

## 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 (NS 2- NS 10)
- 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

|                                           |                                     |
|-------------------------------------------|-------------------------------------|
| Shut-off valve:                           | yes                                 |
| Disposal variant:                         | Mix & Pump                          |
| Shredder-Mix-System:                      | yes                                 |
| Sludge bucket:                            | 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

|           |         |
|-----------|---------|
| 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                                 |
| <b>Dimensions</b>                           |                                                                                           |
| 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                                                                                    |
| <b>Tank/drain body</b>                      |                                                                                           |
| 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                                                                                    |
| <b>Coverage features</b>                    |                                                                                           |
| Type of cover:                              | Cover                                                                                     |
| Cover material:                             | Polymer                                                                                   |
| Colour of cover:                            | violet                                                                                    |
| Locking:                                    | Quick-release closure                                                                     |
| Tightness:                                  | odour-tight                                                                               |
| <b>Wastewater contents</b>                  |                                                                                           |
| Separator contents:                         | 400 l                                                                                     |
| Total volume:                               | 800 l                                                                                     |
| Contents of sludge trap:                    | 400 l                                                                                     |
| Storage quantity of grease:                 | 160 l                                                                                     |
| <b>Pumping device</b>                       |                                                                                           |
| Pump:                                       | SPF 300 KE 2.0                                                                            |
| Number of pumps:                            | 1                                                                                         |
| Weight, pump:                               | 44 kg                                                                                     |

|                                                    |                                            |
|----------------------------------------------------|--------------------------------------------|
| Connection type:                                   | Direct connection                          |
| Rated current:                                     | 6,2 A                                      |
| Length of mains cable for pump:                    | 5 m                                        |
| 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 <sup>3</sup> /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 mm <sup>2</sup>             |
| 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                                      |