

# hybrid drainage

## Pumpfix F Komfort

Automatic backwater protection with over pumping. Protects a building from internal flooding, maintaining continuous discharge for all fixtures.

- Inline automatic non-return valve
- Over pumping function with macerator
- ABS & Polypropylene construction
- Waste water with sewage
- BSEN 13564 Type 3
- Max 3 l/s (10m<sup>3</sup>/h)
- 110, 160 & 200 Ø

Options:

- With recessed cover for on-site tiling and drain
- With black cover and drain

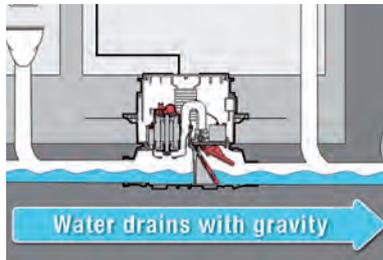


### Wastewater Pipe / Chamber

Size	Code	Price
110	24100	
160	24150	on application
200	24200	

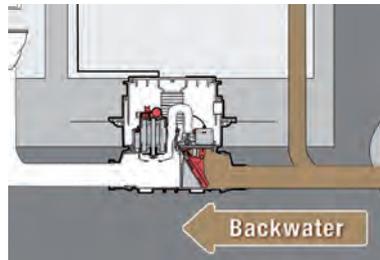
## Functions

### Normal Operation



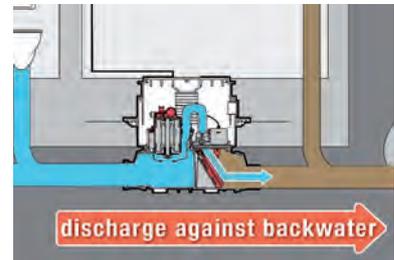
Wastewater freely flows from a building by the force of gravity underneath fully opened backwater flap

### Backwater Protection



During times of backwater the first optical probe senses the backwater and activates the motor to close the flap

### Discharge of wastewater during backwater



Wastewater from the building collecting in the Pumpfix F body will be sensed by a second optical probe which activates the pump and discharges the wastewater



### SmartSelect

SmartSelect is an efficient tool for configuring, designing and calculating drainage solutions. It significantly reduces planning effort.

SmartSelect provides registered users with a project management program which can be used to request and edit saved projects.

- Lifting station selection program
- Grease separator selection program
- Floor drain water proofing selection program

Call our sales team on 0800 975 7971 to discover the added value of this free of charge specification tool.

## Ecolift XL

The automatic backwater protection system for multiple properties, buildings with multiple occupancy, and public / commercial premises.

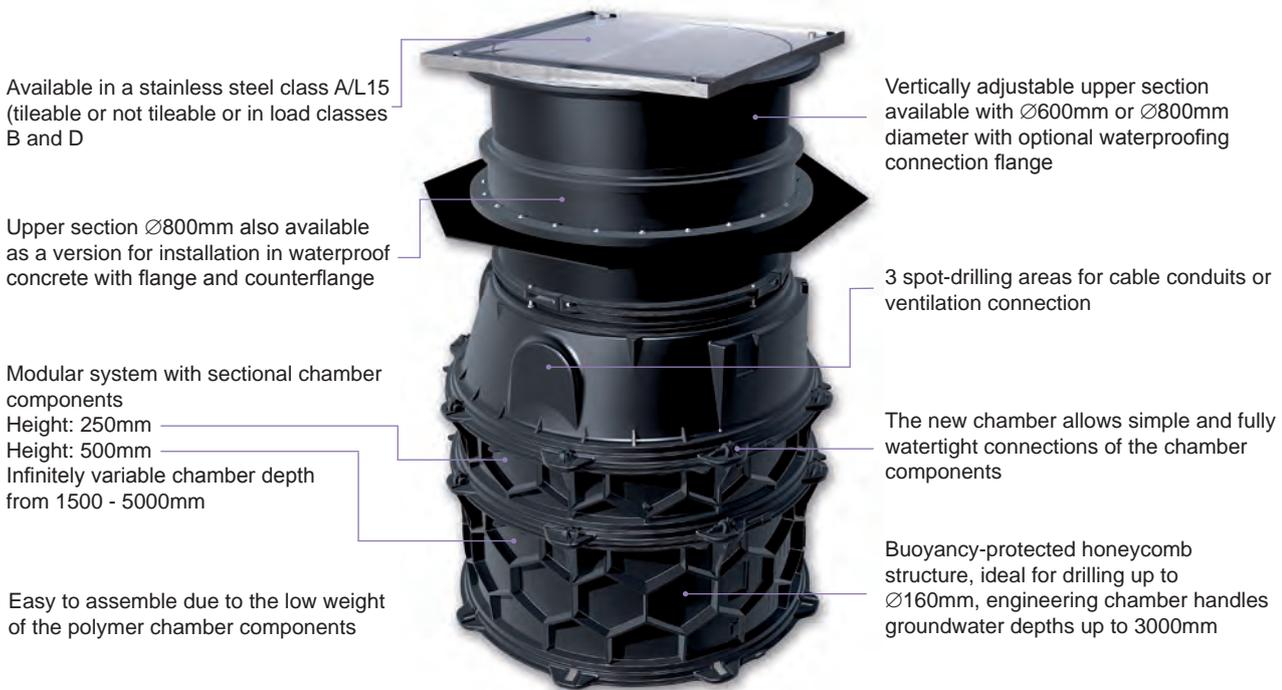
### Engineered Base

- ABS & Polypropylene construction
- Over pumping up to 17 l/s
- Vortex pumps 1.4, 1.5, 3.0 and 4.5 kw
- BSEN 13564 Type 3
- Digital control with telemetry
- Polypropylene construction
- Various heights to 5m max
- Ground water resistant to 3m max
- 600 or 800 Ø opening
- AL15, B & D glass covers



### 1. Engineering System Chamber -

for underground installation or in concrete slab



### 2. Engineering System Base -

in combination with the engineering system chamber

