

Grease separator EasyClean free NS 40, Mix & Pump

Article information

Item no.: 93040.01/MS
 GTIN: 4026092103777
 Price group: 60

Advantages

- Clean and odour-free disposal and cleaning
- Simple control
- Low-maintenance operation

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 slopes in the tank 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. 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 |
| Sludge bucket: | yes |
| Nominal size (NS): | 40 |
| 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 |
| 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

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| Net weight: | 665 kg |
| Gross weight: | 665 kg |
| Set-up area, length: | 6680 mm |

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| Set-up area, width: | 1870 mm |
| Set-up area, height: | 1662 mm |
| Required access area, length: | 6200 mm |
| Required access area, width: | 1600 mm |
| Required access area, height: | 1662 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: | 1130 mm |
| Distance pipe bottom inlet to tank bottom: | 1200 mm |
| Outlet nominal size (OD): | 250 mm |
| Outlet nominal size (DN): | 250 mm |
| Inlet nominal size (OD): | 250 mm |
| Inlet nominal size (DN): | 250 mm |
| Connection inlet/outlet sockets: | PE-HD pipes in accordance with DIN 19537, HT pipes in accordance with DIN 19560, PP or AS |
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| Coverage features | |
| Type of cover: | Cover |
| Cover material: | Polymer |
| Colour of cover: | black |
| Locking: | Quick-release closure |
| Tightness: | odour-tight |
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| Wastewater contents | |
| Separator contents: | 5000 l |
| Total volume: | 9000 l |
| Contents of sludge trap: | 4000 l |
| Storage quantity of grease: | 1600 l |
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| Pumping device | |
| Pump: | SPF 300 KE 2.0 |
| Number of pumps: | 2 |
| Weight, pump: | 44 kg |
| Connection type: | Direct connection |
| Rated current: | 6,2 A |
| Length of mains cable for pump: | 5 m |
| Protection class: | I |
| 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 |

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| 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 mm ² |
| 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 |
| 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 |
| Rated current: | 6,2 A |