

PROFESSIONAL GREASE SEPARATOR

975718, 975725, 979945



User Manual

Dear Customer,

Please carefully read all information provided in this user manual, before connecting the device. Improper operation of

the device may lead to damage. Most importantly, we are urging you to read the safety rules.

Safety Rules

- The device should be placed horizontally, on a hard and stable surface.
- Improper operation and handling of the device may cause injuries.
- The device may only be used for its intended purpose. The manufacturer accepts no liability for any damage caused by improper operation and handling.
- Make sure there are no items close to the device's housing.
- Once a week check for impurities in the tank and remove them, as necessary.
- If there is any damage to the device it must be checked. If necessary, have it repaired by a specialized company, before operating it again. Never repair the device by yourself.
- The device may not be operated by individuals (including children) who are not physically and mentally fit for operating it properly.

The main purpose of the grease separator is to prevent grease of plant and animal origin to enter the sewage system. The device was designed for sewage treatment purposes in hotels, restaurants, bars, canteens, slaughter houses, food processing facilities, etc.

The device may work together with dish-washers with the following water use consumption standards:

- 5 l per washing cycle and washing time no shorter than 1 minute - for separator 975718;
- 10 l per washing cycle and washing time no shorter than 1 minute - for separator 975725;
- 30 l per washing cycle and washing time no shorter than 1 minute - for separator 979945.

Operating Principle

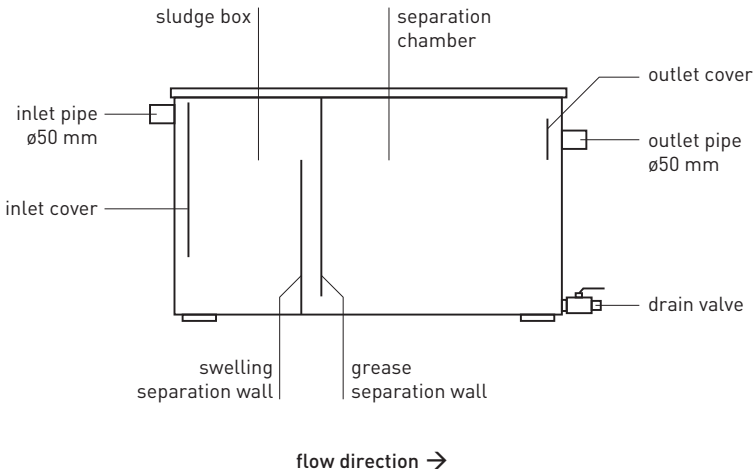
The grease separator operates gravitationally (the difference of mass between water and grease); the heavier substances present in the sewage (sediment) drop to the bottom, while the lighter substances (e.g. animal grease and oils) float up to the surface. The inflowing sewage is directed to screens and separation walls integrated inside the separator. This serves to reduce the rate of flow and to uniformly divide the stream. The separation of light substances (grease) and sediment from dirty water takes place only through gravity.

The entire content of the separator, namely the grease, water and sediment, must be completely removed in regular cycles. For cleaning the separator, it must be fully filled in with water that conforms to the local regulations on sewage disposal.

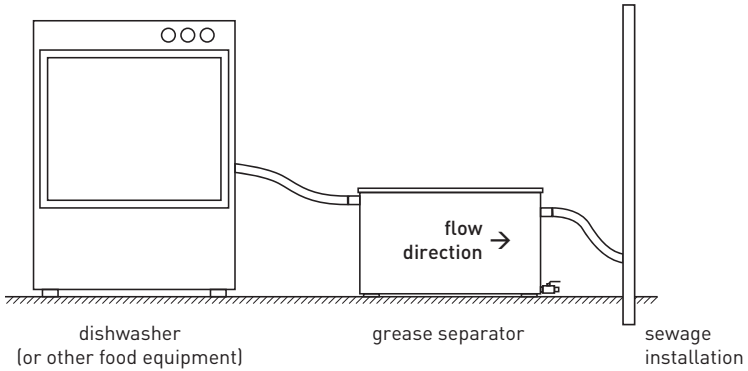
Technical Data

model	dimensions (mm)	total capacity of chambers	capacity of sludge box	inlet connection	outlet connection	weight
975718	650x346 x(H)308 mm	30 L	10 L	Ø50 mm, at the height of 258 mm from the floor	Ø50 mm, at the height of 223 mm from the floor	13 kg
975725	728x416 x(H)398 mm	60 L	20 L	Ø50 mm, at the height of 348 mm from the floor	Ø50 mm, at the height of 313 mm from the floor	17 kg
979945	903x548 x(H)629 mm	180 L	45 L	Ø50 mm, at the height of 562 mm from the floor	Ø50 mm, at the height of 492 mm from the floor	34 kg

Device Schematics



Connection Diagram



Cleaning

The separator is designed to collect grease and sediment from sewage water. The separator should be systematically emptied, once a week, to prevent excessive accumulation of grease and clogging of the device, as well as foul odour.

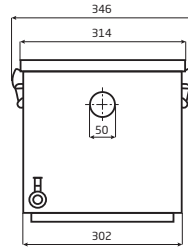
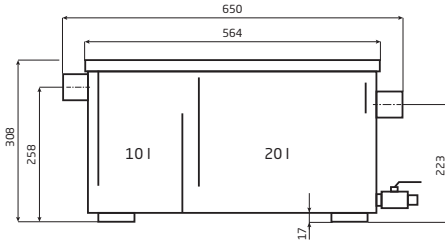
To remove the grease from the separator, open the drain valve in the separation

chamber. Use a spatula to remove thick grease from the sludge box and the separation chamber. The waste from the separator must be performed by a specialized waste disposal company.

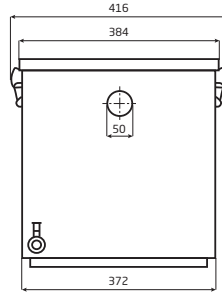
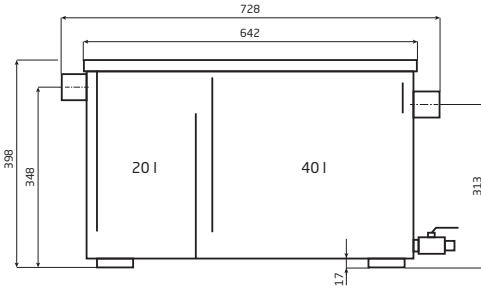
Only low-foaming and non-aggressive detergents for stainless steel may be used for cleaning the grease separator.

Dimensions

601030



601060



601180

