

Water dispenser assembly

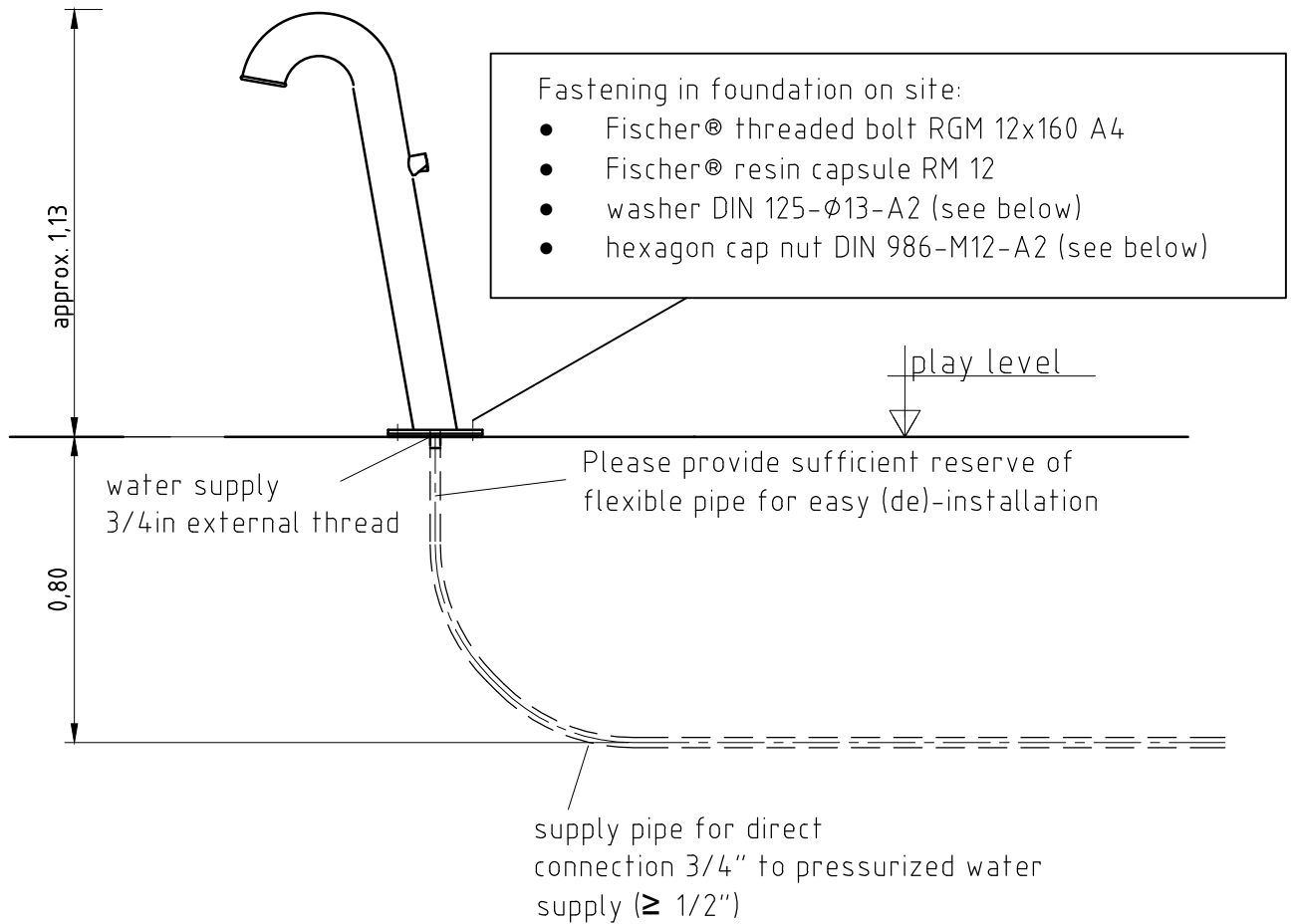
In any case, we strongly recommend to install a fine filter (e.g. K&K item no. 3990039) to prevent dirt from affecting the function of the water dispenser or even from its failure. Installation and connection of the water pipes have to be carried out by a suitably qualified plumber. Prior to assembly, the water pipes must thoroughly be rinsed.

