



Instructions for installation and use

AUZ 3.P (AUZ 3.P INV) – Automatic one-button toilet flusher

BASIC TECHNICAL DATA

Supply voltage :	12 V, 50 Hz
Power input :	6 VA
Adjustable flushing time :	1 – 25 s (set by the manufacturer 5 s)
Pause day :	0 – 40 min (step 10 s) Set 10 s
Sanitary Flush :	Turn off
Water pressure :	0,1 – 1,0 Mpa
Minimum water flow :	70 l/min
Recommended voltage source :	ZAC 1/20 (max 3 x AUZ 3), ZAC 1/50 (max 8 x AUZ 3)
Product website.	AUZ 3.P

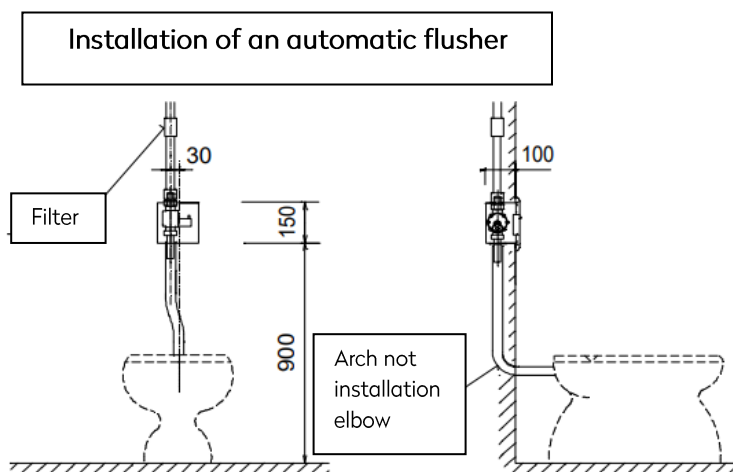
Function

- AUZ 3-P is an automatic toilet flusher operated by a piezoelectric button. When the button is pressed, the flush occurs - the water flows for a set period of time. After the water has finished running, the button can be pressed again to flush. After a second release of water, the delay time can be set. If the button is pressed during the delay time, nothing happens and the water does not flow. The delay time can be set from 0 to 40 minutes. If the delay time is set to 0, the water can be released at any time by pressing the button.

Installation of an automatic flusher

Construction readiness for installation

1. The water distribution system is as shown in the picture.
2. Water supply in the niche area (150 x 150 x 100 mm) terminated with 3/4" female thread.
3. Supply voltage is supplied by CYKY 2A x 1.5 cable from ZAC source.
4. Mounting box fitted, water outlet to flush pipe is loosely inserted to prevent backflow when water pressure drops.
5. Cover the box with a cover plate, finish tiling.



Note

In the water supply for a toilet or a group of toilets, a filter must be fitted to remove mechanical impurities from the water. It is also advisable to fit a valve in front of each toilet to shut off the water.



Installation

1. Fit toilet bowl including flush and waste connections.
2. Remove the cover plate of the mounting box.
3. Use M 4 x 40 screws and large washers to fix the spacer, align it against the tiles and tighten the screws properly.
4. Connect the supply cable to the connection terminal of the electronics cabinet and slide the hollow connectors of the connection wires onto the contact blades of the solenoid valve.
5. Switch on the supply voltage (ZAC source).
6. If necessary, adjust the water flow with the set screw in the middle of the elmag. valve flange.
7. The solenoid valve can be permanently opened by turning the valve spool.
8. The flushing time is set by the manufacturer to 7 s. If necessary, this value can be changed by attaching a magnet, see paragraph on setting
9. Fit the stainless steel cover onto the top of the fixing frame, snap in place and secure by lightly tightening the worms at the bottom of the cover with the inbus wrench No. 2.

Setting up

- The flusher can only be adjusted within 20 minutes after the power is switched on. If the flusher has been energized for a longer period of time, it is necessary to switch off the power supply, wait for approx. 5 s, then switch on the power supply and start setting within 20 minutes after switching on. To switch from operating to setting mode, place a magnet for at least 1 s on the side of the electronics box with the indicator light (the other side than the cables).
- Setting - Attach magnet - LED will turn red. If the magnet is attached only briefly (less than 1 sec), when it is detached the diode will turn green - the electronics have returned to the operating state.
- Water flow time: Within 5 s after the LED turns red, press the button briefly (water starts flowing). Another press of the button will stop the setting (water stops flowing) and the electronics will return to the operating state. The time elapsed between button presses is the set water flow time.
- Pause Time: 5 seconds after the magnet is attached, the indicator light will flash red and green and the pause time will begin to set. The pause time setting is completed by pressing the button.. The pause time is set in tens of seconds (rounded down). So if we set a time of e.g. 18 s the actual set pause time will be 10 s. So if we do not want a pause at all (whenever water flows for the set time after pressing the button), we have to press the button within 10 s from the start of the red and green flashing of the LED - time 0 is set and no pause occurs.
- Sanitary Flush – Disconnect the electronics from the power supply. Place the adjustment magnet against the unit. With the magnet in place, reconnect the electronics to the power supply. Leave the magnet in place for 10 seconds (until the LED stops flashing). You can now remove the magnet. The LED flashes green (shower mode is active) or red (sink mode is active). Briefly place the magnet against the unit. The flush settings are now being configured. The LED flashes twice red (off), twice green (3 hours), twice orange (6 hours), red-green (12 hours), or orange-green (24 hours). Press the button to cycle through the flush settings. To save the settings, briefly hold the magnet against the sensor; the electronics return to their default state, and the LED lights up green.



