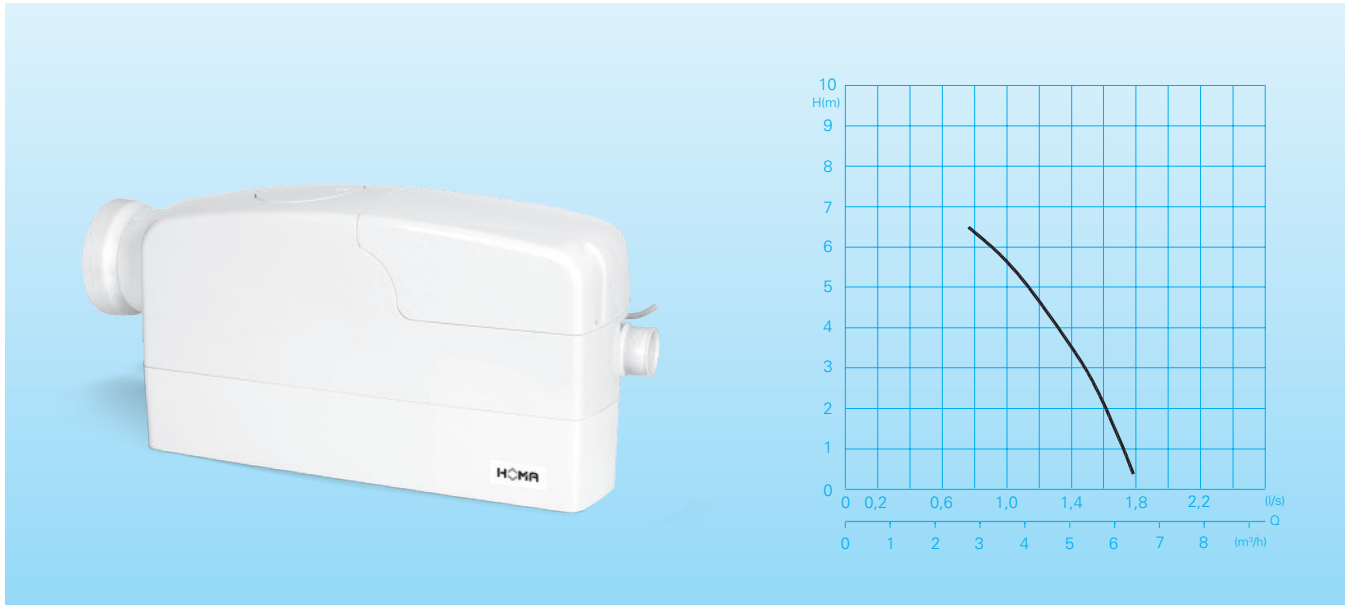


WC disposal unit with cutter pump for front-wall installation

San.iQ cut V

Conveying capacities



Application

Compact disposal unit for front wall installation disposes sanitary installations comprising a WC, shower, hand basins, urinal, bidet in basement apartments or cellars which are below sewer back-waste 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 of 32 mm or more for the pressure pipe to the next sewer pipe is therefore sufficient. This means minimal complexity even when retrofitting, e.g. in older buildings. The new tank with separate dry area also allows easy access for servicing. Optional components such as the potential-free collective fault signal offer additional safety features.

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 liters. Flushing volume 9 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 and sealing ring. Discharge Ø 40/32 mm diameter 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	glass fibre reinforced plastic
Impeller	glass fibre reinforced plastic
Motor housing, motor shaft	Stainless steel 1.4301 Stainless steel 1.4021
Cutting system	Stainless steel 1.4122 50-55 HRC

