

# aquaClean grease remover with elevated mounting

## AquaClean Grease Separator NG 0.3 free standing

### Intended use:

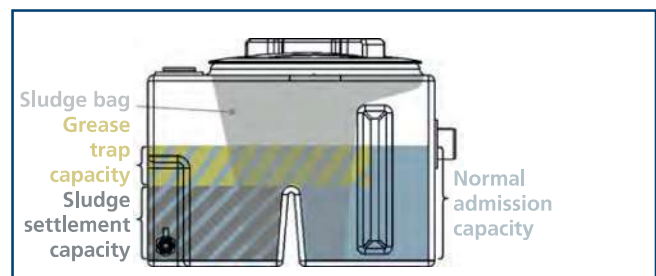
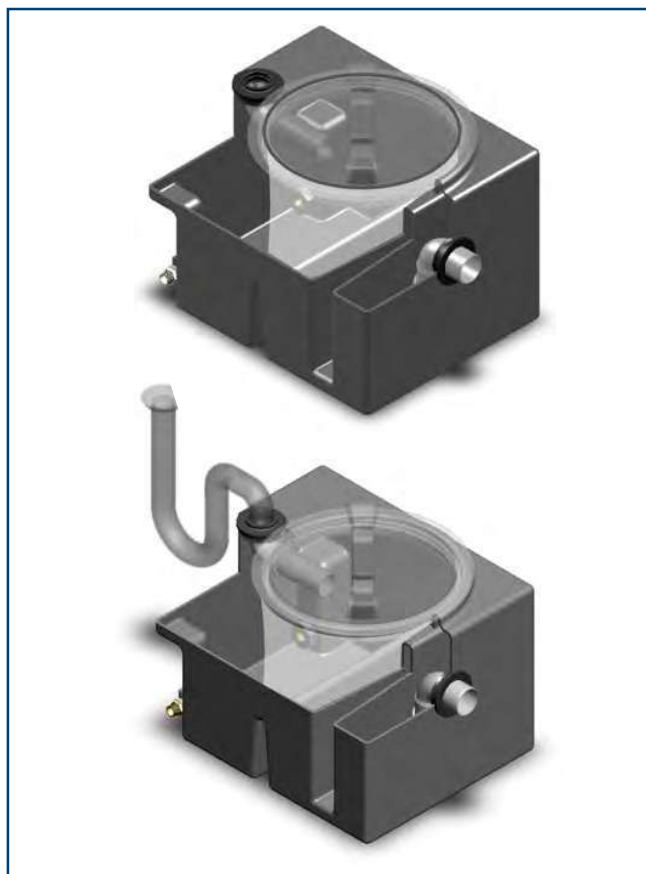
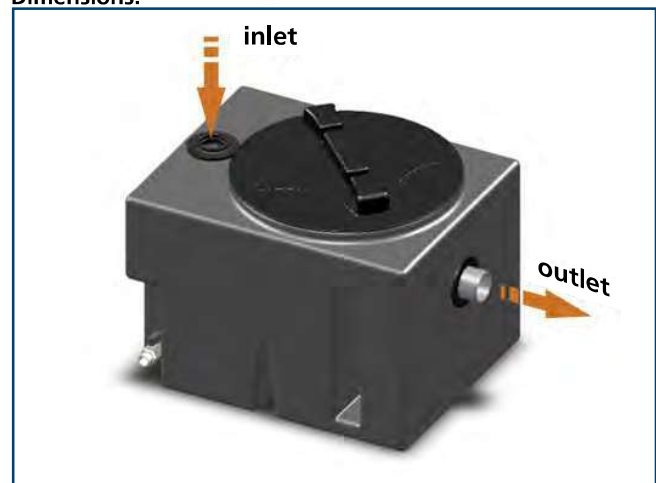
- The grease remover shall be mounted above ground for:
- any type of dishwasher for a maximum flow of 0.3 l/s;
  - in individual households at the kitchen sink.



### Features:

- Nominal size: 0.3 l/s
  - Total capacity: 48 litres
  - Overall size, mm: 380 x 460 x 390
  - Access:  $\varnothing$  300
  - Grease capacity: 7 litres
  - Sludge trap capacity: 12 litres
  - Sludge bag capacity: 9.5 litres
  - Weight: 6 kg
- Code: 4882000030**

