

PREVENTION

PREVENTION

WimTec

electronic



**SanTec<sup>®</sup> FLUSH**

**The non-contact WC control**

# SanTec® FLUSH

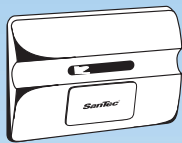
The non-contact WC-Control

## Automatic Infrared WC control



**Non-contact infrared WC control for application in public as well as in private areas.**

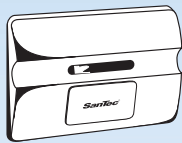
**Available either for 6V battery operation or 12V power supply via external power unit 230V/12V/50Hz**



**Easy and quick installation on every flushing cistern type SanTec SLK or Geberit Twico2. Upgrading is possible at every time due to a battery operated electronics.**



**Maximum hygiene due to automatical and manual activation and as well optional intermediate flush for handicapped areas.**



**Additional mechanical release due to push button possible (power blackout or empty battery)**



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# SanTec® FLUSH

The non-contact WC-Control

## SanTec FLUSH - Product variants

### for SanTec SLK cistern



#### SanTec FLUSH 12V external

Art.no. 103 120 (matt chromium)  
Art.no. 103 137 (shine chromium)  
Art.no. 103 144 (white)  
Art.no. 103 151 (steel)  
for the connection of an external power unit 230V/12V/ 50Hz.

#### SanTec FLUSH 6V

Art.no. 103 083 (matt chromium)  
Art.no. 103 090 (shine chromium)  
Art.no. 103 168 (white)  
Art.no. 103 113 (steel)



#### SanTec FIX WC

Art.no. 102 918  
Art.no. 103 076 (with smell absorption)  
WC assembly element with in-wall flushing cistern SanTec SLK.

### for Geberit Twico2 cistern

#### SanTec FLUSH 12V external

Art.no. 100 136 (matt chromium)  
Art.no. 102 321 (shine chromium)  
Art.no. 102 338 (white)  
Art.no. 102 796 (steel)  
for the connection of an external power unit 230V/12V/ 50Hz.

#### SanTec FLUSH 6V

Art.no. 101 143 (matt chromium)  
Art.no. 102 284 (shine chromium)  
Art.no. 102 291 (white)  
Art.no. 102 802 (steel)

#### SanTec FIX WC

Art.no. 101 829  
Art.no. 102 055 (with smell absorption)  
WC assembly element with in-wall flushing cistern Geberit Twico2.

## SanTec FLUSH - Function



Automatic flushing after leaving the WC (switchable) Minimum stay time 15 sec.



Contactless manual flush can be activated by approaching the hand to the infrared sensor or by pushing the manual push button.



Optional flush with connection to a prop handle with integrated push button or external push button (not at battery operated variant)

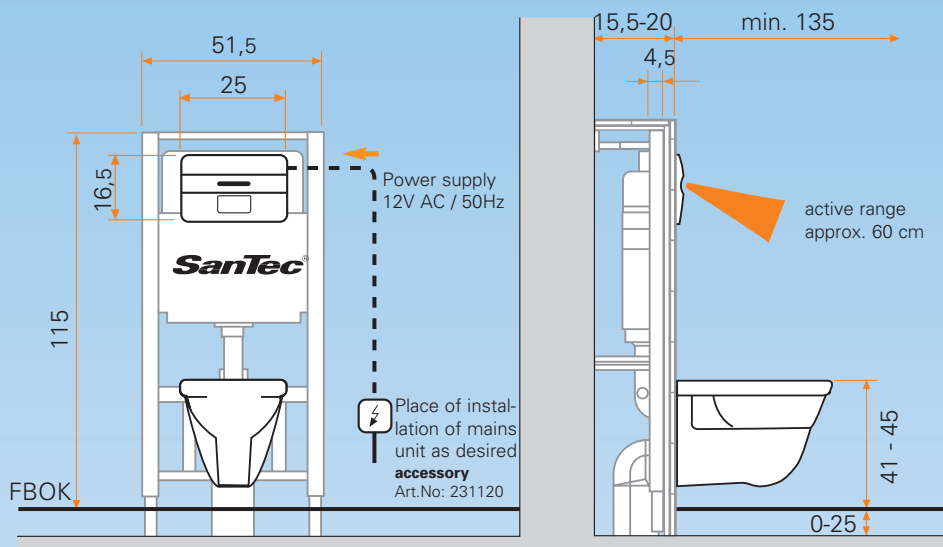


Optional intermediate flush every 10 min. (only at program 3)

