

## Grease separator EasyClean free NS 4, Auto Mix

### Article information

Item no.: 93004.01/DSP  
GTIN: 4026092060834  
Price group: 60

### Advantages

- Direction of flow can be changed thanks to self-sealing interchangeable hubs (NS 2- NS 10)
- Low-maintenance operation
- 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 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 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. After disposal, a maximum of 3 litres residual sludge volume is left in the tank. Observance of the Drinking Water Hygiene Directive can be guaranteed through the fully automatic rinsing of the drinking water pipes. 20 year polyethylene warranty.

|                                           |                           |
|-------------------------------------------|---------------------------|
| Variant                                   |                           |
| Shut-off valve:                           | yes                       |
| Disposal variant:                         | Auto Mix                  |
| Shredder-Mix-System:                      | yes                       |
| Sludge bucket:                            | yes                       |
| Nominal size (NS):                        | 4                         |
| SonicControl:                             | no                        |
| Disposal system:                          | Disposal connection       |
| Refill inlet in accordance with DIN 1988: | yes                       |
| Type of disposal:                         | automatic cleaning system |
| Water supply:                             | 2 solenoid valves 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                                 |
| Dimensions                                  |                                                                                           |
| Net weight:                                 | 157,5 kg                                                                                  |
| Gross weight:                               | 187,5 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:               | 1483 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                                      |
| 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:                                 | yes                                        |
| Multi-line display:                                | yes                                        |
| Battery buffering:                                 | no                                         |
| Self-diagnosis system (SDS):                       | yes                                        |
| Rated current:                                     | 6,2 A                                      |