

## Pumpfix F conversion kit DN 100-200, fr. 01/2012, 15 m cable



### Article information

Item no.: 80102  
GTIN: 4026092051160  
Price group: 30

### Description

The conversion kit 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.

The conversion kit is used to upgrade backwater chambers LW 1000 and backwater module chambers LW 1000 with the Pumpfix F backwater pumping station.

Type of wastewater: wastewater with and without sewage

### General characteristics:

Nominal size (DN): 100-200  
Note on nominal size: Hydraulics correspond to DN 150

Approval: Z-53.2-388

### Pumping device:

Pump: SPZ 1000  
Number of pumps: 1  
Max. pumping capacity: 11.5 m<sup>3</sup>/h  
Max. pumping height: 10 m  
Operating mode: S3 - 50 %  
Power P1: 1.2 kW  
Power P2: 0.69 kW  
Speed: 2,800 U/min  
Type of fuse required (electrical protection): C 16 A

Max. temperature (permanent) of conveyed material:	35 °C
Connection type:	coded plug
Weight:	10 kg
Impeller type:	Macerator
Rated current:	5.2 A
Protection class (pump):	IP 68 (3m/48h)
Protection class:	I
Type of pump connection cable:	H07RN-F 3G 1.0 mm <sup>2</sup>
Temperature monitoring:	integrated
Cos phi - power factor:	0.97
Insulation class:	F
Cable length:	15 m

### **Control:**

Control unit:	Comfort
Operating voltage:	230 V
Mains frequency:	50 Hz
Self-diagnosis system (SDS):	yes
Battery buffering:	yes
Multi-line display:	yes
Log book function:	yes
USB interface:	yes
GSM interface:	yes
Potential-free contact:	optional
Protection class control unit:	IP 54
Length of mains cable for control unit:	1.4 m
Type of level measurement:	optical
Level measurement instrument:	optical probe
Alarm sensor:	optical probe