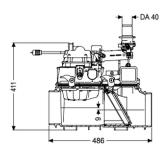


# Backwater lifting station Ecolift w/o socket, exposed







### 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): Rim width: 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:

Inlet max. scoring (DN): Motor type: Protection class (pump):

Dimensions Net weight: Gross weight: Groundwater resistant from lower edge of base section: Vertical drop between inlet and outlet: 9 mm Installation depth: Lenath: Width: Height: Packaging dimension: Packaging dimension: width Packaging dimension: Tank/drain body Nominal pressure (PN): 6 Pressure pipe connection (OD): System: Pumping device Pump control: Number of pumps: 1 Weight: 10 kg Connection type: Rated current: 5,2 A Length of mains cable for pump: 5 m Self-diagnosis system (SDS): L F Insulation class: 0,97 Cos phi - power factor: Protection class control unit: IP 68 (3m/48h) DSC: integrated Max. temperature (permanent) of conveyed 40 °C material: Max. pumping capacity: 11,5 m<sup>3</sup>/h Max. pumping height: 10 m Speed: 2800 U/min

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) 19,6 kg 25,1 kg 2000 mm 516 - 669 mm 405 mm 243 mm 405 mm length height 40 mm optional SPZ 1000 coded plug

1.2 kW

C 16 A

0,69 kW

S3 - 50 %

Macerator

H07RN-F 3G 1.5 mm<sup>2</sup>

Power P1:

Power P2:

Operating mode:

Impeller type:

Type of fuse required (electrical protection):

Type of pump connection cable:



Control Control unit: Comfort Standby power: 5 W Alarm sensor: optical probe optical probe Level measurement instrument: Type of level measurement: optical Protection class probe: IP 54 230 V Operating voltage: 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 Rated current: 5,2 A