

Grease separator EasyClean free NS 20, Auto Mix

Article information

Item no.: 93020.01/DSP

GTIN:

Price group: 60

Advantages

- Clean and odour-free disposal and cleaning
- Customisation possible through control unit
- 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 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. Observance of the Drinking Water Hygiene Directive can be guaranteed through the fully automatic rinsing of the drinking water pipes. 20 year polyethylene warranty.

Variant

Shut-off valve:	yes
Disposal variant:	Auto Mix
Shredder-Mix-System:	yes
Inspection window:	yes
Nominal size (NS):	20
SonicControl:	no
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

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

Diameter:	630 mm
Set-up area, length:	4510 mm
Set-up area, width:	1620 mm
Set-up area, height:	1555 mm
Required access area, length:	4250 mm
Required access area, width:	1350 mm
Required access area, height:	1525 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:	1030 mm
Distance pipe bottom inlet to tank bottom:	1100 mm
Outlet nominal size (OD):	200 mm
Outlet nominal size (DN):	200 mm
Inlet nominal size (OD):	200 mm
Inlet nominal size (DN):	200 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:	1370 l
Total volume:	3370 l
Contents of sludge trap:	2000 l
Storage quantity of grease:	800 l

Pumping device

Pump:	SPF 300 KE 2.0
Number of pumps:	2
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 (electrical protection):	Fuse protection through control unit 400 V