

## Grease separator EasyClean free NS 20, Mix & Pump



### Article information

Item no.: 93020.01/MS

GTIN:

Price group: 60

### Advantages

- 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 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.

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):	20
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:	4,510 mm
Set-up area, width:	1,620 mm
Set-up area, height:	1,555 mm
Required access area, length:	4,250 mm
Required access area, width:	1,350 mm
Required access area, height:	1,525 mm

### Tank:

Inlet nominal size (DN):	200
Inlet nominal size (OD):	200 mm
Outlet nominal size (DN):	200
Outlet nominal size (OD):	200 mm
Distance pipe bottom inlet to tank bottom:	1,100 mm
Distance pipe bottom outlet to tank bottom:	1,030 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:	black
Tightness:	odour-tight
Locking:	Quick-release closure

### Wastewater contents:

Separator contents:	1,370 l
Total volume:	3,370 l
Contents of sludge trap:	2,000 l

Storage quantity of grease: 800 l

### Pumping device:

Pump:	SPF 300 KE 2.0
Number of pumps:	2
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