Data sheet

Grease separator EasyClean free NS 3, Auto Mix, SonicControl

Article information

article number: 93003.02/DSP
EAN code: 4026092064979
Price group: 60

Product advantages

- Direction of flow can be changed thanks to self-sealing interchangeable hubs
- Low-maintenance operation
- 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 is carried out by an exterior pump which 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, 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.

General features

Material	PE
Standard	EN 1825: 2004
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
Tightness	odour-tight

Version

Shut-off valve	yes
Disposal variant	Auto Mix
Shredder-Mix-System	yes
Inspection window	yes
Nominal size (NS)	3
SonicControl	yes
Disposal system	Disposal connection
Refill inlet in accordance with DIN 1988	yes
Type of disposal	automatic cleaning system
Water supply	2 solenoid valves 1"
Load-bearing capacity (DIN 19901)	F3

Dimensions

Net weight	146 kg
Gross weight	171 kg
Set-up area, length	1736 mm
Set-up area, width	841 mm
Set-up area, height	1767 mm
Required access area, length	1500 mm
Required access area, width	680 mm
Required access area, height	1523 mm
Length	1736 mm
Width	841 mm
Height	1767 mm
Packaging dimension: length	1900 mm
Packaging dimension: width	1050 mm
Packaging dimension: height	1520 mm

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	985 mm
Distance pipe bottom inlet to tank bottom	1055 mm
Outlet nominal size (OD)	110 mm
Outlet nominal size (DN)	100
Inlet nominal size (OD)	110 mm
Inlet nominal size (DN)	100
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

Coverage features

Type of cover	Cover
Cover material	Polymer
Colour of cover	violet
Locking	Quick-release closure
Tightness	odour-tight

Pumping device

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 m³/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 mm²
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	yes
Multi-line display	yes
Battery buffering	no
Self-diagnosis system (SDS)	yes
Type of fuse required (control unit)	Fuse protection through control unit 400 V
Rated current	|

Separator contents	300 l
Total volume	600 l
Contents of sludge trap	300 l
Storage quantity of grease	120 l