# SanTec® FLUSH

The non-contact WC-Control

## Dimensions and technical specifications



Dimensions in cm

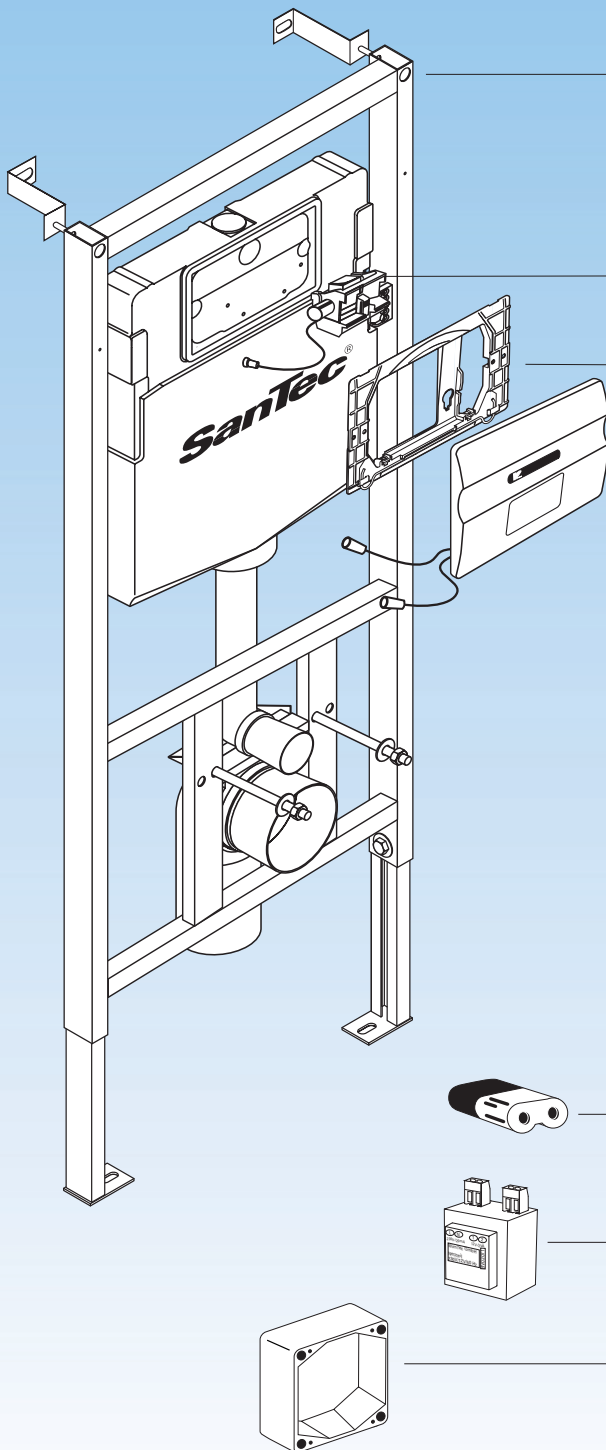
Suitable for new installation on SanTec FIX WC assembly elements with SanTec SLK flushing cistern as well as on every Geberit Twico2 flushing cistern. Also suitable for upgrading due to battery operated product variant.

