

## Grease separator EasyClean free NS 3, Mix & Pump, SonicControl



### Article information

Item no.: 93003.02/MS  
 GTIN: 4026092065020  
 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.

Installation situation: free-standing set-up

### Version:

|   |                                     |
|---|-------------------------------------|
| Shut-off valve:                           | yes                                 |
| Type of disposal:                         | manual disposal and cleaning system |
| Disposal system:                          | Disposal pump                       |
| Disposal variant:                         | Mix & Pump                          |
| Refill inlet in accordance with DIN 1988: | yes                                 |
| Nominal size (NS):                        | 3                                   |
| Inspection window:                        | yes                                 |
| Shredder-Mix-System:                      | yes                                 |
| SonicControl:                             | yes                                 |

|                                    |  |
|------------------------------------|--|
| Water supply:                      | 1 screw-type valve 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:

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

### Dimensions:

|                               |          |
|-------------------------------|----------|
| Set-up area, length:          | 1,736 mm |
| Set-up area, width:           | 841 mm   |
| Set-up area, height:          | 1,767 mm |
| Required access area, length: | 1,500 mm |
| Required access area, width:  | 680 mm   |
| Required access area, height: | 1,458 mm |

### Tank:

|   |   |
|---|---|
| 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:  | 1,055 mm  |
| Distance pipe bottom outlet to tank bottom: | 985 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:

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

### Wastewater contents:

|                             |       |
|-----------------------------|-------|
| Separator contents:         | 300 l |
| Total volume:               | 600 l |
| Contents of sludge trap:    | 300 l |
| Storage quantity of grease: | 120 l |

### Pumping device:

|  |  |
|--|--|
| Pump:  | SPF 300 KE 2.0                             |
| Number of pumps:                                   | 1  |
| Max. pumping capacity:                             | 60 m <sup>3</sup> /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 <sup>2</sup>             |
| Temperature monitoring:                            | integrated                                 |
| Cos phi - power factor:                            | 0.87                                       |
| Insulation class:                                  | F  |

### Control:

|  |            |
|--|------------|
| Control unit:                                  | yes        |
| Operating voltage:                             | 400 V      |
| Mains frequency:                               | 50 Hz      |
| Self-diagnosis system (SDS):                   | yes        |
| Battery buffering:                             | no         |
| Multi-line display:                            | no         |
| Log book function:                             | no         |
| USB interface:                                 | no         |
| GSM interface:                                 | no         |
| Potential-free contact:                        | yes        |
| Type of fuse required (electrical protection): | 3 x C 16 A |
| Type of fuse required (RCD):                   | 30 mA      |
| Motor protection switch:                       | yes        |
| Protection class control unit:                 | IP 54      |

