

## Grease separator EasyClean free NS 50, Mix & Pump

### Article information

Item no.: 93050.01/MS  
GTIN: 4026092103838  
Price group: 60

### Advantages

- Clean and odour-free disposal and cleaning
- 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 slopes in the tank 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. 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
Sludge bucket:	yes
Nominal size (NS):	50,00
SonicControl:	no
Disposal system:	Disposal pump
Refill inlet in accordance with DIN 1988:	yes
Type of disposal:	manual disposal and cleaning system
Water supply:	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

#### Dimensions

Net weight:	985 kg
Gross weight:	985 kg
Set-up area, length:	6680 mm

Set-up area, width:	2070 mm
Set-up area, height:	1882 mm
Required access area, length:	6200 mm
Required access area, width:	1800 mm
Required access area, height:	1882 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:	1350 mm
Distance pipe bottom inlet to tank bottom:	1420 mm
Outlet nominal size (OD):	250 mm
Outlet nominal size (DN):	250 mm
Inlet nominal size (OD):	250 mm
Inlet nominal size (DN):	250 mm
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:	black
Locking:	Quick-release closure
Tightness:	odour-tight
Wastewater contents	
Separator contents:	6200 l
Total volume:	112000 l
Contents of sludge trap:	5000 l
Storage quantity of grease:	2240 l
Pumping device	
Pump:	SPF 300 KE 2.0
Number of pumps:	2
Weight, pump:	44 kg
Connection type:	Direct connection
Rated current:	6,2 A
Protection class:	I
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
Length of mains cable for pump:	5 m
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:	no
Multi-line display:	no
Battery buffering:	no
Self-diagnosis system (SDS):	yes
Type of fuse required (electrical protection):	Fuse protection through control unit 400 V