<b>External supply:</b>	12V AC / 50Hz
<b>Power consumption:</b>	1VA (average), 6VA (peak)
<b>Feed line:</b>	2 x 1,5mm <sup>2</sup> at cable lengths between 50-100m (H05VV-F 2X1,5) 2 x 1 mm <sup>2</sup> at cable lengths up to 50m (H03VV-F 2X1,0)
<b>Battery supply:</b>	6V lithium (2 pcs. CRP2P)
<b>Battery life:</b>	approx. 25.000 flushings
<b>Active range:</b>	approx. 60 cm pre-adjusted 30 - 80 cm adjustable
<b>Manual flushing:</b>	contactless release with close range reflex via hand in front of the infrared window or manual by pushing the push button.
<b>Automatic flushing:</b>	after use, minimum stay time 15 sec. (only at programs 2 and 3)
<b>Intermediate flushing:</b>	every 10 min. (only at program 3)
<b>Front panel:</b>	250 x 165 mm
<b>Material front panel:</b>	ABS
<b>Available surfaces:</b>	matt chromium, shine chromium, white, steel

# SanTec® FLUSH

The non-contact WC-Control

## Product layout



### SanTec FIX WC assembly element with Twico2 flushing cistern

Art.No.: 101 829

### with Twico2 flushing cistern with smell absorption Art.No. 102 055

### Bearing block with integrated motor lifter

Art.No.: 231 137

### Mounting frame

Art.No.: 408 973

### Electronic plate

#### for SanTec SLK flushing cistern:

Art.No.: 232 127 - 12V matt chromium  
Art.No.: 233 134 - 12V shine chromium  
Art.No.: 232 141 - 12V white  
Art.No.: 232 158 - 12V steel

Art.No.: 232 080 - 6V matt chromium  
Art.No.: 232 097 - 6V shine chromium  
Art.No.: 232 103 - 6V white  
Art.No.: 232 110 - 6V steel

#### for Geberit Twico2 flushing cistern:

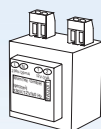
Art.No.: 231 144 - 12V matt chromium  
Art.No.: 231 151 - 12V shine chromium  
Art.No.: 231 168 - 12V white  
Art.No.: 231 335 - 12V steel

Art.No.: 231 175 - 6V matt chromium  
Art.No.: 231 182 - 6V shine chromium  
Art.No.: 231 199 - 6V white  
Art.No.: 231 342 - 6V steel



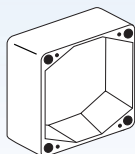
### 6V Lithium Battery

Art.No.: 230 741 (2 pcs. necessary)



### Power supply unit for variant 12V external

Art.No.: 231 120 (accessory, not included in scope of supply)



