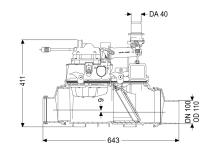


# Backwater lifting station Ecolift DN 100, exposed





## Article information

Item no.: 21100 GTIN: 4026092046760 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:

General characteristics Colour: Nominal size (DN): Outer diameter (OD): 50 Control unit IP 68 (3m/48h) 1

black 100 110 mm

yes



Type of wastewater: Installation situation: Delivery state:

Approval: Motor type: Type de protection moteur:

Dimensions Net weight: Gross weight: Groundwater resistant from lower edge of base section: Vertical drop between inlet and outlet: Length: Width: Height: Packaging dimension: Packaging dimension: Packaging dimension:

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

Pumping device Pump: Number of pumps: Weight, pump: Connection type: Protection class: Insulation class: Cos phi - power factor: Protection class (pump): Temperature monitoring: Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height: Speed: 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:

with sewage exposed drainage pipe 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) 20 kg 25,5 kg 2000 mm 9 mm 642 mm 243 mm 405 mm length width height 6 40 mm including spigot and socket SPZ 1000 1 10 kg coded plug T F 0.97 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



Control	
Control unit:	Comfort
Standby power:	5 W
Alarm sensor:	optical probe
Level measurement instrument:	optical probe
Type of level measurement:	optical
Protection class control unit:	IP 54
Mains frequency:	50 Hz
Operating voltage:	230 V
Connection type:	coded plug
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