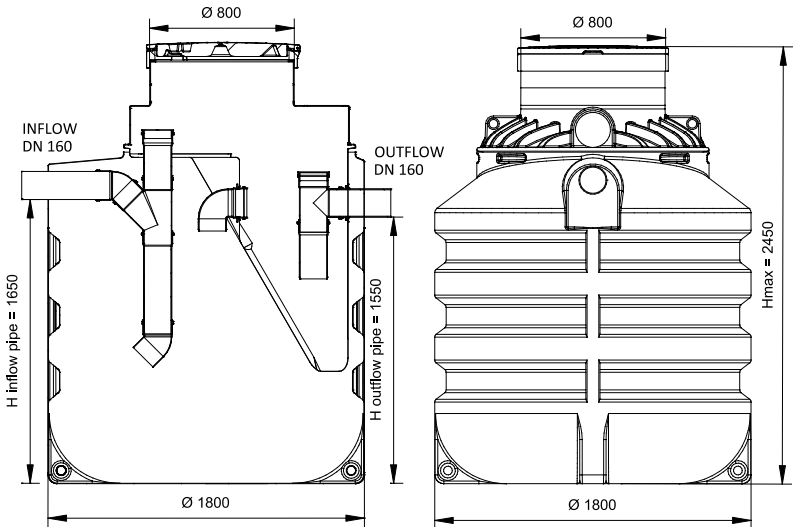
Mechanical resistance and stability is checked (Report no.: P 0087 / 17 – 680 – 2) by the institute:

Slovenian national building and civil engineering institute, Dimičeva ulica 12, 1000 Ljubljana

WATERTIGHTNESS

Watertightness is checked (Report no.: P0087 / 17 – 680 – 1) by the institute:

Slovenian national building and civil engineering institute, Dimičeva ulica 12, 1000 Ljubljana



ADDITIONAL INFORMATIONS

INSTALLATION

Installation of the RoGre grease separator is simple and does not require heavy mechanization. To install the separator it is necessary to excavate the pit, install the separator and fill it with the water at the same time. Connect it with the inflow and the outflow pipes (DN 160 connections). Follow the instructions on the QR code.

Instructions for installations

OPERATION

Water contaminated with waste oils, grease and fats flows into the first chamber of the separator. First chamber has a function of a settler, where the solids is settling to the bottom and the grease is raised to the surface. Remaining water mixed with the grease drains into the second chamber which has a function of a secondary separator, where the remaining grease is raised.

MAINTENANCE

The control of the grease separator must be carried out in accordance with the technical map and the operation logs. Maintenance of the grease separator involves the removal of the sediments, grease and cleaning of the tank. Cleaning of the tank should be performed by the maintainer or authorized person to ensure that the waste is handled in accordance with the legal regulations.

Roto Eco d.o.o.

Puconci 12, 9201 Puconci,

SLOVENIA

Customer support: (+386) 2 5252 152 **Technical support:** (+386) 2 5252 196 **Web page:** www.roto-group.eu

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