

# Backwater lifting station Ecolift w/o socket, exposed







### Article information

Item no.: 21000 GTIN: 4026092058541 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: Type of wastewater: Installation situation: yes 50 Control unit IP 68 (3m/48h) 1

black with sewage exposed drainage pipe



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: Installation depth: 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: 1 Weight, pump: 10 kg Connection type: Protection class: L F Insulation class: 0,97 Cos phi - power factor: Protection class (pump): Temperature monitoring: Max. temperature (permanent) of conveyed 40 °C material: Max. pumping capacity: Max. pumping height: 10 m Speed: Power P1: 1,2 kW Power P2: Operating mode: Type of fuse required (electrical protection): C 16 A Type of pump connection cable: Impeller type: Length of mains cable for pump: 5 m

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)

243 mm 405 mm length width height 6 40 mm optional SPZ 1000 1 10 kg coded plug I F 0,97 IP 68 (3m/48h) integrated 40 °C 11,5 m³/h 10 m

19,6 kg

25,1 kg

9 mm

405 mm

2000 mm

516 - 669 mm

10 m 2800 U/min 1,2 kW 0,69 kW S3 - 50 % C 16 A H07RN-F 3G 1.5 mm<sup>2</sup> Macerator 5 m

Control