LED states

- **operational**
 - o Glows green - energized, ready for operation
 - o Glows red - button pressed
 - o Flashing green - valve open
 - o Lights orange (green and red together) - pause
- **setup**
 - o glows red - electronics has entered setting mode
 - o Flashing red - setting the flushing time
 - o Flashing alternately red and green - setting the pause time

Notice

- The AUZ 3 automatic toilet can only be connected to a ZAC power supply, otherwise the manufacturer accepts no guarantee for reliable operation and no liability for any damage caused by connection to another power supply.
- Electrical wiring must only be carried out by a suitably qualified and competent person.
- An initial inspection of the electrical equipment must be carried out prior commissioning and the operator must carry out inspections of the electrical equipment during the period of operation..

Supplied parts

1 – mounting boxes	1 ks	7 – box with electronics	1 ks
2 – button	1 ks	8 – inlet and outlet fittings	1 ks
3 – solenoid valve	1 ks	9 – outlet pipe	1 ks
4 – galvanized mounting cover plate	1 ks	10 – screw M4 x 40	4 ks
5 – spacer frame	1 ks	11 – screw M4 x 12	2 ks
6 – stainless steel cover	1 ks	12 – large-area pad d 5	4 ks

Possible malfunctions and their causes

Malfunction	Cause	Solution
The indicator light does not glow after switching on	Power supply fault - unconnected power supply or connected to a different voltage e.g. 230V	Check power supply - after connection to 230V, the electronic is destroyed
The electronics is working water is not flowing	Dirt in the valve - blocked hole under the coil core	Clean the valve and membrane
The electronics is working the water is still flowing	Dirt in the valve	Clean the valve and membrane
The water flow running low	Ruptured membrane in the valve	Replace the membrane

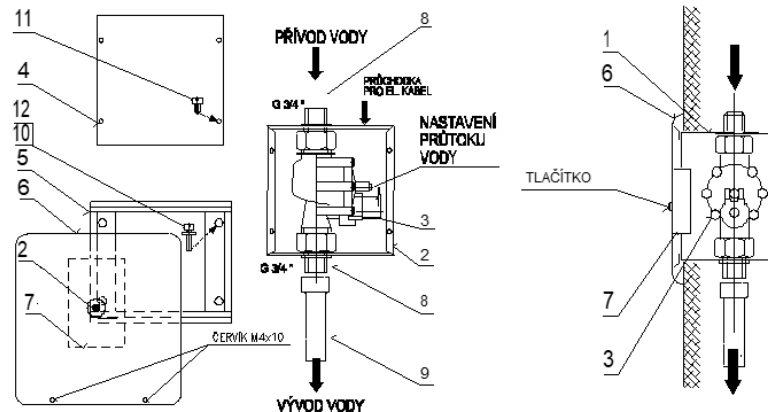
Cleaning and maintenance

Valve cleaning, membrane replacement: No need to remove the valve from the box.

- Close the water supply, loosen the overflow nut and turn the valve flange towards you.
- Unscrew the six screws holding the flange. Remove the flange, (beware of losing the spring).



- Remove the membrane, clean the area underneath. Check **both** holes in the membrane for patency. Check the integrity of the membrane, rupture of the membrane can occur close to the perimeter of the membrane.
- Valve assemble in reverse order in reverse order.
- To remove the coil, you need to slide out the locking pin at the bottom of the coil, turn the coil to the stop and slide it out..
- It is now possible to clean the kernel landing area.



Cleaning:

- The device is made of stainless steel of the quality according to ČSN 17 240 (AISI 304), therefore it must not be operated in chemically aggressive environment..
- **!! Products containing chlorine must not be used to clean it!!**
- Recommended WÜRTH products:
 - o Metal restorer -obj.č.#893 121 1
 - o Treatment spray for stainless steel - obj.č.#0893 121 K.

No other method of cleaning and installation of the product is permitted.