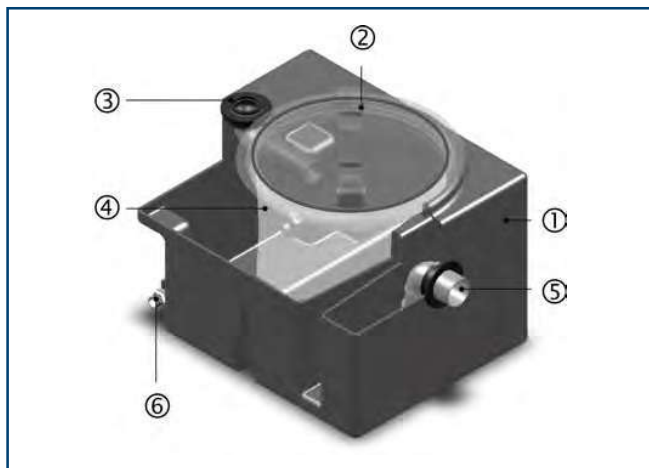
### Dimensions:



### Components and materials

- 1 - polyethylene tank;
- 2 - DN 310 cap with PP thread and gasket;
- 3 - DN 40 inlet connection from the gasket;
- 4 - one-time plastic mesh sludge trap bag;
- 5 - PP outlet connection and gasket DN 50;
- 6 - metallic discharge valve 1/2";
- 6' - metallic plug (placed on the opposite side of the discharge valve).

**IMPORTANT** - The grease remover is delivered with all elements pre-installed and cap.



### Consumables

**Sludge bag** for aquaClean Grease Separator NG 0.3  
code **4881000001**

### Functional description

The wastewater enters the grease separator through the inlet connection straight into the sludge bag pushing the water through its walls into the discharge area.

The discharge area is represented by the second compartment of the grease remover where the connected outlet is immersed into water and then the water freely flows into the sewerage network. Once inside into the grease separator, water enters a settling stage thus occurring grease/ oil removal from water due to density differences.

### Advantages

- light, compact product, small footprint;
- easy to connect, no specialized knowledge needed;
- mounting such a grease separator keeps the upstream sewerage facility clean, by avoiding it getting clogged with food remains;
- the sludge trap bag keeps the basin of the mini-separator clean, thus requiring less scouring;
- drain valve;
- easy-access interior;
- standard fitting connection, no special adjustments of the sewerage facility requires;
- left or right mounting possibility, no changes and no special adjustments;
- 100% recyclable.

### Grease separator connection

1. The grease separator shall be located under the kitchen sink or near the dishwasher in the position best suited for connection.
2. Check if the discharge valve is accessible. In case the drain valve is oriented towards the back of the sink then switch its position with that of the plug on the other side of the grease remover. When mounting the valve, and the plug use PTFE strip for sealing.
3. Connect the grease remover to the sink/dishwasher. The end of the drain pipe in the sink/dishwasher or the end of the sink siphon shall be fed into the DN 40 inlet connection. In case the sink pipe has a DN 32, a DN 32-40 reducer will be used.
4. Connect the grease separator to the sewerage. The grease separator will be connected on DN 50 to the internal sewerage network. Mind the facility slope such as to ensure flow gravity.
5. Following connection the grease separator shall be filled with water either by turning on the sink tap or hosing through the access area up to the level of the outlet connection (you can hear water inside the connection facility of the grease separator). Check also the sealed joints.

### VERY IMPORTANT!

1. Before commissioning and following each drain the grease remover **MUST** be filled with clean water!
2. Not complying with the disposal, transportation, handling, and mounting instruction incurs loss of the producer's warranty!
3. When mounting the grease separator observe the labour protection and hygiene regulations in accordance with the standards in force!

### Maintenance Instructions

The draining frequency of the grease remover depends on the wastewater quality and quantity.

We recommend wearing domestic gloves when performing maintenance operations!

#### Weekly:

1. Checking the filling degree of the sludge bag. If the sludge bag is full (the braiding meshes are clogged and do not allow water passage), it will be removed from and replaced with another one. The waste sludge bag shall be disposed of in the domestic waste container.
2. In case a layer of grease has deposited outside the bag, it shall be removed (e.g. by means of a scoop).

#### At least once every three months or any time required: washing of the grease remover.

Washing the grease remover is required when a layer of approx. 2-3 cm of grease has deposited. The mini-separator will be drained using the drain valve, then it will be taken out of its current location and washed with water jet and detergent.

### Potential problems and their solutions

Problem occurred	Possible reason	Solution
Foul odour	Leaky cap	Check the cap gasket. In case it's damaged replace it. Tighten the cap.
	Grease deposit after one month.	Clean and wash the grease remover..
Gasket leakage	The gasket is not secured correctly.	Drain the grease remover and place the gasket correctly.
	Gasket is damaged.	Replace the gasket.
The sink hardly drains or not at all	The grease remover is flooded.	Check the grease remover and in case it's flooded, replace it.
	The sink siphon is clogged.	Clean the sink siphon.
	Clogged sewerage.	Clean/ unlog the sewerage.

For verifications of the sewerage facility we recommend calling a licensed plumber.