### Flush box for Power supply unit

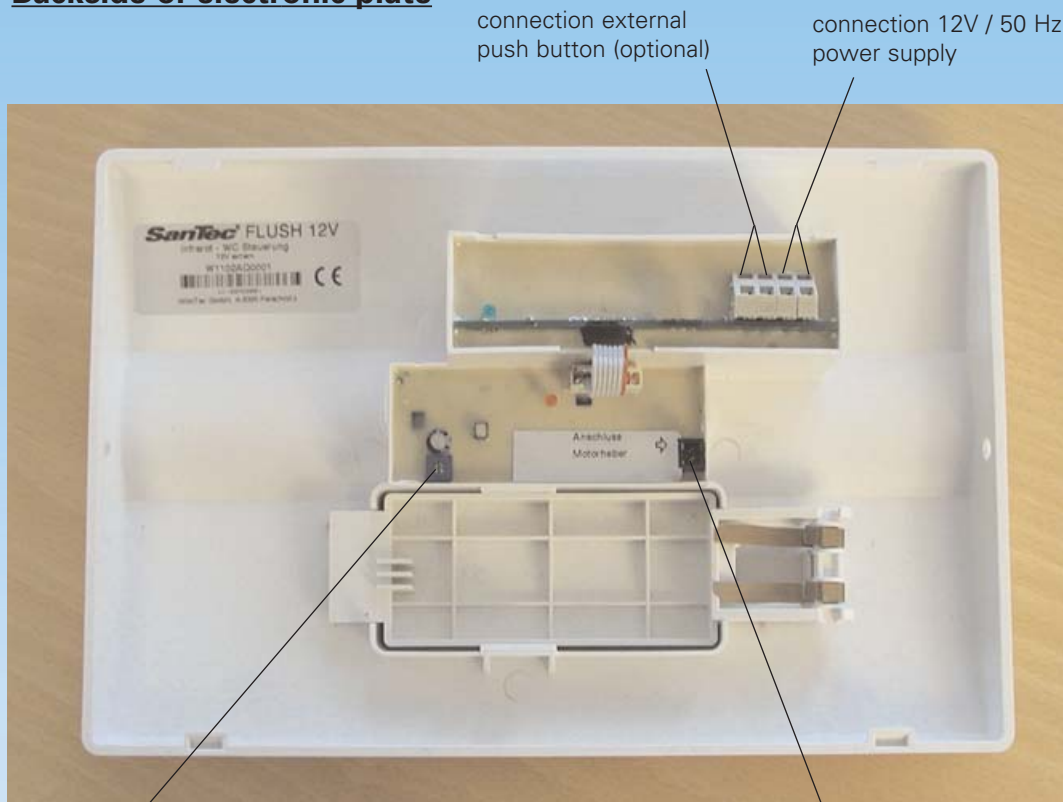
Art.No.: 101 294  
(accessory, not included in scope of supply)

# SanTec® FLUSH

The non-contact WC-Control

## Connection elements and adjustments - 12V

### Backside of electronic plate



connection external push button (optional)

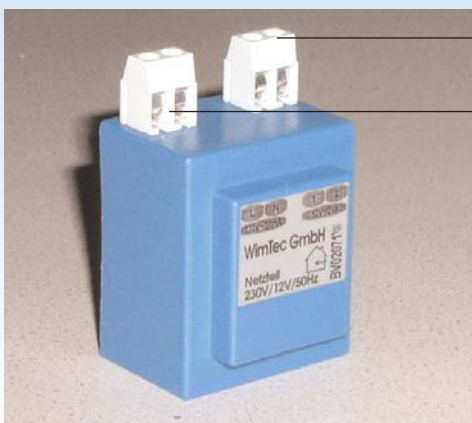
connection 12V / 50 Hz power supply

active range controller approx. at 60 cm pre-adjusted 30 - 80 cm adjustable



connection to motor lifter

### Power supply unit



connection 12V to SanTec FLUSH

power supply 230V / 50 Hz

External Power supply unit suitable for installation in control cabinets.

Accessory: not included in scope of supply (Art.No. 231 120)

Place of installation according to protection class IP20 as desired. Allowed cable length to electronics up to max. 100m.