- Assign a location for the water dispenser considering the space requirements (see attached drawing)
- Install the pipes which lead to the water dispenser. Keep in mind to facilitate dewatering for the winter season.
- Prepare a suitable fastening for the water dispenser using i.e.: Fischer threaded bolt RGM 12x160 A4 together with Fischer mortar cartridge RM 12 (K&K items no. 3420038 and 3420039)
- Thoroughly rinse the water pipes and connect them to the water dispenser (3/4in external thread). Fasten the water pipe afterwards.
- Check function of water dispenser by pushing the piezo-button. If necessary, adjust the flow duration according to individual requirements.

Winter season storage

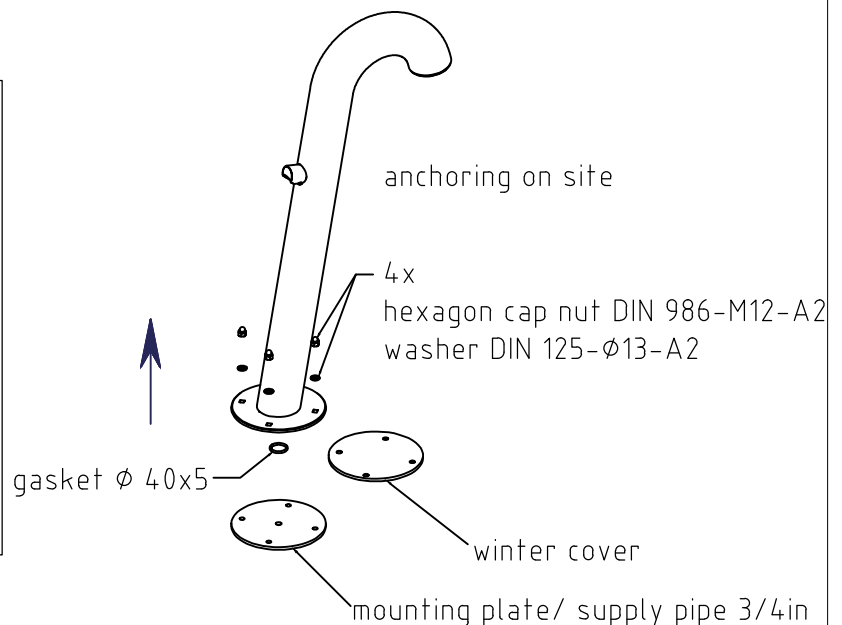
Due to the risk of frost damage during the winter season, the water dispenser must definitely be dismounted, dewatered and stored. Dewatering is insufficient! A safe operation is only possible down to +5°C. Lower temperatures will destroy the solenoid valve.

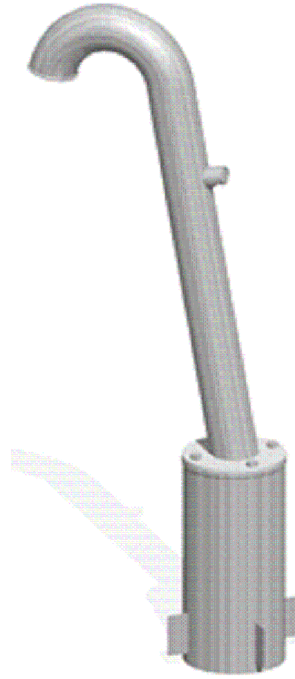
In order to cover the mounting plate for the water supply pipe during the winter season, the delivery includes a cover plate made of stainless steel together with the corresponding M12 cap nuts



Necessarily lubricate every screw connection by using the metal paste included in delivery.

- Hints for a dispenser disassembly during winter season:
1. Dismantle dispenser from mounting flange and store gasket.
 2. Protect supply pipe in mounting plate from dirt e.g. by covering with plastic foil, cloth or cover cap.
 3. Attach winter cover and tighten it with hexagon cap nuts DIN 986-M12-A2.





Water dispenser assembly

In any case, we strongly recommend to install a fine filter (e.g. K&K item no. 3990039) to prevent dirt from affecting the function of the water dispenser or even from its failure. Installation and connection of the water pipes have to be carried out by a suitably qualified plumber. Prior to assembly, the water pipes must thoroughly be rinsed.

