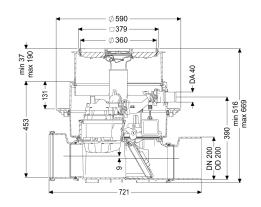


Backwater lifting station Ecolift DN 200, Floor slab, tileable





Article information

Item no.: 21200X GTIN: 4026092046876 Price group: 20

Advantages

- Hybrid function: uses the natural fall to the sewer pump is only used in case of backwater
- Quiet and energy-saving
- Double safety due to backwater flap and pressure loop

Description

The backwater lifting station for faecal and non-faecal wastewater is equipped with one pump and one motor-driven closure system. The pipe cross-section is normally open and the water drains to the sewer via natural fall. Backwater is detected by an optical probe, which causes the motor-driven closure system to close automatically. During the backwater phase, the water drains via a pressure pipe, which carries the wastewater above the backwater level and into the sewer. Connection hole in the drain body for installation in the ground, incl. seal for pressure pipe and cable conduit. The station is controlled by a user-friendly control unit, which is optionally integrated in the building management system via a potential-free contact, or alarm and collective fault messages can be output via a GSM interface.

Variant

Emergency closure: Passage seal for conduit pipe (DN): Pump control: Protection class, probe: Motor-driven backwater flaps:	yes 50 Control unit IP 68 (3m/48h) 1
General characteristics	
Colour:	black
Nominal size (DN):	200
Outer diameter (OD):	200 mm



Note on nominal size: Type of wastewater: Installation situation: Delivery state:

Approval: Motor type: Type de protection moteur: Odour trap:

Dimensions Net weight: Gross weight: Groundwater resistant from lower edge of base section: Cutout dimension, width: Cutout dimension, length: Vertical drop between inlet and outlet: Installation depth: Type of height adjustability: Length: Width: Packaging dimension: Packaging dimension:

Tank/drain body Nominal pressure (PN): Pressure pipe connection (OD): Socket version:

Coverage features Type of cover: Cover material: Width of cover: Length of cover: Drainage function: Locking: Load class: Max. flooring height:

Pumping device Pump: Number of pumps: Weight, pump: Connection type: Protection class: Insulation class: Cos phi - power factor: Hydraulics correspond to DN 150 with sewage floor slab installation Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected) Z-53.2-487 KSM 140 IP 68 (3m/48h) Multistop

3000 mm 750 mm 750 mm 9 mm 516 - 669 mm vertically adjustable upper section 720 mm 590 mm length width height

6

28 kg 33,5 kg

40 mm including spigot and socket

tileable cover plate Polymer 366 mm 366 mm yes Lock & Lift K 3 (EN 1253-1) 16 mm

SPZ 1000 1 10 kg coded plug I F 0,97



Protection class (pump): Temperature monitoring: Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height: Speed: Power P1: Power P1: Power P2: Operating mode: Type of fuse required (electrical protection): Type of pump connection cable: Impeller type: Length of mains cable for pump:

Control

Sontist	
Control unit:	Comfo
Standby power:	5 W
Alarm sensor:	optica
Level measurement instrument:	optica
Type of level measurement:	optica
Protection class control unit:	IP 54
Operating voltage:	230 V
Connection type:	coded
Length of mains cable for control unit:	1,4 m
Potential-free contact:	yes
GSM interface:	no
USB interface:	no
Log book function:	yes
Multi-line display:	yes
Battery buffering:	yes
Self-diagnosis system (SDS):	yes
Type of fuse required (electrical protection):	C 16 A
Rated current:	5,2 A

IP 68 (3m/48h) integrated 40 °C

11,5 m³/h 10 m 2800 U/min 1,2 kW 0,69 kW S3 - 50 % C 16 A H07RN-F 3G 1.5 mm² Macerator 5 m

Comfort 5 W optical probe optical probe optical IP 54 230 V coded plug 1,4 m yes no no yes yes yes yes yes C 16 A