

## Grease separator EasyClean free NS 4, Mix & Pump, SonicControl



### Article information

Item no.: 93004.02/MS

GTIN: 4026092065037

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                          |
| Protection class motor:                   | yes                                 |
| Sludge bucket:                            | yes                                 |
| Nominal size (NS):                        | 4                                   |
| SonicControl:                             | yes                                 |
| Disposal system:                          | Disposal pump                       |
| Refill inlet in accordance with DIN 1988: | yes                                 |
| Type of disposal:                         | manual disposal and cleaning system |
| Shaft seal:                               | 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:                                 | 170 kg  |
| Gross weight:                               | 195 kg  |
| Set-up area, width:                         | 842 mm  |
| Set-up area, height:                        | 1767 mm   |
| Set-up area, length:                        | 2116 mm   |
| Required access area, width:                | 680 mm  |
| Required access area, height:               | 1458 mm   |
| Required access area, length:               | 1880 mm   |
| Packaging dimension:                        | width   |
| Packaging dimension:                        | height  |
| Packaging dimension:                        | length  |
| <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   |
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| Inlet nominal size (DN):                    | 100   |
| 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  |
| Cover locking:                              | Quick-release closure   |
| Tightness:                                  | odour-tight   |
| <b>Wastewater contents</b>                  |   |
| Separator contents:                         | 400 l   |
| Total volume:                               | 800 l   |
| Hose:                                       | 400 l   |
| Storage quantity of light liquid:           | 160 l   |
| <b>Pumping device</b>                       |   |
| Pump control:                               | SPF 300 KE 2.0  |
| Number of pumps:                            | 1   |
| Weight:                                     | 44 kg   |

|  |  |
|--|--|
| Connection type:                                   | Direct connection                          |
| Rated current:                                     | 6,2 A                                      |
| Length of mains cable for pump:                    | 5 m  |
| Self-diagnosis system (SDS):                       | I  |
| Insulation class:                                  | F  |
| Cos phi - power factor:                            | 0,87                                       |
| Protection class control unit:                     | IP 55                                      |
| DSC:   | 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  |  |
| Motor protection switch:                           | yes  |
| Type of fuse required (RCD):                       | 30 mA                                      |
| Protection class probe:                            | 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  |
| Max. permissible switching frequency:              | yes  |