

# Vectis®

## SUBMERSIBLE PUMP WITH LEVER FLOAT SWITCH

Reliable drainage of clean and wastewater.



# VERSATILE SOLUTIONS FOR HOME AND GARDEN

## Vectis®-Submersible wastewater pumps

The Vectis range offers reliable and flexible solutions for drainage around the home. Be it for property drainage, flood management, or garden irrigation – these compact, robust pumps offer versatility and ease of use.

With three power levels – Vectis 400, 600, and 800 – meets a broad spectrum of application requirements. The pumps are suitable for both stationary use in pits and basements and for mobile use during floods or in the garden.

An integrated lever float switch controls the pump in automatic mode. Thanks to a locking mechanism, continuous operation is also possible. The removable intake screen protects against coarse debris and allows low-level suction when needed. A vent screw makes startup easier.

For use with slightly aggressive media, the S-Vectis version is available – featuring particularly resistant components. The series is also available as a flood kit: a complete, ready-to-use emergency drainage package including hose and accessories.

The Vectis series combines thoughtful design with proven technology – for a wide range of private applications.



# VECTIS®-SERIES

## ALL ADVANTAGES AT A GLANCE



### ROBUST AND DURABLE

Made from **corrosion-resistant plastic** and **high-quality stainless steel** – ideal for long-term use with wastewater and drainage water.



### SAFE MOTOR OPERATION

Built-in thermal winding **protection reliably safeguards the motor from overheating**.



### RELIABLE SEALING

**A triple shaft seal ensures optimal protection** against the ingress of dirt and water.



### INTEGRATED CHECK VALVE

**Reliably prevents water backflow** and protects the pump and piping system during shutdown.



### MAINTENANCE-FRIENDLY AND FLEXIBLE

**Integrated vent screw** simplifies startup. Removable intake screen enables **low-level suction** – perfect for residual drainage down to just a few millimeters.



### SUITABLE FOR AGGRESSIVE MEDIA

**Special version** designed for the pumping of **slightly acidic condensate, aggressive, or salty media** (up to 15% salt content).



### THE RIGHT PERFORMANCE FOR EVERY APPLICATION

Available in **various performance classes** – perfectly suited for small to medium water volumes.



### AVAILABLE AS A FLOOD KIT

**Ideal for emergencies** such as flooding or heavy rainfall. **Ready for immediate use** – all in one set (pump, hose, and transport box).



### VERSATILE APPLICATION

**Automatic operation via lever float switch** – ideal for fluctuating water levels. **Continuous operation possible** thanks to the included locking device.

# VECTIS® PERFORMANCE DATA AT A GLANCE

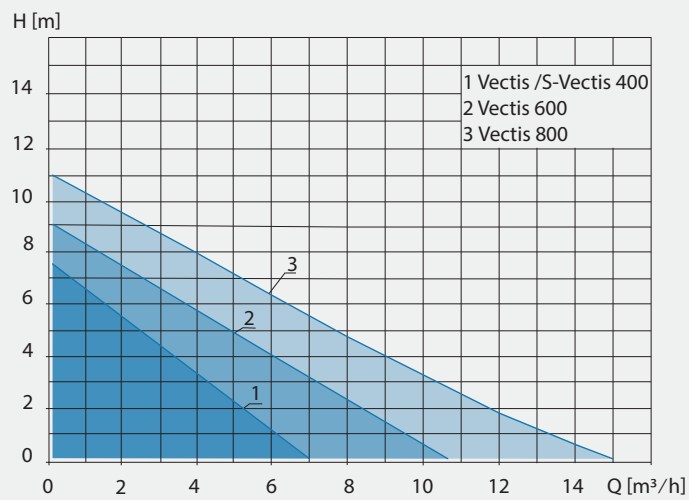
## Technical data

Type	Vectis® 400	Vectis® 600	Vectis® 800	S-Vectis® 400
Article number	21664	22060	22061	23018
Discount group	E	E	E	E
Weight (kg)	4,6	6,0	6,5	4,6
<b>Electrical characteristics</b>				
Voltage (V)	230	230	230	230
Current (A)	1,4	2,3	3,4	1,4
Frequency (Hz)	50	50	50	50
Input power P1 (W)	400	600	800	400
Output power P2 (W)	300	400	600	300
Speed (min <sup>-1</sup> )	2.800	2.800	2.800	2.800
Protection class	IP 68	IP 68	IP 68	IP 68
Power cable length (m)	10	10	10	10
<b>Materials</b>				
Impeller	PA6 GF25	PA6 GF25	PA6 GF25	PA6 GF25
Motor housing	Stainless steel 1.4401	Stainless steel 1.4401	Stainless steel 1.4401	Stainless steel 1.4404
Pump housing	PP GF30	PP GF30	PP GF30	PP GF30
Motor shaft	Stainless steel 1.4401	Stainless steel 1.4401	Stainless steel 1.4401	Stainless steel 1.4404
Motor seal	Shaft seal	Shaft seal	Shaft seal	Mechanical seal
Pump seal	Shaft seal	Shaft seal	Shaft seal	Shaft seal
<b>Hydraulic Properties</b>				
Max. head (m)	7,5	9,0	11,0	7,5
Max. flow rate (m <sup>3</sup> /h)	7,0	11,0	15,0	7,0
Solids handling (mm)	10	20	20	10
Max. medium temp. (°C)	35	35	35	35
Min. cut-in water level (mm)	190	250	250	190
Min. cut-out water level (mm)	90	150	150	90



