

## 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
- 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):	4
Inspection window:	yes
Shredder-Mix-System:	yes
SonicControl:	no

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:	2,116 mm
Set-up area, width:	842 mm
Set-up area, height:	1,767 mm
Required access area, length:	1,880 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:	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
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

