

## Grease separator EasyClean free NS 40, Auto Mix & Pump

## **Article information**

Item no.: 93040.01/PVS GTIN: 4026092103784

Price group: 60

## **Advantages**

- Clean and odour-free disposal and cleaning
- Customisation possible through control unit
- Clean and odour-free disposal and cleaning

## **Description**

The separator for greasy wastewater is suitable for free-standing set-up in frostprotected 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 and odour-neutral disposal takes place via an exterior pump with 2-way valve and actuator which can be disconnected from the tank by a shut-off valve. 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 & Pump

Shredder-Mix-System: yes
Sludge bucket: yes
Nominal size (NS): 40
SonicControl: no

Disposal system: Disposal pump

Refill inlet in accordance with DIN 1988: yes

Type of disposal: automatic disposal and 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

Net weight: 675 kg Gross weight: 675 kg Set-up area, length: 6680 mm Set-up area, width: 1870 mm Set-up area, height: 1662 mm Required access area, length: 6200 mm Required access area, width: 1600 mm Required access area, height: 1662 mm Packaging dimension: length Packaging dimension: width Packaging dimension: height

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: 1130 mm Distance pipe bottom inlet to tank bottom: 1200 mm Outlet nominal size (OD): 250 mm Outlet nominal size (DN): 250 mm Inlet nominal size (OD): 250 mm Inlet nominal size (DN): 250 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: 5000 l
Total volume: 4000 l
Contents of sludge trap: 4000 l
Storage quantity of grease: 1600 l

Pumping device

Pump: SPF 300 KE 2.0

Number of pumps: 2
Weight, pump: 44 kg

Connection type: Direct connection

Rated current: 6,2 A
Length of mains cable for pump: 5 m
Protection class (pump): IP 55



Temperature monitoring: integrated Max. temperature (permanent) of conveyed 40 °C

material:

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.

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 mm<sup>2</sup>

Impeller type: Radial impeller with macerating system

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: yes Log book function: yes Multi-line display: yes Battery buffering: no Self-diagnosis system (SDS): yes Rated current: 6,2 A