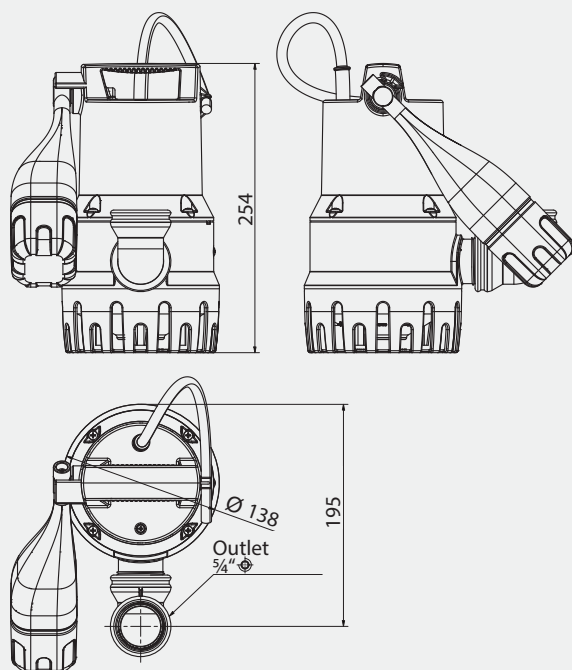


## Characteristics

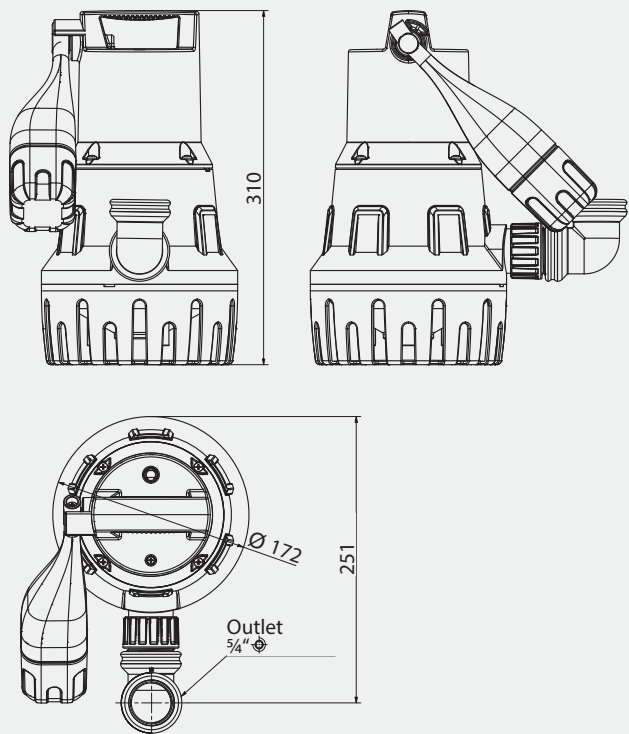


## Dimensions

### Vectis® 400 / S-Vectis® 400



### Vectis® 600 / Vectis® 800



# FLOOD EMERGENCY KIT VECTIS®

## Complete set for emergency drainage

The set includes all necessary accessories for immediate use in cases of rising groundwater or flooding. All components are designed for mobile and flexible operation.

### Set components

- 15 m C-hose with Storz C couplings (fire brigade standard)
- Plastic kink and crush protection for the hose
- Transport box (W 40 × H 33.3 × D 30 cm) → which also serves as a durable protective basket and can be used as a coarse filter against suspended solids
- 10 m power cable with Schuko plug
- Integrated check valve to prevent backflow
- 90° connection elbow, 1¼" female thread
- 

