

## Grease separator EasyClean free NS 3, Mix, Inspection window



### Article information

Item no.: 93003.31/DS  
 GTIN: 4026092068861  
 Discount group: 03

### Advantages

- Direction of flow can be changed thanks to self-sealing interchangeable hubs
- Simple control
- Low-maintenance operation

### 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. After disposal, a maximum of 3 litres residual sludge volume is left in the tank. A direct disposal pipe socket is available for odour-neutral manual disposal.

20 year polyethylene warranty.

Installation situation: free-standing set-up

### Version:

Shut-off valve:	yes
Type of disposal:	manual cleaning system
Disposal system:	Disposal connection
Disposal variant:	Mix
Refill inlet in accordance with DIN 1988:	yes
Nominal size (NS):	3
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:	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:	1,483 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
Max. temperature (permanent) of conveyed material:	40 °C
Connection type:	CEE plug
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:	no
Type of fuse required (RCD):	30 mA