

## Grease separat. EasyClean ground NS 1, Auto Mix, 800-1200 mm, Class A/B



### Article information

Item no.: 93001/120B-K-DS-P1

GTIN:

Discount group: 03

### Advantages

- Program-controlled rinsing device
- Customisation possible through control unit
- Low-maintenance operation

### Description

The separator for greasy wastewater is suitable for installation in the ground 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 rounded base for fast and clean disposal. Access for cleaning and maintenance work is possible via one or several service access covers.

The innovative Shredder-Mix-System with integrated macerating system is responsible for homogenising and circulating the tank contents. Cleaning takes place via an exterior pump which is installed in a separate engineering chamber and can be disconnected from the tank by a shut-off valve. A direct disposal pipe socket is available for odour-neutral manual disposal.

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.

Thanks to the customisable cleaning program with fast-selection function, cleaning can be adapted to the local circumstances as required. 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:

underground installation

### Version:

Shut-off valve:

yes

Type of disposal:

automatic cleaning system

Disposal system:	Disposal connection
Disposal variant:	Auto Mix
Refill inlet in accordance with DIN 1988:	yes
Nominal size (NS):	1
Sampling device:	Type NBG
Inspection window:	no
Shredder-Mix-System:	yes
SonicControl:	no
Water supply:	2 solenoid valves 1"
Load-bearing capacity (DIN 19901):	E2
Note on installation depth:	Installation in the ground, frost-free depth 1200 mm
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:

Required access area, length:	1,380 mm
Required access area, width:	1,220 mm
Required access area, height:	1,500 mm

### Tank:

Inlet nominal size (DN):	150
Inlet nominal size (OD):	160 mm
Outlet nominal size (DN):	100
Outlet nominal size (OD):	110 mm
Distance pipe bottom inlet to tank bottom:	795 mm
Distance pipe bottom outlet to tank bottom:	690 mm
Installation depth:	800 - 1,200 mm
Groundwater resistant from lower edge of base section:	500 mm
Clear width of tank (LW):	1,000 mm
Clear width of entry (LW):	600 mm
Connection inlet/outlet sockets:	PE-HD pipes in accordance with DIN 19537, PVC-KG pipes in accordance with DIN 19534, PP or AS
Vertical adjustment:	vertically adjustable upper section, can be tilted by 5 degrees

**Coverage features:**

Type of cover:	Cover plate
Cover material:	Grey iron
Colour of cover:	black
Load class:	B 125 (EN 124)
Length:	648 mm
Width:	648 mm
Height:	95 mm
Tightness:	odour-tight and surface water resistant
Locking:	unlocked

**Wastewater contents:**

Separator contents:	230 l
Total volume:	370 l
Contents of sludge trap:	140 l
Storage quantity of grease:	70 l

**Pumping device:**

Pump:	SPF 260 KE
Number of pumps:	1
Max. pumping capacity:	65 m <sup>3</sup> /h
Max. pumping height:	13 m
Operating voltage:	400 V
Mains frequency:	50 Hz
Operating mode:	S2 - 30 min.
Power P1:	3.4 kW
Power P2:	2.6 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:	40 kg
Impeller type:	Radial impeller with macerating system
Length of mains cable for pump:	5 m
Rated current:	6.4 A
Protection class (pump):	IP 68 (3m/48h)
Protection class:	I
Type of pump connection cable:	H07RN-F 7G 1.5 mm <sup>2</sup>
Temperature monitoring:	integrated
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:	no
GSM interface:	no
Potential-free contact:	yes
Type of fuse required (electrical protection):	3 x C 20 A
Type of fuse required (RCD):	30 mA
Motor protection switch:	yes
Protection class control unit:	IP 54