

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



### Article information

Item no.: 93004.02/MS

GTIN: 4026092065037

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.

#### Variant

Shut-off valve:	yes
Disposal variant:	Mix & Pump
Shredder-Mix-System:	yes
Inspection window:	yes
Nominal size (NS):	4
SonicControl:	yes
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
<b>Dimensions</b>	
Net weight:	170 kg
Gross weight:	195 kg
Set-up area, length:	2116 mm
Set-up area, width:	842 mm
Set-up area, height:	1767 mm
Required access area, length:	1880 mm
Required access area, width:	680 mm
Required access area, height:	1458 mm
Packaging dimension:	length
Packaging dimension:	width
Packaging dimension:	height
<b>Tank/drain body</b>	
Nominal pressure (PN):	10
Pressure pipe connection (DN):	65
Pressure pipe connection (OD):	75 mm
Distance pipe bottom outlet to tank bottom:	985 mm
Distance pipe bottom inlet to tank bottom:	1055 mm
Outlet nominal size (OD):	110 mm
Outlet nominal size (DN):	100 mm
Inlet nominal size (OD):	110 mm
Inlet nominal size (DN):	100 mm
Connection inlet/outlet sockets:	PE-HD pipes in accordance with DIN 19537, HT pipes in accordance with DIN 19560, PP or AS
Servicing opening:	420 mm
<b>Coverage features</b>	
Type of cover:	Cover
Cover material:	Polymer
Colour of cover:	violet
Locking:	Quick-release closure
Tightness:	odour-tight
<b>Wastewater contents</b>	
Separator contents:	400 l
Total volume:	800 l
Contents of sludge trap:	400 l
Storage quantity of grease:	160 l
<b>Pumping device</b>	
Pump:	SPF 300 KE 2.0
Number of pumps:	1
Weight, pump:	44 kg

Connection type:	Direct connection
Protection class:	I
Insulation class:	F
Cos phi - power factor:	0,87
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 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
Rated current:	6,2 A
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