EasyClean round grease separator free, NS 20, Auto Mix

Article information

Item no.: 93020.05/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 is manufactured without the need for metallic internal structural components. The collection tank made of permanently resistant polymer (PE) is equipped with an integrated sludge trap and has sloped sides in the base to promote fast and efficient 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 homogenises and circulates the tank contents. Cleaning is carried out via 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 via 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. Compliance with the German Drinking Water Hygiene Ordinance can be ensured by fully-automatic rinsing of the drinking water pipes. 20 year polyethylene warranty.

Variant
Shut-off valve: yes
Disposal variant: Auto Mix
Protection class motor: yes
Sludge bucket: yes
Nominal size (NS):   20
SonicControl: no
Disposal system: Disposal connection
Type of disposal: automatic cleaning system
Shaft seal: 2 solenoid valves 1"
Load-bearing capacity (DIN 19901):   F3

General characteristics
Scope of delivery: Storz-B coupling R 2 1/2" for disposal vehicle connection

Dimensions
Net weight: 710 kg
Gross weight: 710 kg
Set-up area, length: 2230 mm

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Set-up area, width:	1922 mm
Set-up area, height:	2300 mm
Required access area, length:	2230 mm
Required access area, width:	1880 mm
Required access area, height:	2300 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:	1850 mm
Distance pipe bottom inlet to tank bottom:	1920 mm
Outlet nominal size (OD):	200 mm
Outlet nominal size (DN):	200 mm
Inlet nominal size (DN):	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
Cover locking:	Quick-release closure
Tightness:	odour-tight

Wastewater contents

Separator contents:	2650 l
Total volume:	4650 l
Hose:	2000 l
Storage quantity of light liquid:	800 l

Pumping device

Pump control:	SPF 300 KE 2.0
Number of pumps:	2
Connection type:	Direct connection
Rated current:	6,2 A
Length of mains cable for pump:	5 m
Self-diagnosis system (SDS):	I
Protection class control unit:	IP 55
DSC:	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 fuse required (electrical protection):	Fuse protection through control unit 400 V

Type of pump connection cable: H07RN-F 7G 1.5 mm²
Impeller type: Radial impeller with macerating system

Control
Control unit: yes
Motor protection switch: yes
Type of fuse required (RCD):   30 mA
Protection class probe: 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
Rated current: 6,2 A

Subject to technical changes. 19.05.2024