Data sheet

Collection tank EasyStore ground WR, 15000 l, AutoMix, 1450-1770, Cl.D

Article information

article number: 97150G6B-170D
EAN code

Product advantages

Description

The collection tank, made from durable PE and housed within a twin walled re-enforced pipe for the storage of food waste, is suitable for deep burial and installation in areas at risk of groundwater contamination, and contains no metal components.

Access for cleaning and maintenance work is possible via inspection hatches fitted with plastic extension pieces for stepless height and level adjustment.

The innovative shredder-mix system with integrated grinder homogenises and circulates the tank contents. Cleaning is carried out via an external, floodable pump, which is housed in an integrated, walk-in technical compartment and can be separated from the tank by a shut-off valve. A direct discharge connection is provided for odour-free manual disposal. In addition, the food waste collection tank features a rounded base for quick and clean disposal.

The fully automatic programme sequence is controlled by a user-friendly control unit with a multi-line display, which can be integrated into the building management system via a potential-free contact. The control unit, with a 10 m cable, is factory-fitted in the service shaft. Cleaning and disposal can be initiated from a remote location via a remote control. Thanks to the customisable cleaning programme with quick-select function, cleaning can be adapted to local conditions as required. Compliance with the Drinking Water Hygiene Regulation can be ensured by means of a fully automated flushing of the drinking water pipes. The filling device and solenoid valves must be installed on site in a dry room.

The internal piping between the collection tank and the pump is pre-assembled; the external empty conduits and connections must be provided on site. For load class D, a load distribution plate must be installed on site. The reinforcement plans form part of the EBA and are available from KESSEL. The tank is resistant to groundwater up to ground level (GOK).

20-year warranty on the PE material.

General features

Material	PE
Installation situation	underground 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 and surface water resistant

Version

Note on installation depth	Ground installation frost-free depth 1700 mm
Shut-off valve	yes
Disposal variant	Auto Mix
Shredder-Mix-System	yes
Disposal system	Disposal connection
Refill inlet in accordance with DIN 1988	yes
Type of disposal	automatic cleaning system
Water supply	1 Solenoid valve 1"
Load-bearing capacity (DIN 19901)	E4
Nominal volume	15000 l

Dimensions

Diameter	2360 mm
Installation depth	1450|1770 mm
Type of height adjustability	vertically adjustable upper section, can be tilted by 5 degrees
Required access area, length	8500 mm
Required access area, width	2460 mm
Groundwater resistance	Up to the top edge of the cover (to prevent buoyancy, the collection tank must be anchored in place with concrete)

Tank/drain body

Distance from centre of inlet pipe to tank bottom	1880 mm
Clear width of entry (LW)	600 mm

Coverage features

Type of cover	Cover plate
Cover material	Grey iron
Colour of cover	black
Height of cover	121 mm
Locking	locked
Load class	D 400 (EN 124)
Tightness	odour-tight and surface water resistant

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 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
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
Mains frequency	50 Hz