- Assign a location for the water dispenser considering the space requirements (see attached drawing)
- Install the pipes which lead to the water dispenser. Keep in mind to facilitate dewatering for the winter season.
- Excavate soil for the foundation according to drawing, insert flange pipe flush with play level and align it with a spirit level. Grout foundation with compressed concrete C20/25 according to drawing, chamfer and round off the edges (see EN 1176-1) and await curing process.

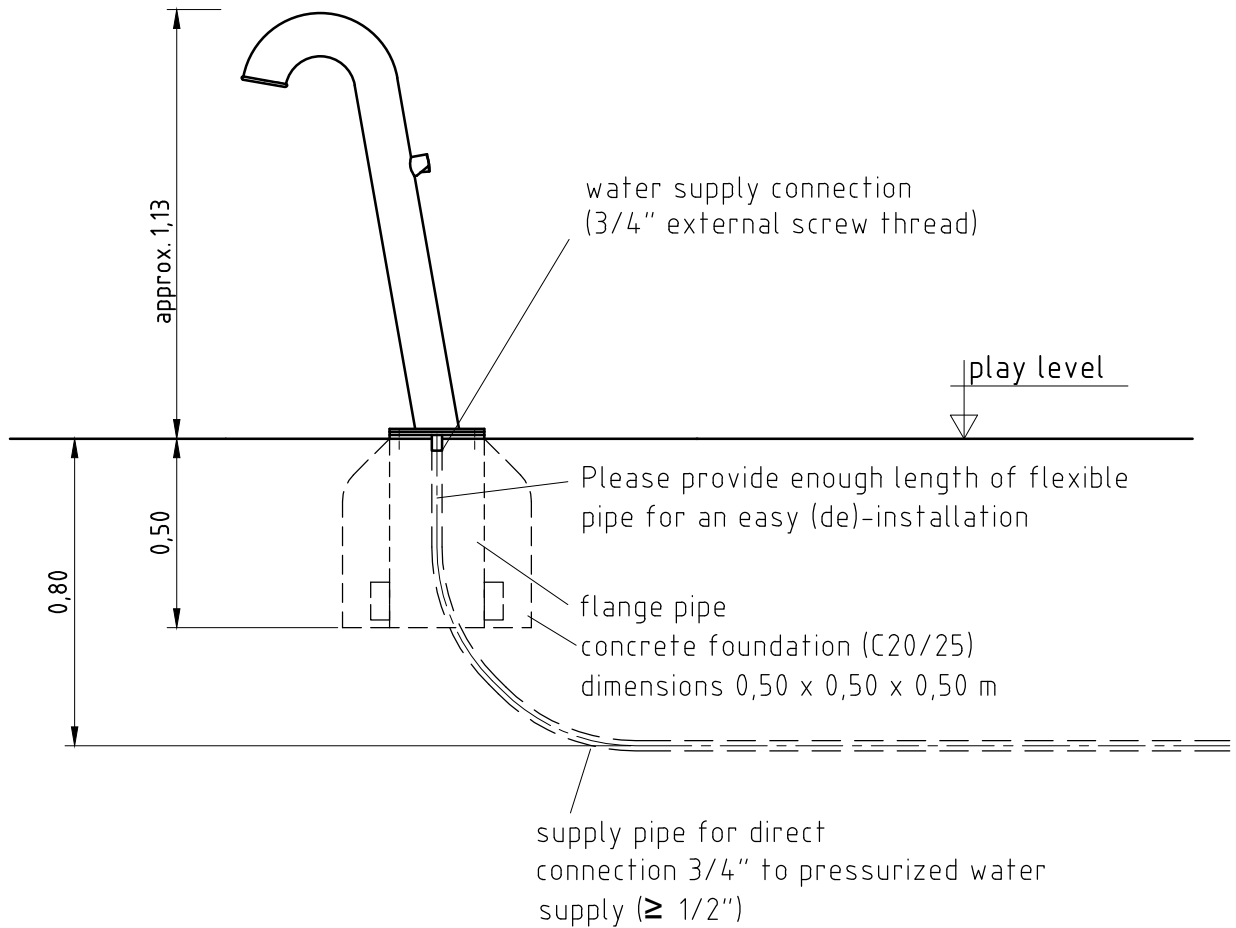
After concrete foundation has set:

- Thoroughly rinse the water pipes and connect them to the water dispenser (3/4in external thread). Afterwards fasten the water dispenser with its mounting plate and the gasket ring to the flange pipe
- Check function of water dispenser by pushing the piezo-button. If necessary, adjust the flow duration according to individual requirements.
(Adjustment of the flow duration required see description below)

Winter season storage

Due to the risk of frost damage during the winter season, the water dispenser must definitely be dismantled, dewatered and stored. Dewatering is insufficient! A safe operation is only possible down to +5°C. Lower temperatures will destroy the solenoid valve.

