

Grease separator EasyClean free NS 4, Mix & Pump



Article information

Item no.: 93004.01/MS
GTIN: 4026092060933
Price group: 60

Advantages

- Direction of flow can be changed thanks to self-sealing interchangeable hubs
- Clean and odour-free disposal and cleaning
- Simple control

Description

The separator for greasy wastewater is suitable for free-standing set-up in frost-protected rooms 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 tapered base for fast and clean disposal. Two odour-tight covers with quick-release closures make easy access possible for cleaning and maintenance work. 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 with 2-way valve and change lever which can be disconnected from the tank by a shut-off valve. After disposal, a maximum of 3 litres residual sludge volume is left in the tank. Manual control is carried out by a user-friendly control unit that can be integrated into the building management system through a potential-free contact. 20 year polyethylene warranty.

Variant

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|---|-------------------------------------|
| Shut-off valve: | yes |
| Disposal variant: | Mix & Pump |
| Shredder-Mix-System: | yes |
| Inspection window: | yes |
| Nominal size (NS): | 4 |
| SonicControl: | no |
| Disposal system: | Disposal pump |
| Refill inlet in accordance with DIN 1988: | yes |
| Type of disposal: | manual disposal and cleaning system |
| Water supply: | 1 screw-type valve 1" |
| Load-bearing capacity (DIN 19901): | F3 |

General characteristics

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

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|---|---|
| Installation situation: | free-standing installation |
| 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 |
| Dimensions | |
| Net weight: | 165 kg |
| Gross weight: | 190 kg |
| Set-up area, length: | 2116 mm |
| Set-up area, width: | 842 mm |
| Set-up area, height: | 1767 mm |
| Required access area, length: | 1880 mm |
| Required access area, width: | 680 mm |
| Required access area, height: | 1458 mm |
| Packaging dimension: | length |
| Packaging dimension: | width |
| Packaging dimension: | height |
| Tank/drain body | |
| Nominal pressure (PN): | 10 |
| Pressure pipe connection (DN): | 65 |
| Pressure pipe connection (OD): | 75 mm |
| Distance pipe bottom outlet to tank bottom: | 985 mm |
| Distance pipe bottom inlet to tank bottom: | 1055 mm |
| Outlet nominal size (OD): | 110 mm |
| Outlet nominal size (DN): | 100 mm |
| Inlet nominal size (OD): | 110 mm |
| Inlet nominal size (DN): | 100 mm |
| Connection inlet/outlet sockets: | PE-HD pipes in accordance with DIN 19537, HT pipes in accordance with DIN 19560, PP or AS |
| Servicing opening: | 420 mm |
| Coverage features | |
| Type of cover: | Cover |
| Cover material: | Polymer |
| Colour of cover: | violet |
| Locking: | Quick-release closure |
| Tightness: | odour-tight |
| Wastewater contents | |
| Separator contents: | 400 l |
| Total volume: | 800 l |
| Contents of sludge trap: | 400 l |
| Storage quantity of grease: | 160 l |
| Pumping device | |
| Pump: | SPF 300 KE 2.0 |
| Number of pumps: | 1 |
| Weight, pump: | 44 kg |

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|--|--|
| Connection type: | Direct connection |
| Protection class: | I |
| Insulation class: | F |
| Cos phi - power factor: | 0,87 |
| Protection class (pump): | IP 55 |
| Temperature monitoring: | integrated |
| Max. temperature (permanent) of conveyed material: | 40 °C |
| Max. pumping capacity: | 60 m ³ /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 pump connection cable: | H07RN-F 7G 1.5 mm ² |
| Impeller type: | Radial impeller with macerating system |
| Length of mains cable for pump: | 5 m |
| Rated current: | 6,2 A |
| 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 |
| Operating voltage: | 400 V |
| Connection type: | Direct connection |
| Potential-free contact: | yes |
| GSM interface: | no |
| USB interface: | no |
| Log book function: | no |
| Multi-line display: | no |
| Battery buffering: | no |
| Self-diagnosis system (SDS): | yes |
| Type of fuse required (electrical protection): | Fuse protection through control unit 400 V |