

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



### Article information

Item no.: 93004.01/PVS

GTIN: 4026092060988

Discount group: 03

### Advantages

- Direction of flow can be changed thanks to self-sealing interchangeable hubs
- Clean and odour-free disposal and cleaning
- 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 and odour-neutral disposal takes place via an exterior pump with 2-way valve and actuator which can be disconnected from the tank by a shut-off valve.

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.

Installation situation:

free-standing set-up

### Version:

Shut-off valve:

yes

Type of disposal:

automatic disposal and cleaning system

Disposal system:	Disposal pump
Disposal variant:	Auto 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:	2 solenoid valves 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:	yes
Log book function:	yes
USB interface:	yes

GSM interface:	no
Potential-free contact:	yes
Type of fuse required (electrical protection):	C 16 A
Type of fuse required (RCD):	30 mA
Motor protection switch:	yes
Protection class control unit:	IP 54