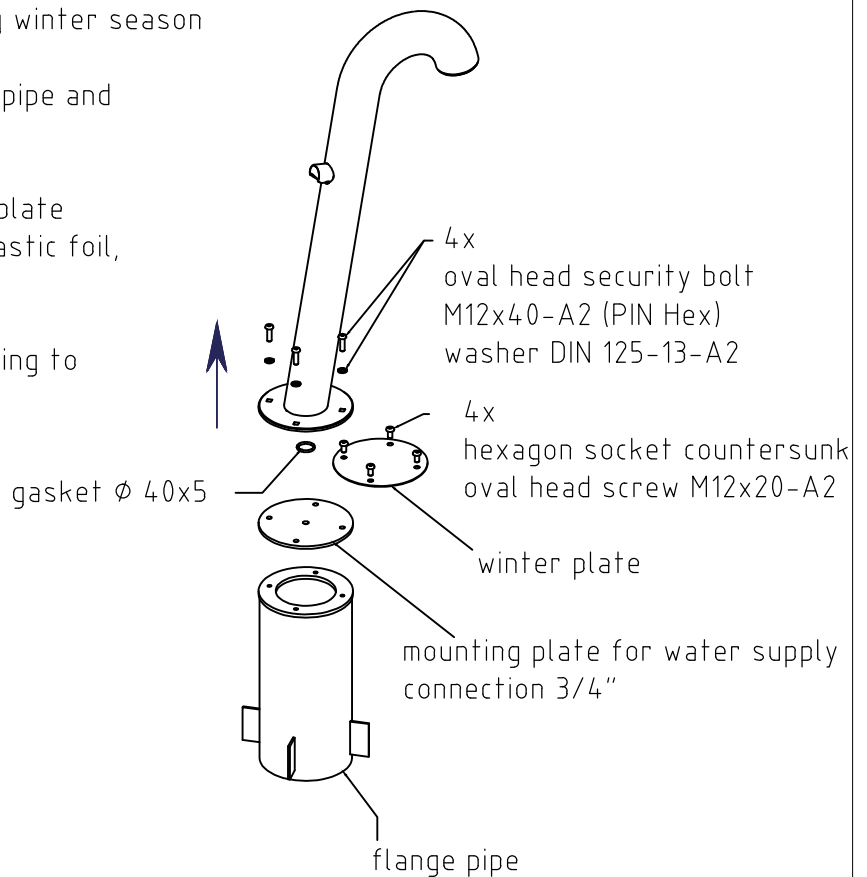
In order to cover the flange pipe during the winter season, the delivery includes a cover plate made of stainless steel together with the corresponding M12 screws



Necessarily lubricate every screw connection by using the metal paste enclosed to delivery.

Hints for a dispenser removal during winter season

1. Dismantle dispenser from flange pipe and store screws and gasket ring.
2. Protect supply pipe of mounting plate from dirt e.g. by covering with plastic foil, employ cloth or cover cap.
3. Fasten winter cover plate according to drawing.