# SanTec® FLUSH

The non-contact WC-Control

## Connection elements and adjustments - 6V

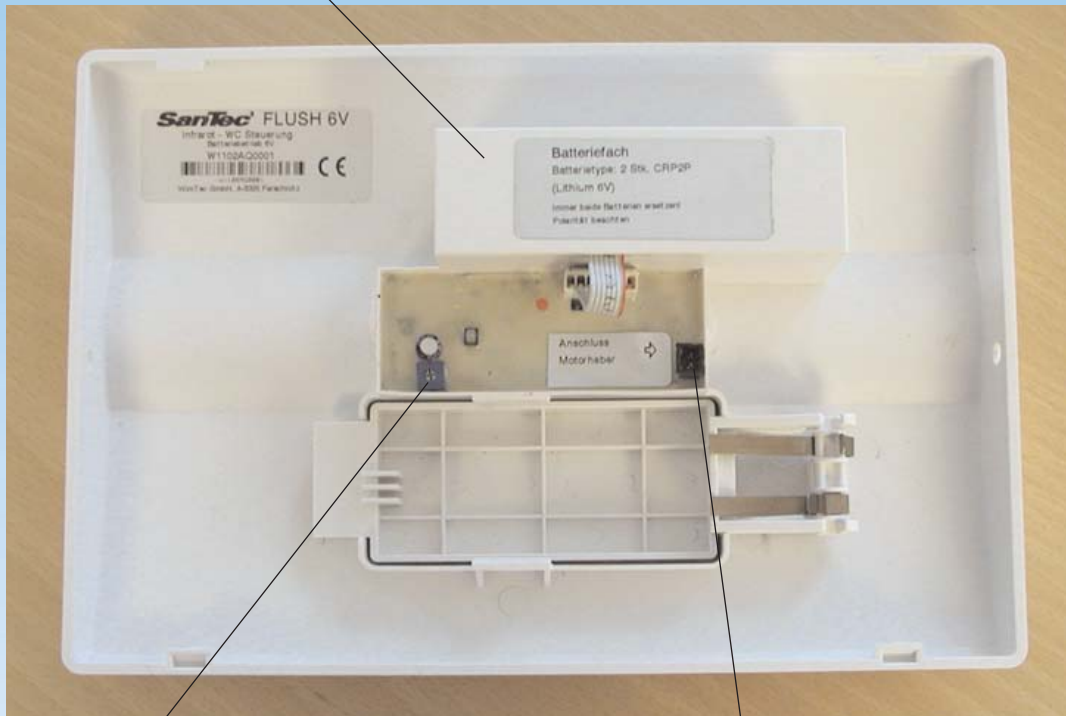
### Backside of electronic plate

**Battery case:**

Battery type: 2 pcs. CRP2P (lithium 6V)

Replace always both batteries

Pay attention to polarity!



active range controller  
approx. at 60 cm pre-adjusted  
30 - 80 cm adjustable



connection to  
motor lifter

# SanTec® FLUSH

The non-contact WC-Control

## Adjustment of flushing programs

**Adjustment of flushing programs (only possible in the first 10 sec. after initiation): as soon as battery or mains adaptor will be connected (program 2 factory-made pre-adjusted)**



### Diagnostics LED

Red LED flashes at wide range reflex during the first 5 minutes after initiation.

### Additional at battery operated variant:

battery control LED begins to flash when battery becomes empty.

1. **12V version:** connection to power supply

**6V version:** insert batteries

For changing the flushing program of an already adjusted WC-control, the power supply must be disconnected (disconnect external power supply unit or remove the batteries) for at least 30 sec., afterwards a new programming is possible.

2. The device makes a selftest, then the diagnostics LED flashes 3 times quick. From that time there are 10 sec. for adjusting the flushing program.
3. Via **close range reflex** (hold hand approx. 2 cm in front of infrared window=> see picture) it is now possible to choose between 3 different programs.

\* **1 slow flash = program 1**  
no automatic flushing - via close range reflex only manual flushing releasable

\*\* **2 slow flashes = program 2 (preset)**  
as program 1, but additional automatic flushing after leaving the WC  
minimum stay time 15 sec.

\*\*\* **3 slow flashes = program 3**  
as program 2, but additional intermediate flushes every 10 min. for handicapped areas  
minimum stay time 15 sec.

4. Remove hand at the desired program - the control confirms the program by flashing twice quickly.
5. Afterwards there are further 10 sec. for changing the flushing program again. After lapse of this time, the device flashes 3 times quickly and it changes after 60 sec. into normal function.

# SanTec® FLUSH

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## Installation



Remove standard bearing block out of the flushing cistern.



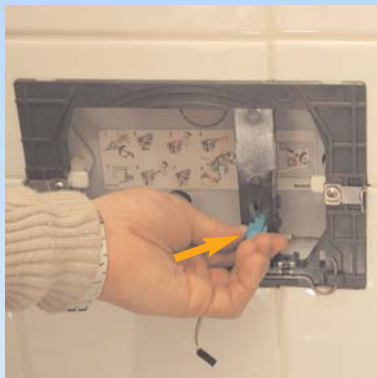
Insert bearing block with integrated motor lifter.



