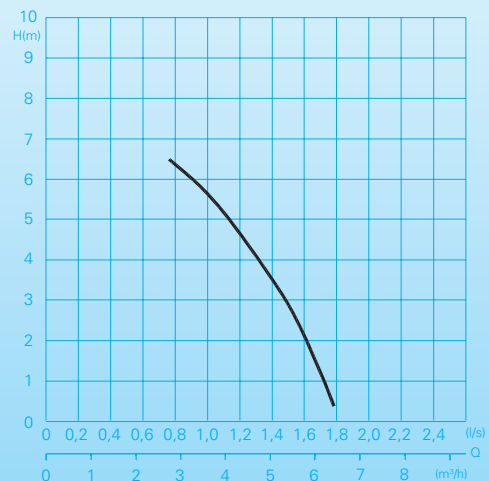


Compact waste water disposal unit with cutter pump

San.iQ cut



Performance



Application

Compact lifting station for sanitary installations comprising a WC, shower, hand basins, urinal, bidet in basement apartments or cellars which are below sewer backwaste 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. The discharge pipe with 25 mm minimum diameter can be easily installed with minimum construction work. 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. Potential-free collective fault message optionally retrofittable, see accessories.

DIN EN 12050-3: Conformity and design approved and controlled by LGA

Pumped liquid: Domestic drainage water, domestic water with faeces.

Operation: Intermittent.

Design

Compact waste water disposal unit comprising:

Collection Tank: Odour-tight plastic collection tank with separate dry area. Maximum utility volume 11 litres. 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, sealing ring. Discharge Ø 28-34 mm diameter with integrated ball backflow preventer.

Air vent with activated carbon filter.

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

Motor: Single-phase electric motor with thermal sensors embedded in the winding. Insulation Class B. Stainless steel rotor shaft, pre-lubricated bearings.

Shaft Seals: Triple lip-seal combination.

Pump Operation Control: Pneumatic level control with control electronics. Seal monitoring, alarm signal and run-time monitoring

Materials

Collection tank	Composite
Pump housing	Glass fibre reinforced composite
Impeller	Glass fibre reinforced composite
Motor housing, rotor shaft	Stainless steel 1.4301 / Stainless steel 1.4021
Cutting system	Stainless steel 1.4122 50-55 HRC

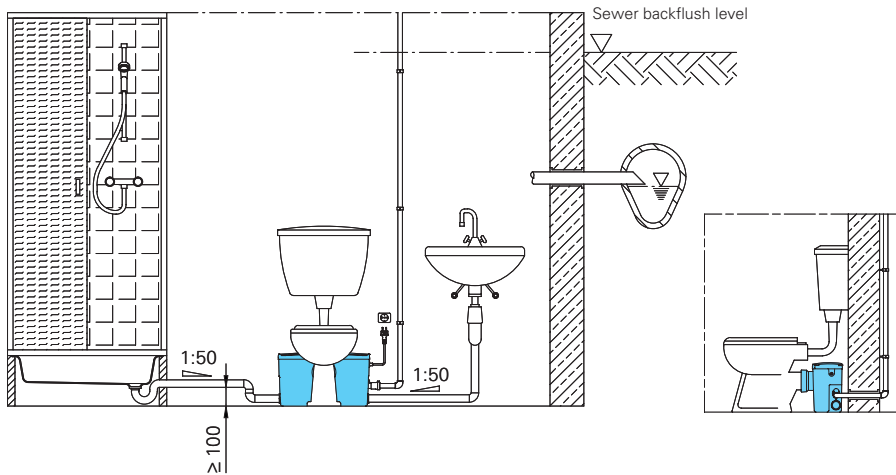
Technical Data

Motor input P ₁	650 W
Motor output P ₂	350 W
Voltage	230V-240V/1Ph 50Hz
Speed	2900 rpm
Nominal current	2,8 A
Cable	H 03VV-F3x0,75
Insulation class (complete appliance)	IP 44
Weight	8 kg
Discharge	Ø 28-34 mm

Equipment supplied

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

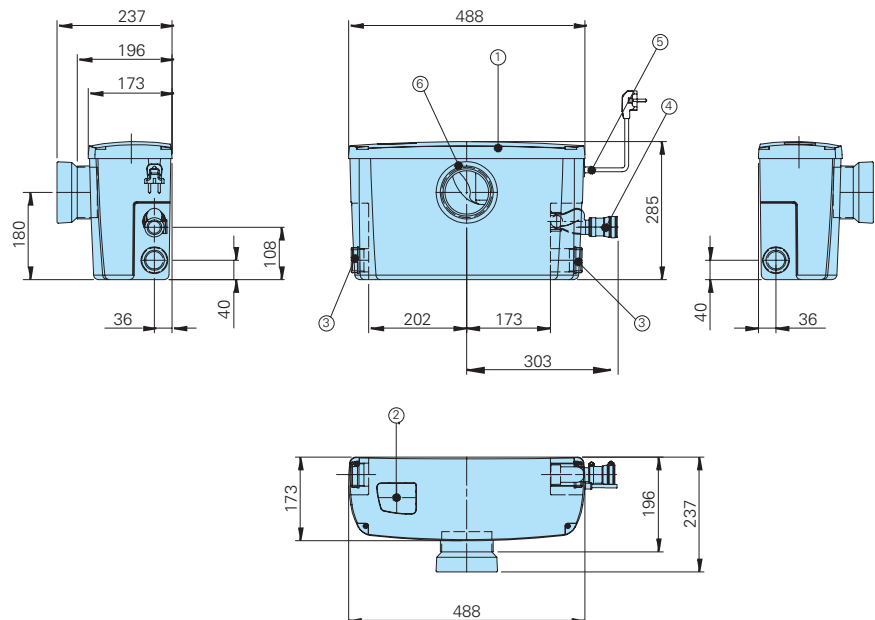
Installation



Accessories

Part Description	Dimension	PartNo.
Bronze gate valve	BSP 1" F	2216010
	BSP 1 1/4" F	2216012
	BSP 1 1/2" F	2216015
90° galvanized elbow	BSP 1" F/M	2111305
	BSP 1 1/4" F/M	2111405
	BSP 1 1/2" F/M	2111505
Galvanized union piece	BSP 1" M/F	2114303
	BSP 1 1/4" M/F	2114304
	BSP 1 1/2" 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 Air vent with activated carbon filter
- ③ Screw for inlet DN40 (ø40)
- ④ Connection for discharge Ø 28-34 mm with integrated ball backflow preventer
- ⑤ Cable inlet
- ⑥ Connection for WC inlet, DIN1387, Form A
Connection for WC inlet, DIN1388, Form A

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