Water dispenser assembly

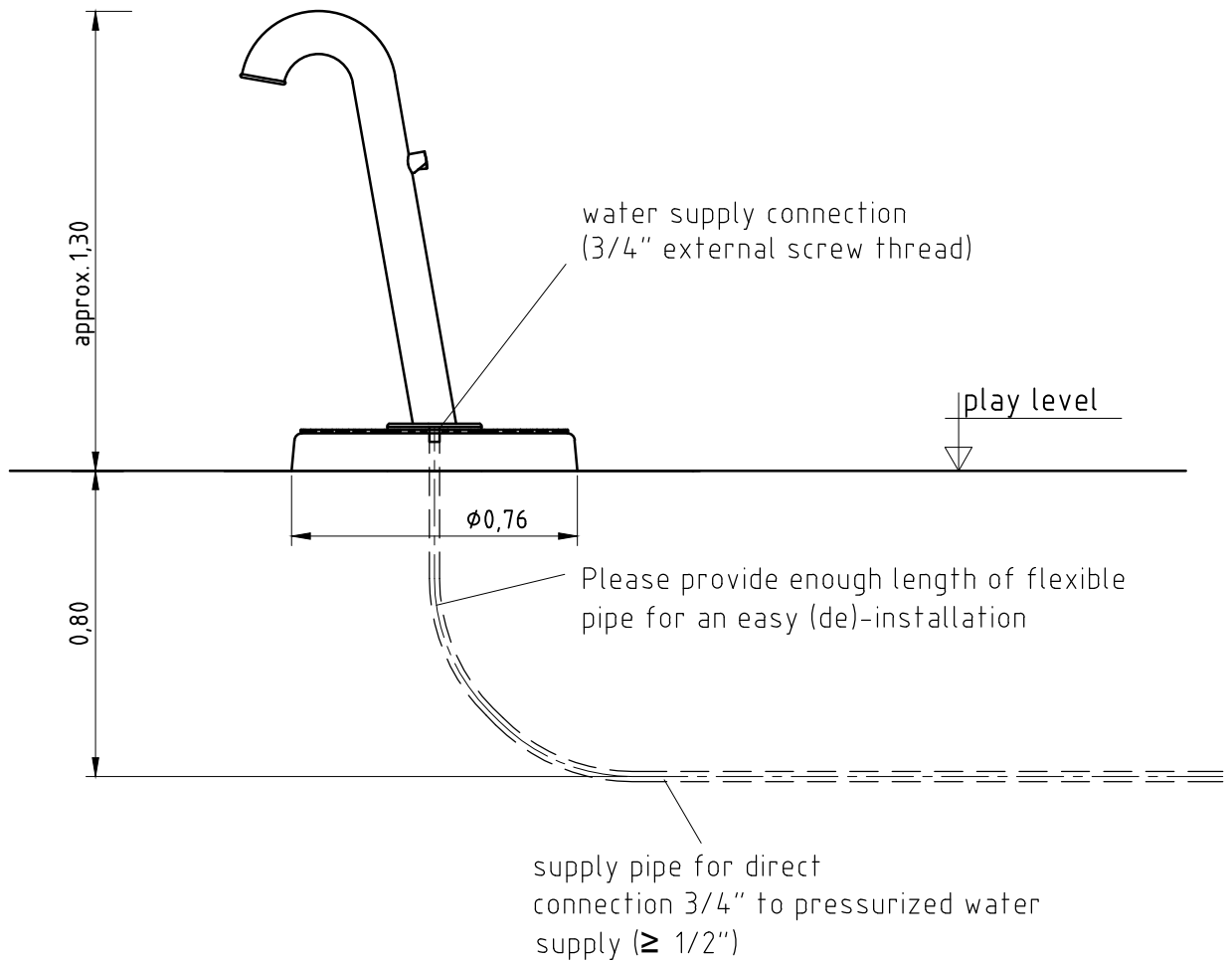
In any case, we strongly recommend to install a fine filter (e.g. K&K item no. 3990039) to prevent dirt from affecting the function of the water dispenser or even from its failure. Installation and connection of the water pipes have to be carried out by a suitably qualified plumber. Prior to assembly, the water pipes must thoroughly be rinsed.

- Assign a location for the water dispenser considering the space requirements (see attached drawing)
- Install the pipes which lead to the water dispenser. Keep in mind to facilitate dewatering for the winter season.
- Thoroughly rinse the water pipes and connect them to the water dispenser (3/4in external thread). Afterwards fasten the water dispenser to the prefabricated foundation.
- Check function of water dispenser by pushing the piezo-button. If necessary, adjust the flow duration according to individual requirements.
(Adjustment of the flow duration required see description below)

Winter season storage

Due to the risk of frost damage during the winter season, the water dispenser must definitely be dismantled, dewatered and stored. Dewatering is insufficient! A safe operation is only possible down to +5°C. Lower temperatures will destroy the solenoid valve.