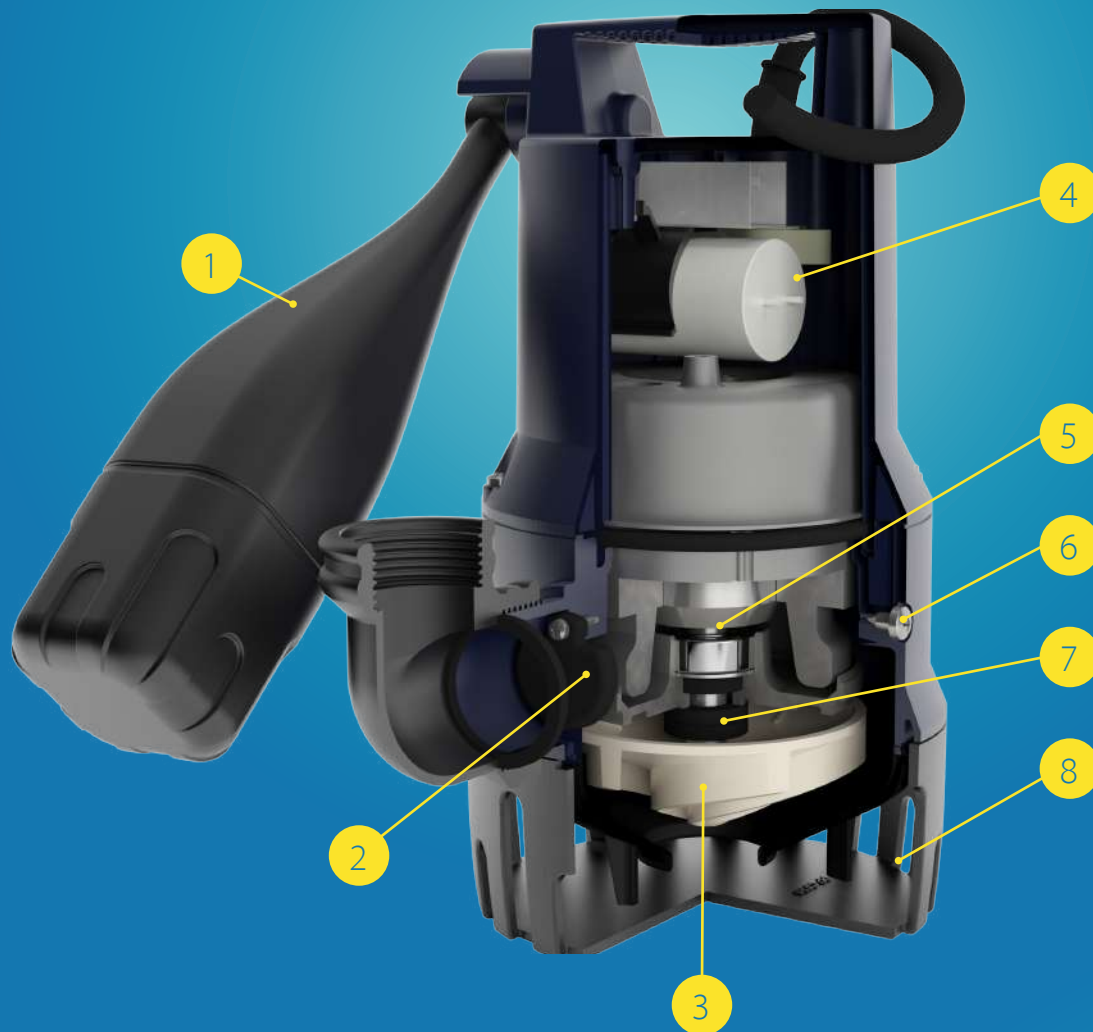
### Special features

- Removable intake screen for minimal residual water level
- Compact design and low weight – for easy storage and quick transportation
- Robust housing made of impact-resistant plastic
- 20 mm free passage – for safe handling of wastewater containing coarse particles
- Automatic control through a lever float switch
- Continuous operation possible using the included locking device
- The pump can be quickly removed from the box and used separately if needed

**WATCH NOW:  
UNBOXING VIDEO  
OF THE VECTIS®**



# TECHNOLOGY THAT IMPRESSES



1

**LEVER FLOAT SWITCH**

Controls automatic operation – can be locked for continuous operation.

2

**CHECK VALVE**

Integrated – reliably prevents backflow.

3

**IMPELLER**

Corrosion-resistant plastic – durable and low-maintenance.

4

**CAPACITOR**

Ensures reliable motor startup.

5

**MOTOR SHAFT**

Robust stainless steel shaft for high load capacity.

6

**VENT SCREW**

Made of stainless steel – simplifies commissioning.

7

**TRIPLE SHAFT SEAL**

Provides long-term protection against water ingress.

8

**INTAKE SCREEN**

Protects the impeller from debris and supports efficient water removal.



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Certified according to DIN EN:  
ISO 9001: 2015 | ISO 45001: 2018 | ISO 14001: 2015

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