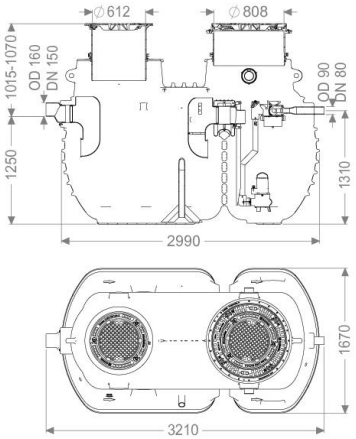
Data sheet

# Grease separator EasyClean ground Multi, Direct-R, NS 7, T 120 mm, D 400




## Article information
article number: 96007-DR-120D
EAN code: 4026092109878
Price group: 60

## Product advantages
- Low odour and clean disposal
- Defined disposal point
- Complete emptying of the separator

## Description
The unit for an underground installation combines a separator for greasy wastewater incl. sludge trap, a sampling system and a pumping station.
The tank of all system parts is made of permanently resistant polymer (PE). The individual system parts can be accessed for cleaning and maintenance work via two inspection covers.
A direct disposal pipe socket is available for reduced odour during manual disposal.

The pumping station is equipped with two submersible pumps and a backflow preventer. The pumps are actuated via a level sensor.

The station is controlled by a user-friendly control unit, which can be connected to the building control system or optionally alarm and collective fault messages can be sent.

A load distribution slab must be installed on site for load class D. The reinforcement drawings are available from KESSEL. 20-year polyethylene warranty.

## General features

| | |
|---|---|
| Installation situation | underground installation |

## Version

| | |
|---|---|
| Direction of flow | right |
| Chamber system | Cistern |
| Disposal variant | Direct |
| Nominal size (NS) | 7 |
| Disposal system | Disposal pipe |
| Type of disposal | manual |

## Dimensions

| | |
|---|---|
| Net weight | 803 kg |
| Gross weight | 828 kg |
| Groundwater resistant from lower edge of base section | 1800 mm |
| Installation depth | 1015\|1070 mm |
| Required access area, length | 3210 mm |
| Length | 2990 mm |
| Width | 1670 mm |
| Packaging dimension: length | 4507 mm |
| Packaging dimension: width | 2870 mm |
| Packaging dimension: height | 1960 mm |
| Height of discharge connection | 1310 mm |

## Tank/drain body

| | |
|---|---|
| Pressure pipe connection (DN) | 80 |
| Pressure pipe connection (OD) | 90 mm |
| Distance pipe bottom inlet to tank bottom | 1250 mm |
| Inlet nominal size (OD) | 160 mm |
| Inlet nominal size (DN) | 150 |
| Number of inlets | 1 |
| Clear width of entry (LW) | 600 mm |

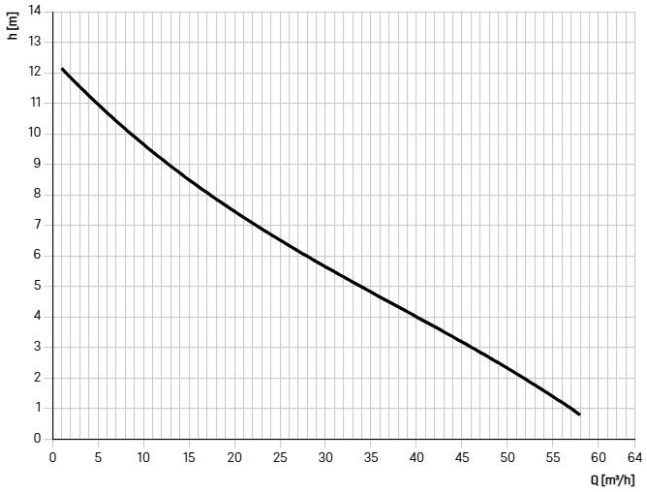
## Coverage features

| | |
|---|---|
| Type of cover | Cover plate |
| Cover material | Grey iron |
| Colour of cover | black |
| Locking | Lock & Lift |
| Load class | D 400 (EN 124) |

## Pumping device

| | |
|---|---|
| Pump | GTK 1300 |
| Number of pumps | 2 |
| Weight, pump | 27 kg |
| Connection type | Direct connection |
| Protection class | I |
| Insulation class | H |
| Cos phi - power factor | 0.8 |
| Protection class (pump) | IP 68 (20m) |
| Temperature monitoring | integrated |
| Max. temperature (permanent) of conveyed material | 40 °C |
| Max. pumping capacity | 57 m³/h |
| Max. pumping height | 12.4 m |
| Speed | 2900 U/min |
| Power P1 | 1.3 kW |
| Power P2 | 1 kW |
| Operating mode | S1 |
| Type of pump connection cable | H07RN-F 7G 1.5 mm² |
| Impeller type | Single-vane impeller |
| Length of mains cable for pump | 10 m |
| Rated current | 2,5\| A |

## Pumping capacity



## Control

| | |
|---|---|
| Control unit | Connect Pro |
| Operating voltage | 400 V |
| Mains frequency | 50/60 Hz |
| Rated current (max.) | 9\|9 A |
| Output power (max.) | 6.2 kW |
| Performance Active mode | 3.0 W |
| Protection class control unit | IP 54 |
| Motor protection | yes (electronically) |
| Type of fuse required (control unit) | C 16 A / C 20 A |
| Self-diagnosis system (SDS) | yes |
| Main switch | yes |
| Battery buffering | yes |
| Multi-line display | yes |
| Second Screen | yes (Wi-Fi) |
| Log book function | yes |
| Modbus (GLT or gateway) | yes (RTU) |
| Potential-free contact | yes (2) |
| Ext. audible alarm | yes |
| Level measurement instrument | Level sensor |
| SonicControl Option | yes |
| Filling Option | yes |
| USB interface | no |
| Connection type | Direct connection |
| Motor protection switch | yes |

| | |
|---|---|
| Separator contents | 1785 l |
| Max. grease layer thickness | 115 mm |
| Total volume | 2485 l |
| Contents of sludge trap | 700 l |
| Storage quantity of grease | 280 l |