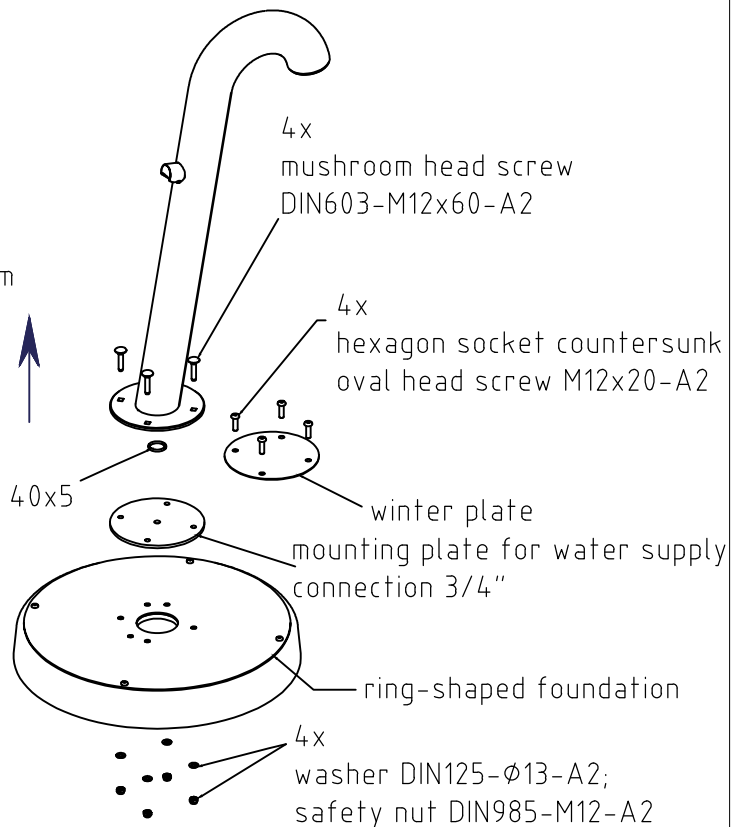
In order to cover the mounting plate for water supply during the winter season, the delivery includes a cover plate made of stainless steel together with the corresponding M12 screws



Necessarily lubricate every screw connection by using the metal paste enclosed to delivery.

Hints for a dispenser removal during winter season

1. Dismantle stainless steel sheet from pre-fabricated foundation.
2. Dismantle dispenser from stainless steel sheet, store screws and gasket ring.
3. Protect supply pipe of mounting plate from dirt e.g. by covering with plastic foil, employ cloth or cover cap.
4. Fasten winter cover plate and mounting plate to stainless steel sheet.
5. Fix stainless steel sheet with pre-fabricated foundation.



Insertion/Exchange of the battery

The average life span of the battery installed (6V/1,4Ah/7,8Wh; K&K Art.-Nr. 3990119) is approx. four years, depending on user frequency and ambient temperature. For replacement, directly contact Kaiser & Kühne Freizeitgeräte GmbH. The replacement takes place as follows:

1. Remove the three safety screws from the front panel by using the hexagon key provided.
2. Take out the front panel including flexible pipe, controller module and battery.



front panel with aerator

theft-proof screw M8x20-A2

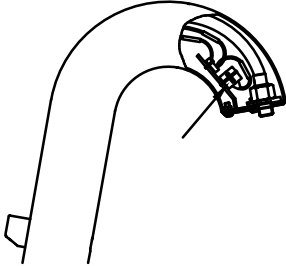
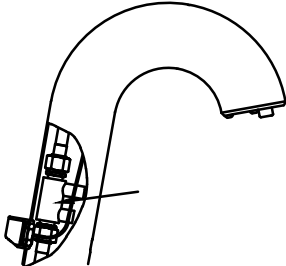
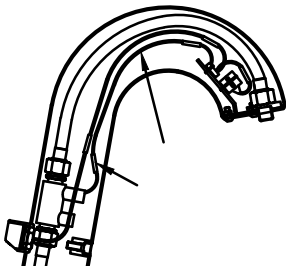
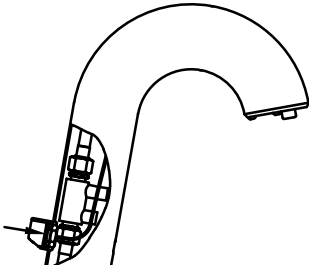
TORX wrench TR8