Install distance bolt, push button rod and backing board; lead through the cable of the motor lifter resp. the power supply (only 12V type).



Install mounting frame



**Adjust push button bolt:**  
Press bolt until limit and set it, by turn into right.

# SanTec® FLUSH

The non-contact WC-Control

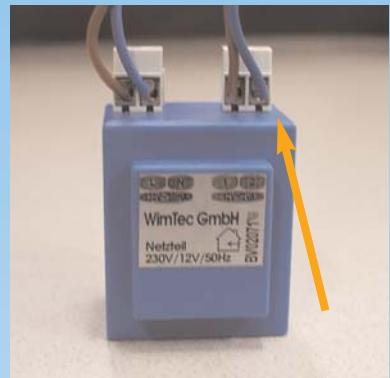
## Installation SanTec FLUSH 12V



External power supply  
230V/12V.



Connect main supply 230V.



Connect 12V power supply to  
control.

**CAUTION! Don't install the transformer in the cistern! Installation according IP20 e.g. in a wall mounted box, inserted ceiling or junction box.**

Mounting and installation must be performed by licensed craftsmen to ÖVE EN 8001 and VDE 0100.



Connect cable from the motor  
lifter



Connect 12V power supply



Install front panel and fix it  
with the safety screws on both  
sides.

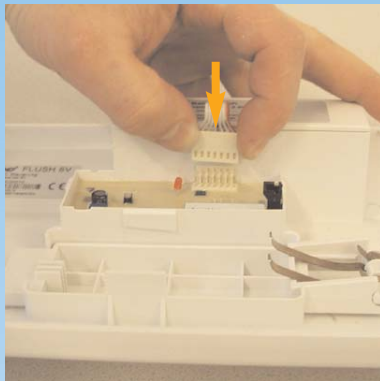
**If the flushing programm  
has to be changed, please  
follow the instructions on  
page 8.**

After 60 sec. the device is  
ready for operation.

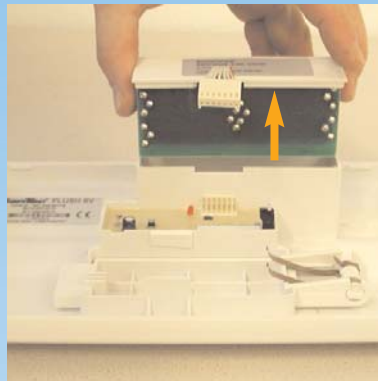
# SanTec® FLUSH

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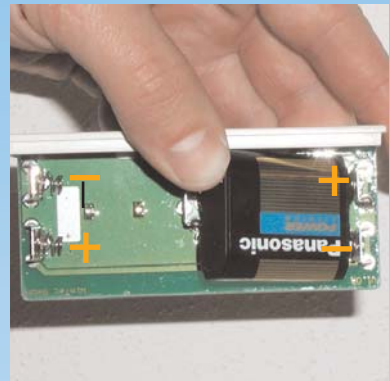
## Installation SanTec FLUSH 6V



Take down the connector of the battery module carefully.



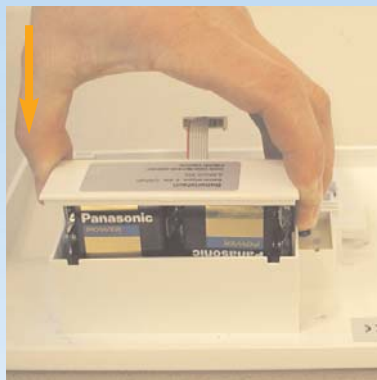
Lift of the cover carefully upright and unplug the battery case.



Insert batteries - pay attention to polarity!



Connect cable from the motor lifter.



Insert battery case and plug connector.



Install front panel and fix it with the safety screws on both sides.

**If the flushing program has to be changed, please follow the instructions on page 8.**

After 60 sec. the device is ready for operation.

# SanTec® FLUSH

The non-contact WC-Control

## Installation

