

Grease separator EasyClean free NS 35, Auto Mix



Article information

Item no.: 93035.01/DSP

GTIN:

Discount group: 03

Advantages

- Clean and odour-free disposal and cleaning
- Customisation possible through control unit

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 is carried out by an exterior pump which can be disconnected from the tank by a shut-off valve. A direct disposal pipe socket is available for odour-neutral manual disposal.

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, which is available as an option.

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:

free-standing set-up

Version:

Shut-off valve:

yes

Type of disposal:

automatic cleaning system

Disposal system:

Disposal connection

Disposal variant:

Auto Mix

Refill inlet in accordance with DIN 1988:

yes

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|------------------------------------|--|
| Nominal size (NS): | 35 |
| Inspection window: | yes |
| Shredder-Mix-System: | yes |
| SonicControl: | no |
| Water supply: | 2 solenoid valves 1" |
| Load-bearing capacity (DIN 19901): | F3 |
| 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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| Set-up area, length: | 6,480 mm |
| Set-up area, width: | 1,770 mm |
| Set-up area, height: | 1,662 mm |
| Required access area, length: | 6,000 mm |
| Required access area, width: | 1,500 mm |
| Required access area, height: | 1,662 mm |

Tank:

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|---|---|
| Inlet nominal size (DN): | 250 |
| Inlet nominal size (OD): | 250 mm |
| Outlet nominal size (DN): | 250 |
| Outlet nominal size (OD): | 250 mm |
| Distance pipe bottom inlet to tank bottom: | 1,200 mm |
| Distance pipe bottom outlet to tank bottom: | 1,130 mm |
| Pressure pipe connection (DN): | 65 mm |
| Pressure pipe connection (OD): | 75 mm |
| Nominal pressure (PN): | 10 |
| Connection inlet/outlet sockets: | PE-HD pipes in accordance with DIN 19537, HT pipes in accordance with DIN 19560, PP or AS |

Coverage features:

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| Type of cover: | Cover |
| Cover material: | Polymer |
| Colour of cover: | black |
| Tightness: | odour-tight |
| Locking: | Quick-release closure |

Wastewater contents:

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|-----------------------------|---------|
| Separator contents: | 4,500 l |
| Total volume: | 8,000 l |
| Contents of sludge trap: | 3,500 l |
| Storage quantity of grease: | 1,400 l |

Pumping device:

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| Pump: | SPF 300 KE 2.0 |
| Number of pumps: | 2 |
| Max. pumping capacity: | 60 m ³ /h |
| Max. pumping height: | 17 m |
| Operating voltage: | 400 V |
| Mains frequency: | 50 Hz |
| Operating mode: | S2 - 30 min. |
| Power P1: | 3.6 kW |
| Power P2: | 3 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: | 44 kg |
| Impeller type: | Radial impeller with macerating system |
| Length of mains cable for pump: | 5 m |
| Rated current: | 6.2 A |
| Protection class (pump): | IP 55 |
| Protection class: | I |
| Type of pump connection cable: | H07RN-F 7G 1.5 mm ² |
| Temperature monitoring: | integrated |

Control:

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|--|------------|
| Control unit: | yes |
| Operating voltage: | 400 V |
| Mains frequency: | 50 Hz |
| Self-diagnosis system (SDS): | yes |
| Battery buffering: | no |
| Multi-line display: | yes |
| Log book function: | yes |
| USB interface: | no |
| 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