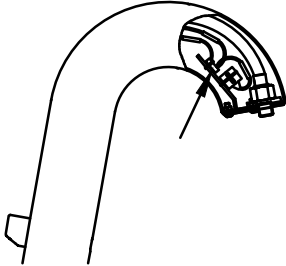
3. Remove the cable tie from the battery.
4. Replace the battery by removing the connector.
Attention: Respect correct polarity when inserting the new battery!
Align colour marks on the connectors. Ensure absolute connector dryness to avoid functional disorder.
5. Fasten the new battery by means of a new cable tie.
6. Re-install the front panel with the three safety screws.



controller module with indicator LED

primary battery 6V

Fault	possible cause:	Remedy
No water flow after pushing the Piezo button	Water supply is not guaranteed	Check water supply pipes/water intake, open shut-offs
	Battery low 	Replace battery (K&K Item No. 3990119)
	Pollution prevents solenoid valve from opening 	Clean solenoid valve, install fine filter
	Contact fault: plug-in connection damaged or disconnected 	check plug-in connections, respect colour marks; contact pins must not be bent; dry connectors before connecting
	Defective Piezo button 	Replace Piezo button (K&K Item No. 3990117)
	Defective solenoid valve	Replace solenoid valve (K&K Item No. 3990118)

Fault	possible cause:	Remedy
Solenoid valve does not shut off	Defective controller module 	With everything else ok, replace controller module (K&K Item No. 3990120)
Dripping dispenser or constant water flow	Pollution prevents solenoid valve from opening	Clean solenoid valve, install fine filter
Independant water dispenser activity	Defective or polluted solenoid valve	Clean solenoid valve, install fine filter; replace solenoid valve
	Moisture in Piezo button plug-in connection	Dry plug-in connection, use a protective sleeve
	Defective Piezo button	Replace Piezo button (K&K Item No. 3990117)

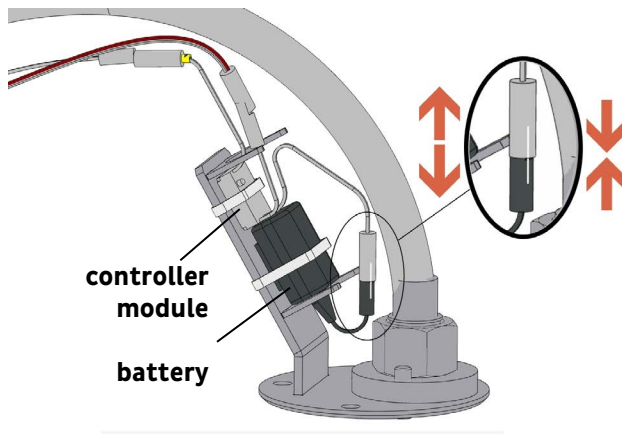
1. Changing the factory setting: Programming runtime of waterflow

- The settings for the runtime of waterflow are made only via the piezo button.
- Settings are only possible within 15 minutes after interruption and restoration of the power supply (battery).
- This means: The battery cable connection must be disconnected and reconnected before programming!

