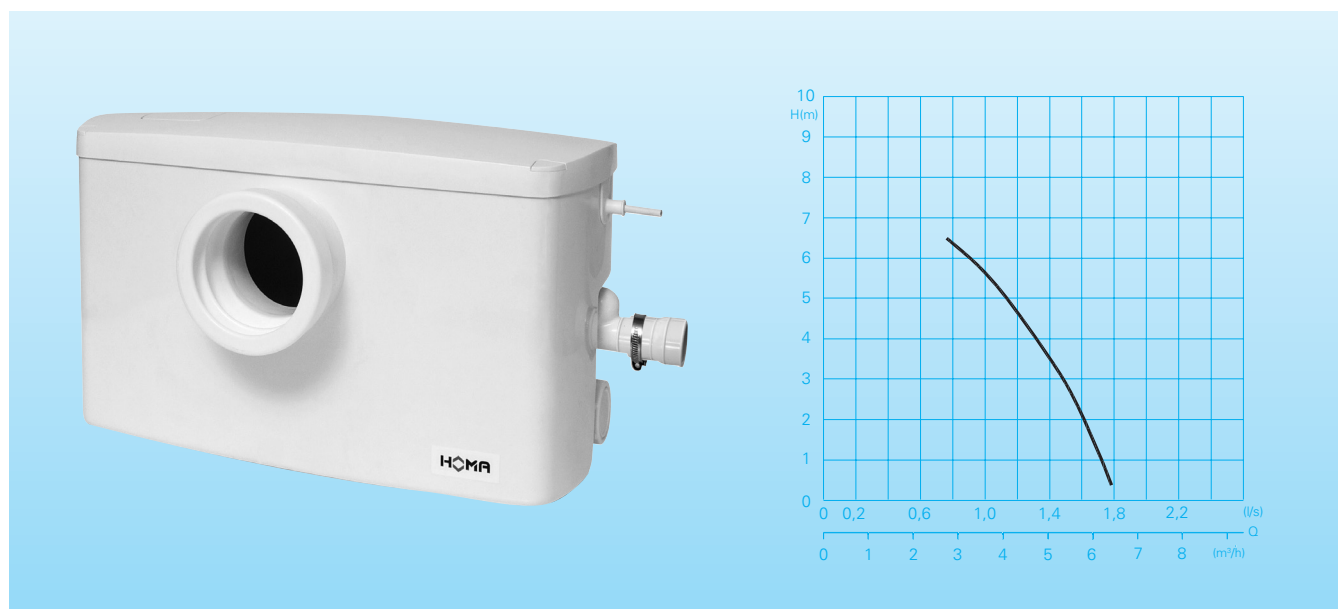


WC disposal unit with cutter pump



San.iQ cut

Conveying capacities



Application

Compact disposal unit for sanitary installations comprising a WC, shower, hand basins, urinal, bidet in basement apartments or cellars which are below sewer backflow level. The San.iQ cut is also the ideal solution for subsequent installation of sanitary facilities corresponding DIN EN 12050-3. The built-in drainage pump with its powerful stainless steel cutter system reduces reliable feces and toilet paper.

A diameter from 25 mm is sufficient for the pressure line to the nearest wastewater pipe. This means little effort even for retrofitting, e.g. in old buildings. The WC-inlet allows installation directly behind the WC, with minimal space. The new tank design with separate dry area allows easy access in case of service. Optional components such as the potential-free collective fault signal provide additional safety convenience.

DIN EN 12050-3: Design tested and monitored.

Operating mode: Intermittent operation.

Design

Compact waste water disposal unit ready for connection, consisting of:

Collection tank: Odour-tight plastic collection tank with separate dry area. Maximum utility volume 11 liter. WC-inlet DN 100 horizontal, inlet height 180 mm (DIN 1387 Form A / DIN 1388 Form A). Two lateral inlets DN 40 with integrated non-return valve, Wedge sealing ring and thrust collar. Discharge \varnothing 28-34 mm with integrated ball backflow preventer. Air vent with activated carbon filter.

Pump: Single-stage stainless steel centrifugal pump with horizontal discharge. Open multi-blade impeller with powerful stainless steel cutting system.

Motor: Single-phase electric motor. Thermal sensor for temperature monitoring in the winding. Insulation class B. Stainless steel motor shaft, prelubricated bearings.

Shaft seal: 3 Shaft sealing rings

Pump Operation Control: Water level dependent, pneumatic level control with control electronics, seal monitoring, alarm signal and run-time monitoring.