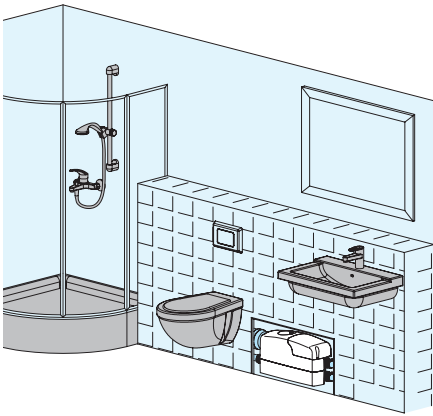
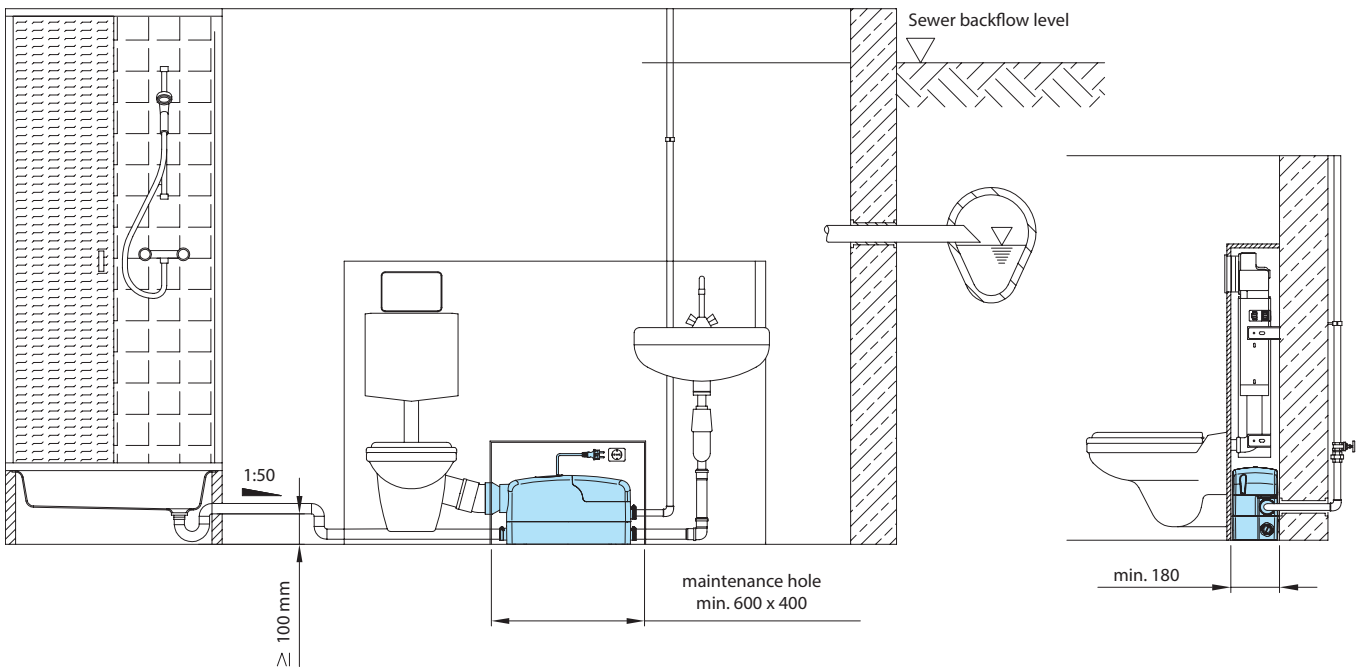
Technical data

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	7 kg
Discharge	Ø 40/32 mm

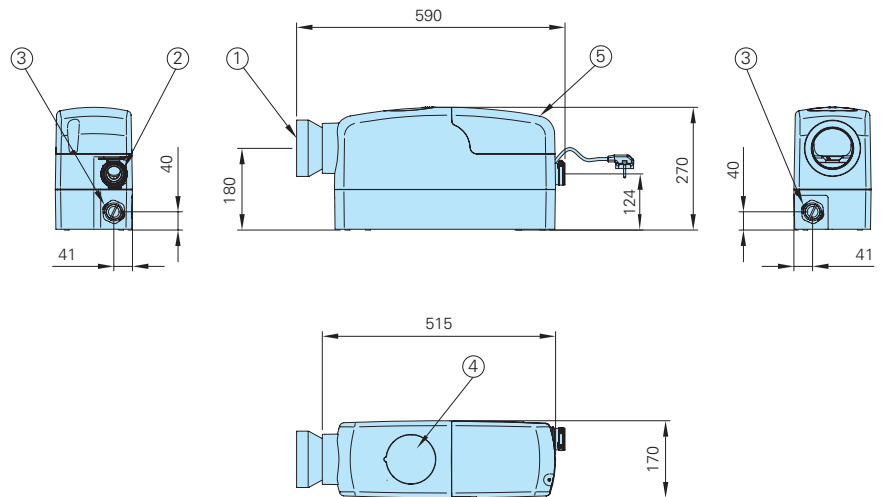
Scope of supply

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

Installation example



Dimensions (all dimensions in mm)



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

- ① Connection for universal low- and flat flush WC, DIN 1382, Form E and F according to EN 38
- ② Connection for pressure pipe $\varnothing 32$ and $\varnothing 40$ with integrated non-return valve
- ③ Inlet DN40 ($\varnothing 40$)
- ④ Ventilation and deaeration with DN32 and DN40 pipe connection and activated carbon filter
- ⑤ Cover for pump controller



We reserve the right to alter our specifications without notice!