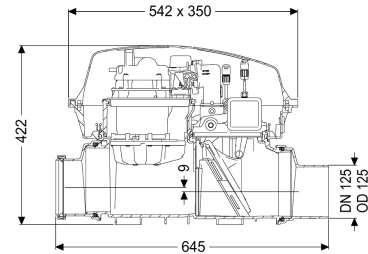


## Backwater pump station, Pumpfix F DN 125, exposed



### Article information

Item no.: 24125  
 GTIN: 4026092046494  
 Price group: 30

### Advantages

- Backwater pumping station: uses the natural fall to the sewer - pump is only used for backwater
- Flexible installation, different covers with drain function available for installation in the floor slab
- Quiet and energy-saving

### Description

The premium backwater pumping station for faecal and non-faecal wastewater is equipped with a pump and a motor-driven closure system. The pipe cross-section is normally open. In case of backwater, the motor-driven closure system is closed automatically. During the backwater phase, the water drains via the pump with integrated macerator. 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:            | yes            |
| Pump control:                 | Control unit   |
| Protection class, probe:      | IP 68 (3m/48h) |
| Motor-driven backwater flaps: | 1              |

#### General characteristics

|                         |                       |
|-------------------------|-----------------------|
| Colour:                 | black                 |
| Nominal size (DN):      | 125                   |
| Outer diameter (OD):    | 125 mm                |
| Type of wastewater:     | with sewage           |
| Installation situation: | exposed drainage pipe |

|  |  |
|--|--|
| Delivery state:                                    | Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected) |
| Approval:  | Z-53.2-388   |
| Motor type:  | KSM 140  |
| Type de protection moteur:                         | IP 68 (3m/48h)   |
| <b>Dimensions</b>                                  |  |
| Net weight:  | 20 kg  |
| Gross weight:                                      | 25,5 kg  |
| Vertical drop between inlet and outlet:            | 9 mm   |
| Installation depth:                                | 500 - 640 mm   |
| Length:  | 645 mm   |
| Width:   | 350 mm   |
| Height:  | 422 mm   |
| Packaging dimension:                               | length   |
| Packaging dimension:                               | width  |
| Packaging dimension:                               | height   |
| Tank/drain body                                    |  |
| Socket version:                                    | including spigot and socket  |
| <b>Coverage features</b>                           |  |
| Type of cover:                                     | Protective cover   |
| Cover material:                                    | Polymer  |
| Colour of cover:                                   | transparent  |
| Width of cover:                                    | 350 mm   |
| Height of cover:                                   | 165 mm   |
| Length of cover:                                   | 542 mm   |
| Locking:   | Clip closure   |
| <b>Pumping device</b>                              |  |
| Pump:  | SPZ 1000   |
| Number of pumps:                                   | 1  |
| Weight, pump:                                      | 10 kg  |
| Connection type:                                   | coded plug   |
| Rated current:                                     | 5,2 A  |
| Protection class:                                  | I  |
| Insulation class:                                  | F  |
| Cos phi - power factor:                            | 0,97   |
| Protection class (pump):                           | IP 68 (3m/48h)   |
| Temperature monitoring:                            | integrated   |
| Max. temperature (permanent) of conveyed material: | 40 °C  |
| Max. pumping capacity:                             | 11,5 m <sup>3</sup> /h   |
| Max. pumping height:                               | 10 m   |
| Speed:   | 2800 U/min   |
| Power P1:  | 1,2 kW   |
| Power P2:  | 0,69 kW  |
| Operating mode:                                    | S3 - 50 %  |

|  |   |
|--|---|
| Type of fuse required (electrical protection): | C 16 A  |
| Type of pump connection cable:                 | H07RN-F 3G 1.5 mm <sup>2</sup>                                |
| Impeller type:                                 | Macerator   |
| Motor connection cable type:                   | ÖPVC-JB/OB 300/500 V/3 x 0,75 mm <sup>2</sup> mm <sup>2</sup> |
| Sensor connection cable type:                  | ÖPVC-JB/OB 300/500 V/3 x 0,75 mm <sup>2</sup> mm <sup>2</sup> |
| Length of mains cable for pump:                | 5 m   |
| Control  |   |
| Control unit:                                  | Comfort   |
| Alarm sensor:                                  | optical probe   |
| Level measurement instrument:                  | optical probe   |
| Type of level measurement:                     | optical   |
| Protection class control unit:                 | IP 54   |
| Operating voltage:                             | 230 V   |
| Connection type:                               | coded plug  |
| Length of mains cable for control unit:        | 1,4 m   |
| Potential-free contact:                        | optional  |
| GSM interface:                                 | yes   |
| USB interface:                                 | yes   |
| 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  |