Materials

Collection tank	Plastic (ABS)
Pump housing	Plastic glass fiber reinforced
Impeller	Plastic glass fiber reinforced
Motor housing, motor shaft	Stainless steel 1.4301 Stainless steel 1.4021
Cutting system	Stainless steel 1.4122 50-55 HRC

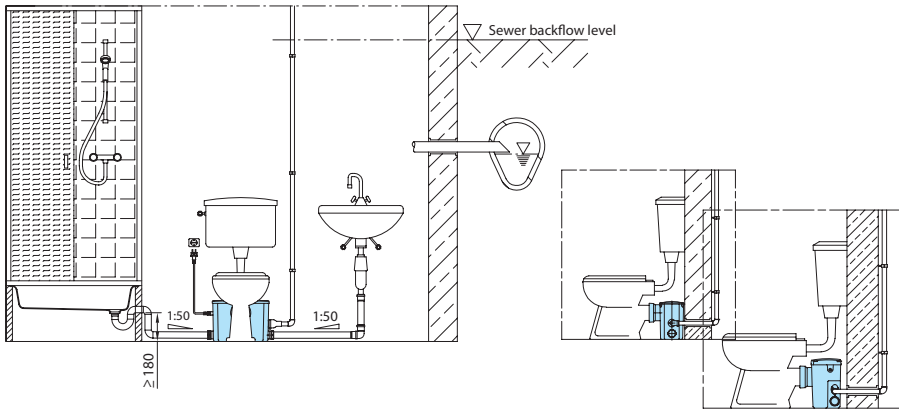
Technical data

Motor input P ₁	650 W
Motor input P ₂	350 W
Voltage	230V/1Ph 50Hz
Rotational speed	2900 rpm
Nominal current	2,8 A
Connecting cable	H 03VV-F3x0,75
Protection rating (complete appliance)	IP 44
Weight	8 kg
Discharge	\varnothing 28-34 mm

Scope of supply

Tank with pump, incl. backflow preventer, flexible connection piece and terminal clamp, 1,4 m of connecting cable with plug, non-return valves.

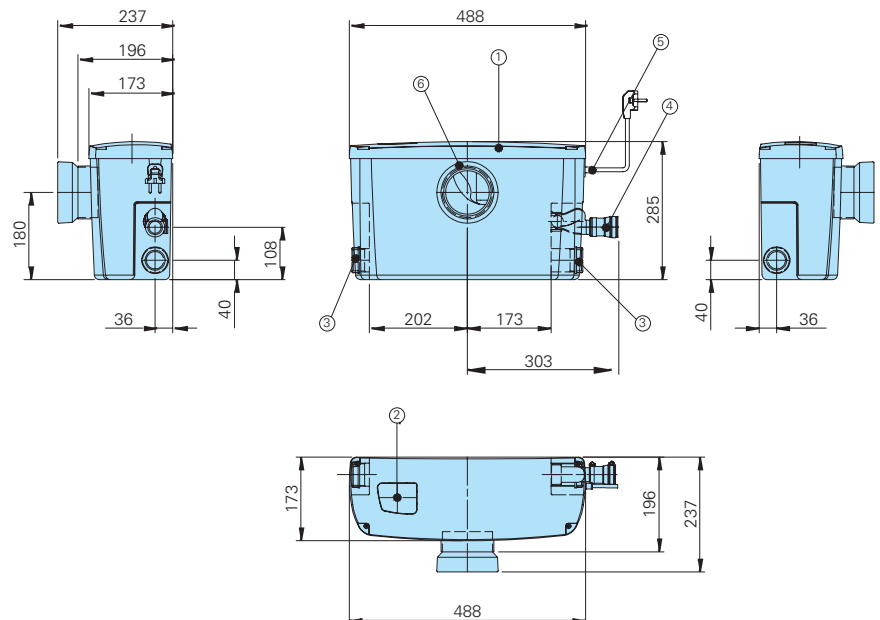
Installation example



Accessories

Description	Size	Part no.
Shut-off gate valve, brass	BSP 1" F	2216010
	BSP 1¼" F	2216012
	BSP 1½" F	2216015
Bend 90°, galvanized	BSP 1" F/M	2111305
	BSP 1¼" F/M	2111405
	BSP 1½" F/M	2111505
Transition screw connection, galvanized	BSP 1" M/F	2114303
	BSP 1¼" M/F	2114304
	BSP 1½" M/F	2114305
Potential-free collective fault message		8100372
Alarm device AL3 with water level collecting tank		1586146

Dimensions (all dimensions in mm)



- ① Tank cover (screwed)
- ② Ventilation and deaeration with activated carbon filter
- ③ Screw connection for inlet DN40 (ø40)
- ④ Connection for discharge Ø 28-34 mm with integrated ball backflow preventer
- ⑤ Cable inlet
- ⑥ Connection for universal flat flush WC, DIN1387, Form A
Connection for universal low flush WC, DIN1388, Form A



We reserve the right to alter our specifications without notice!