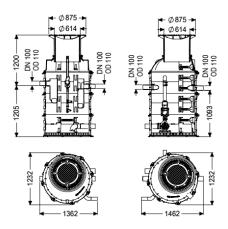


Grease separator EasyClean ground NS 1, Auto Mix & Pump, 1260-1700 mm, A/B





Article information

Item no.: 93001/170B-PVS-TS

GTIN:

Price group: 60

Advantages

- Fully automated disposal and rinsing device
- Customisation possible through control unit
- Clean and odour-free disposal and cleaning

Description

The separator for greasy wastewater for underground installation consists of a grease separator and an engineering chamber. The two-piece system made of permanently resistant polymer (PE) is equipped with an integrated sludge trap and an integrated sampling device. Access for cleaning and maintenance work is provided by inspection openings, with polymer upper sections for continuously adjustable height and level compensation. The innovative Shredder-Mix-System with integrated macerating system is responsible for homogenising and circulating the tank contents. Cleaning and odour-neutral disposal takes place via an exterior submersible pump which is installed in a separate engineering chamber and can be disconnected from the tank by a shut-off valve. The fully automatic program run is controlled by a user-friendly control unit with multi-line display that can be integrated into the building management system through a potential-free contact. The control unit with 10 m long cable is installed in the engineering chamber in the factory. Cleaning and disposal can be started remotely using the remote control. Thanks to the customisable cleaning program with fast-selection function, cleaning can be adapted to the local circumstances as required. Observance of the Drinking Water Hygiene Directive can be guaranteed through the fully automatic rinsing of the drinking water pipes. The refill inlet and solenoid valves must be installed in a dry room on site. The connections between the grease separator and the engineering chamber as well as the reserve conduits and the connections must be made on site. (see connection set 917421). A load distribution slab must be installed on site for load class D. The reinforcement drawings are available from KESSEL. 20 year polyethylene warranty.



Variant

Note on installation depth: Ground installation frost-free depth 1700 mm

Shut-off valve: yes

Disposal variant: Auto Mix & Pump

Shredder-Mix-System: yes
Sludge bucket: no
Nominal size (NS): 1
SonicControl: no

Disposal system: Disposal pump

Refill inlet in accordance with DIN 1988: yes

Type of disposal: automatic disposal and cleaning system

Water supply: 2 solenoid valves 1"

Sampling device: Type NBG

Load-bearing capacity (DIN 19901): E2

General characteristics

Standard: EN 1825

Dimensions

Net weight: 490 kg
Gross weight: 510 kg
Groundwater resistant from lower edge of base 3000 mm

section:

Diameter: 648 mm

Max. length: 2790 mm

Installation depth: 1260 - 1700 mm

Required access area, length: 1425 mm

Required access area, length: 1425 mm Required access area, width: 1235 mm

Tank/drain body

Distance pipe bottom outlet to tank bottom: 595 mm
Distance pipe bottom inlet to tank bottom: 705 mm
Outlet nominal size (OD): 110 mm
Outlet nominal size (DN): 100 mm
Inlet nominal size (DN): 110 mm
Inlet nominal size (DN): 100 mm

Connection inlet/outlet sockets: PE-HD pipes in accordance with DIN 19537, PVC-KG

pipes in accordance with DIN 19534, PP or AS

Clear width of tank (LW): 1000 mm Clear width of entry (LW): 600 mm

Coverage features

Type of cover:

Cover plate
Cover material:

Colour of cover:

black
Locking:

unlocked
Load class:

B 125 (EN 124)

Tightness: odour-tight and surface water resistant



Wastewater contents

Separator contents: 230 l 370 l Total volume: Contents of sludge trap: 140 l Storage quantity of grease: 70 l

Pumping device

Pump: SPF 300 IP68

Number of pumps: 1 Weight, pump: 44 kg

Connection type: Direct connection

Rated current: 6.2 A Length of mains cable for pump: 5 m Protection class: ı F Insulation class: IP 68 Protection class (pump): Temperature monitoring: integrated 40 °C

Max. temperature (permanent) of conveyed

material:

Max. pumping capacity: 60 m³/h Max. pumping height: 17 m

Speed: 2850 U/min Power P1: 3.6 kW Power P2: 3 kW

Operating mode: S2 - 30 min.

Type of fuse required (electrical protection): Fuse protection through control unit 400 V

Type of pump connection cable: H07RN-F 7G 1.5 mm²

Impeller type: Radial impeller with macerating system

Control

Control unit: yes Motor protection switch: yes Type of fuse required (RCD): 30 mA Protection class control unit: **IP 54** Mains frequency: 50 Hz 400 V Operating voltage:

Connection type: Direct connection

Potential-free contact: yes GSM interface: no USB interface: yes Log book function: yes Multi-line display: yes Battery buffering: no Self-diagnosis system (SDS): yes Rated current: 6,2 A