

Grease separat. EasyClean ground NS 1, Auto Mix & Pump, 800-1200 mm, A/B



Article information

Item no.: 93001/120B-K-P1

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 is suitable for installation in the ground and comes without metallic components in the tank. The collecting tank made of permanently resistant polymer (PE) is equipped with an integrated sludge trap and has a rounded base for fast and clean disposal. Access for cleaning and maintenance work is possible via one or several service access covers.

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 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. 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.

20 year polyethylene warranty.

Installation situation:

underground installation

Version:

Shut-off valve:

yes

Type of disposal:

automatic disposal and cleaning system

Disposal system:

Disposal pump

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| Disposal variant: | Auto Mix & Pump |
| Refill inlet in accordance with DIN 1988: | yes |
| Nominal size (NS): | 1 |
| Sampling device: | Type NBG |
| Inspection window: | no |
| Shredder-Mix-System: | yes |
| SonicControl: | no |
| Water supply: | 2 solenoid valves 1" |
| Load-bearing capacity (DIN 19901): | E2 |
| Note on installation depth: | Installation in the ground, frost-free depth 1200 mm |
| Delivery state: | Installation-ready (electrical components, connection parts must be connected on site) |
| Scope of delivery: | Storz-B coupling R 2 1/2" for disposal vehicle connection |

General characteristics:

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| Material: | PE |
| Standard: | EN 1825 |

Dimensions:

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| Required access area, length: | 1,380 mm |
| Required access area, width: | 1,220 mm |
| Required access area, height: | 1,500 mm |

Tank:

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| Inlet nominal size (DN): | 100 |
| Inlet nominal size (OD): | 110 mm |
| Outlet nominal size (DN): | 100 |
| Outlet nominal size (OD): | 110 mm |
| Distance pipe bottom inlet to tank bottom: | 795 mm |
| Distance pipe bottom outlet to tank bottom: | 690 mm |
| Installation depth: | 800 - 1,200 mm |
| Groundwater resistant from lower edge of base section: | 500 mm |
| Clear width of tank (LW): | 1,000 mm |
| Clear width of entry (LW): | 600 mm |
| Connection inlet/outlet sockets: | PE-HD pipes in accordance with DIN 19537, PVC-KG pipes in accordance with DIN 19534, PP or AS |
| Vertical adjustment: | vertically adjustable upper section, can be tilted by 5 degrees |

Coverage features:

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| Type of cover: | Cover plate |
| Cover material: | Grey iron |
| Colour of cover: | black |
| Load class: | B 125 (EN 124) |
| Length: | 648 mm |
| Width: | 648 mm |
| Height: | 95 mm |
| Tightness: | odour-tight and surface water resistant |
| Locking: | unlocked |

Wastewater contents:

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

Pumping device:

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| Pump: | SPF 260 KE |
| Number of pumps: | 1 |
| Max. pumping capacity: | 65 m ³ /h |
| Max. pumping height: | 13 m |
| Operating voltage: | 400 V |
| Mains frequency: | 50 Hz |
| Operating mode: | S2 - 30 min. |
| Power P1: | 3.4 kW |
| Power P2: | 2.6 kW |
| Speed: | 2,850 U/min |
| Type of fuse required (electrical protection): | Fuse protection through control unit 400 V |
| Max. temperature (permanent) of conveyed material: | 40 °C |
| Connection type: | Direct connection |
| Weight: | 40 kg |
| Impeller type: | Radial impeller with macerating system |
| Length of mains cable for pump: | 5 m |
| Rated current: | 6.4 A |
| Protection class (pump): | IP 68 (3m/48h) |
| Protection class: | I |
| Type of pump connection cable: | H07RN-F 7G 1.5 mm ² |
| Temperature monitoring: | integrated |
| Insulation class: | F |

Control:

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| Control unit: | yes |
| Operating voltage: | 400 V |
| Mains frequency: | 50 Hz |

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| Self-diagnosis system (SDS): | yes |
| Battery buffering: | no |
| Multi-line display: | yes |
| Log book function: | yes |
| USB interface: | yes |
| GSM interface: | no |
| Potential-free contact: | yes |
| Type of fuse required (electrical protection): | 3 x C 20 A |
| Type of fuse required (RCD): | 30 mA |
| Motor protection switch: | yes |
| Protection class control unit: | IP 54 |