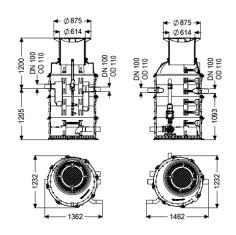


Grease separator EasyClean ground NS 4, Auto Mix & Pump, 1520-1700 mm, D





Article information

Item no.: 93004/170D-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: ves **Disposal variant:** Auto Mix & Pump Shredder-Mix-System: yes Sludge bucket: no Nominal size (NS): 4 SonicControl: no Disposal system: Disposal pump Refill inlet in accordance with DIN 1988: ves Type of disposal: automatic disposal and cleaning system 2 solenoid valves 1" Water supply: Sampling device: Type NBG Load-bearing capacity (DIN 19901): E4 General characteristics Standard: EN 1825 Installation situation: underground installation Dimensions Net weight: 490 kg Gross weight: 510 ka Groundwater resistant from lower edge of base 3000 mm section: Diameter: 659 mm Max. length: 2790 mm Installation depth: 1520 - 1700 mm Required access area, length: 1425 mm Required access area, width: 1235 mm Tank/drain body Distance pipe bottom outlet to tank bottom: 1095 mm Distance pipe bottom inlet to tank bottom: 1205 mm Outlet nominal size (OD): 110 mm Outlet nominal size (DN): 100 mm 110 mm Inlet nominal size (OD): 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: Grey iron Colour of cover: black Locking: locked Load class: D 400 (EN 124) Tightness: odour-tight and surface water resistant



Wastewater contents Separator contents: Total volume: Contents of sludge trap: Storage quantity of grease:	370 l 770 l 400 l 160 l
Pumping device Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class: Insulation class:	SPF 300 IP68 1 44 kg Direct connection 6,2 A 5 m I
Protection class (pump):	F
Temperature monitoring:	IP 68
Max. temperature (permanent) of conveyed	integrated
material:	40 °C
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: Motor protection switch: Type of fuse required (RCD): Protection class control unit: Mains frequency: Operating voltage: Connection type: Potential-free contact: GSM interface: USB interface: Log book function: Multi-line display: Battery buffering: Self-diagnosis system (SDS): Rated current:	yes yes 30 mA IP 54 50 Hz 400 V Direct connection yes no yes yes yes yes no yes