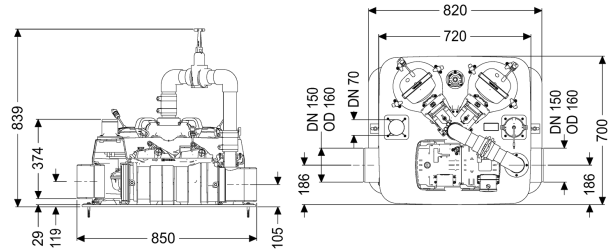
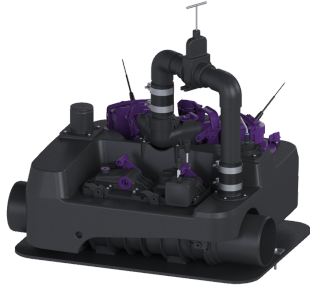


## Hybrid lifting station Ecolift L Duo, FKA, SPF 1350-S3, Direct



### Article information

Item no.: 22007  
 GTIN: 4026092105856  
 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
- Tool-free maintenance

### Description

The alternative to a sewage lifting station. For faecal wastewater, bottom section made of PE-LD, for installation in an exposed drainage pipe, drainage via the gravity pipe to the sewer. Lifting function with one pump or two pumps, only in the event of backwater, the backwater flap can be closed by a motor, with an additional hinged flap.

During the backwater phase the wastewater drains via integrated pressure pipe. Including a backflow preventer and shut-off valve for the pressure pipe. Including penetration seals DN 70 for the on-site ventilation pipe Polymer closure system for the drainage pipe for safe closure of the drainage pipe in the event of backwater. Consisting of a hinged flap including an emergency closure (for manual locking if required) and an electrically powered closure mechanism including a probe protected against wire breakage for the detection of backwater.

Control units with an integrated self-diagnosis system (SDS), display of the operating states and integrated battery back-up for alarm signals. User-friendly menu guidance in a multi-line display. With a self-diagnosis system (SDS) and reminder when maintenance is due. Display of the current measured values. Simple adjustment of the function-related parameters, including the operating hour counter and potential-free contact. Optional relaying of alarm and collective error messages via the GSM interface.

Control unit with a full text display in six languages.

**General characteristics**

|                            |                       |
|----------------------------|-----------------------|
| Colour:                    | black                 |
| Type of wastewater:        | with sewage           |
| Installation situation:    | exposed drainage pipe |
| Approval:                  | Z-53.2-493            |
| Type de protection moteur: | IP 68                 |

**Dimensions**

|                      |          |
|----------------------|----------|
| Net weight:          | 50,47 kg |
| Gross weight:        | 76,19 kg |
| Length:              | 700 mm   |
| Width:               | 850 mm   |
| Height:              | 839 mm   |
| Packaging dimension: | length   |
| Packaging dimension: | width    |
| Packaging dimension: | height   |

**Tank/drain body**

|                                |        |
|--------------------------------|--------|
| Pressure pipe connection (DN): | 50     |
| Pressure pipe connection (OD): | 63 mm  |
| Outlet nominal size (DN):      | 150 mm |
| Pumping volume:                | 20 l   |

**Wastewater contents**

|               |      |
|---------------|------|
| Total volume: | 66 l |
|---------------|------|

**Pumping device**

|  |                      |
|--|----------------------|
| Pump:  | SPF 1350             |
| Number of pumps:                               | 2                    |
| Operating voltage:                             | 230 V                |
| Protection class (pump):                       | IP 68 (3m/48h)       |
| Max. pumping capacity:                         | 26 m <sup>3</sup> /h |
| Max. pumping height:                           | 10 m                 |
| Power P1:                                      | 1,35 kW              |
| Power P2:                                      | 0,86 kW              |
| Operating mode:                                | S3 - 50 %            |
| Type of fuse required (electrical protection): | C 16 A               |
| Impeller type:                                 | Multi-vane impeller  |
| Free passage:                                  | 40 mm                |
| Length of mains cable for pump:                | 5 m                  |
| Length of mains cable for flap motor:          | 5 m                  |
| Rated current:                                 | 6 A                  |

**Control**

|   |                |
|---|----------------|
| Control unit:                           | Comfort        |
| Level measurement instrument:           | Immersion pipe |
| Type of level measurement:              | pneumatic      |
| Mains frequency:                        | 50 Hz          |
| Operating voltage:                      | 230 V          |
| Length of mains cable for control unit: | 1 m            |

Type of fuse required (electrical protection): C 16 A