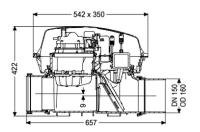


## Backwater pump station, Pumpfix F DN 150, exposed





## Article information

Item no.: 24150

GTIN: 4026092046500

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

Rim width: Control unit
Protection class, probe: IP 68 (3m/48h)

Motor-driven backwater flaps:

General characteristics

Colour: black
Nominal size (DN): 150
Outer diameter (OD): 160 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)

Inlet max. scoring (DN): Z-53.2-388 Motor type: KSM 140

Protection class (pump): IP 68 (3m/48h)

Dimensions

Net weight:22,27 kgGross weight:22,41 kgVertical drop between inlet and outlet:9 mm

Installation depth: 500 - 640 mm

Length:656 mmWidth:350 mmHeight:422 mmPackaging dimension:lengthPackaging dimension:widthPackaging dimension:height

Tank/drain body

System: including spigot and socket

Coverage features

Type of cover: Protective cover

Cover material:

Colour of cover:

Width of cover:

Height of cover:

Length of cover:

Cover locking:

Polymer

transparent

350 mm

165 mm

Clip closure

Pumping device

Pump control: SPZ 1000

Number of pumps:

Weight:

10 kg

Connection type:

coded plug

Rated current:

5,2 A

Length of mains cable for pump:

Self-diagnosis system (SDS):

I

Insulation class:

Cos phi - power factor: 0,97

Protection class control unit: IP 68 (3m/48h) DSC: integrated

Max. temperature (permanent) of conveyed 40 °C

material:

Max. pumping capacity: 11,5 m³/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:  $\ddot{O}PVC$ -JB/OB 300/500 V/3 x 0,75 mm2 mm² Sensor connection cable type:  $\ddot{O}PVC$ -JB/OB 300/500 V/3 x 0,75 mm2 mm²

Control

Comfort Control unit: optical probe Alarm sensor: Level measurement instrument: optical probe Type of level measurement: optical Protection class probe: IP 54 Operating voltage: 230 V Connection type: coded plug Length of mains cable for control unit: 1,4 m Potential-free contact: optional yes yes

Potential-free contact:

GSM interface:

USB interface:

Log book function:

Multi-line display:

Battery buffering:

Self-diagnosis system (SDS):

Rated current:

optior

yes

yes

yes

yes

yes

Self-diagnosis system (SDS):

7,2 A