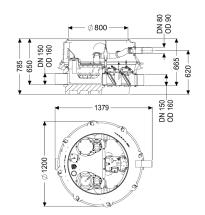


## Ecolift XL backwater lifting st. Mono, 2 motor flaps, SPF 1400-S3, Taper





## Article information

Item no.: 8741048 GTIN: 4026092070574 Price group: 60

## **Advantages**

- Wastewater drainage without interruption, even if a power failure occurs, as long as there is no backwater
- low pump use
- minimised noise emissions

## Description

The backwater lifting station for faecal and non-faecal wastewater is equipped with one submersible pump, two motor-driven closure systems and a backflow preventer. The collection tank made of permanently resistant polymer (PE) has an enclosed pump tank. Quick-release closures enable the integrated components to be removed easily. 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 closure systems to close automatically and there is no longer free passage to the sewer. During the backwater phase, the water drains via a pressure pipe, which carries the wastewater into the sewer. The pressure pipe is a welded PE pipe; with pump SPF 4500, the pressure pipe must also be continued up to a pressure release chamber. 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. A redundant control unit also provides additional safety. The KESSEL modular system provides different upper sections and engineering chamber options as accessories.

Variant Note on installation depth: Type of system: Shut-off valve:

Version with lowest installation height Single unit Shut-off valve made of polymer



General characteristicsColour:blackStandard:ONORM B 2501Type of wastewater:on row setwater with and without sewageInstallation situation:underground installationDelivery state:Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected)Backwater protection:Type 6Approval:Z-53.2-493DimensionsTuta 37 kgNet weight:114.37 kgGroundwater resistant from lower edge of base section:3000 mmVertical drop between inlet and outlet:15 mmLength:136,07 kgGroundwater resistant from lower edge of base section:3000 mmVertical drop between inlet and outlet:15 mmLength:1379 mmWidth:1200 mmPackaging dimension:lengthPackaging dimension:widthPackaging dimension:widthPackaging dimension:0Pressure pipe connection (DN):80Pressure pipe connection (DN):70Distance pipe bottom unlet to tank bottom:120 mmDistance pipe bottom unlet to tank bottom:135 mmDistance pipe bottom inlet to tank bottom:135 mmDistance pipe bottom inlet to tank bottom:135 mmDistance row inlet to pip tank:645 nmNumber of unlets:1Dutt to minal size (DN):150 mmNumber of inlets:1Dutt to minal size (DN):150 mmNumber of inlets:1 <th>Passage seal for conduit pipe (DN): Passage seal for ventilation pipe (DN): Pump control: Backflow preventer: Pressure pipe connection: Motor-driven backwater flaps:</th> <th>100 70 Control unit integrated horizontal 2</th>	Passage seal for conduit pipe (DN): Passage seal for ventilation pipe (DN): Pump control: Backflow preventer: Pressure pipe connection: Motor-driven backwater flaps:	100 70 Control unit integrated horizontal 2
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Tank volume:65 l		
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Pumping device



Pump: Number of pumps: Weight, pump: Connection type: Rated current: 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: Free passage: Length of mains cable for pump:

Control Control unit: Standby power: Alarm sensor: Level measurement instrument: Type of level measurement: Protection class control unit: Operating voltage: Connection type: Length of mains cable for control unit: Potential-free contact: GSM interface: **USB** interface: Log book function: Multi-line display: Battery buffering: Self-diagnosis system (SDS): Type of fuse required (electrical protection):

SPF 1400-S3 EcoXL 1 25 kg coded plug 7,3 A I F 0.98 IP 68 (3m/48h) integrated 40 °C 28 m<sup>3</sup>/h 7.5 m 1370 U/min 1,6 kW 1.1 kW S3 - 50 % C 16 A H07RN-F 7G 1.5 mm<sup>2</sup> Multi-vane impeller 40 mm 10 m Comfort Plus with redundancy 5 W optical probe Immersion pipe pneumatic IP 54 230 V coded plug 1,6 m yes yes yes

yes

yes

yes

yes

C 16 A