1.1 Disconnecting the power supply:

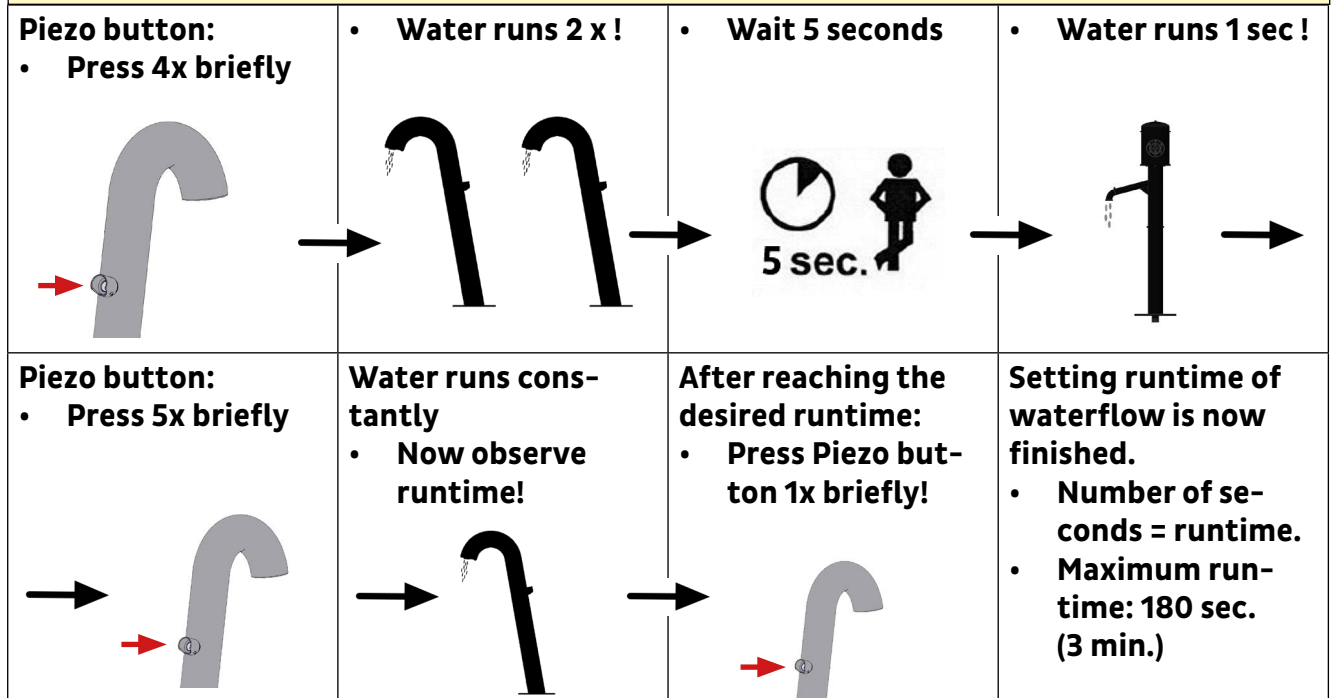


- Remove the 3 safety screws from the front panel by using TORX key provided.
- Take out the front panel including flexible pipe, controller module and battery.

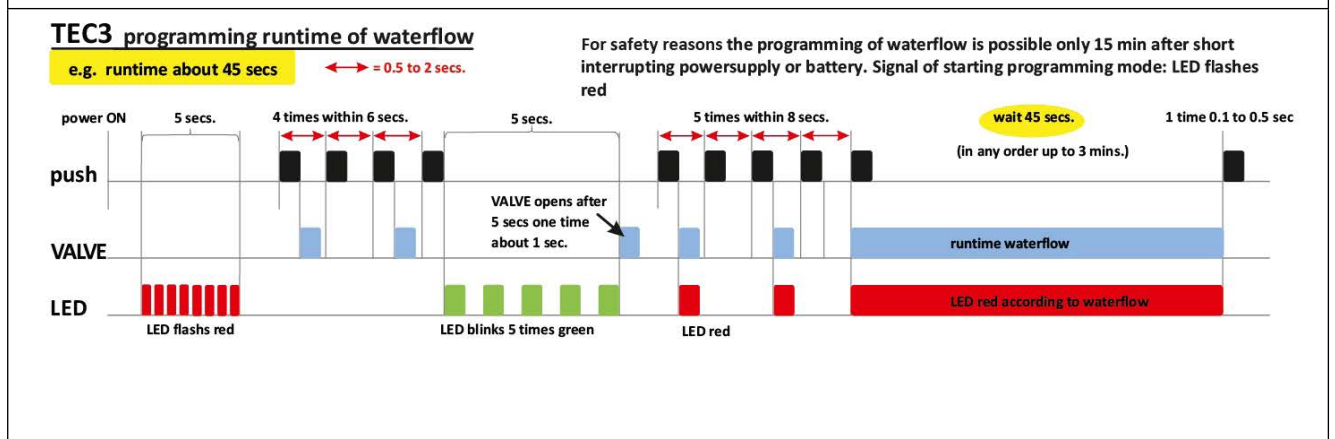


- Disconnect the cable tie between the battery and the controller module
- Wait a moment
- Reconnect cable between battery and control module
- Ensure connector dryness!
- Align colour marks on the connectors!

1.2 NOW: Make settings for runtime of waterflow (within the next 15 minutes)



Alternative illustration: Make settings of runtime



2. Changing the factory setting: Programming time intervals of sanitation wash-up

(Flushing rhythm)

- The settings for the time intervals of sanitation wash-up are made only via the piezo button.
- Settings are only possible within 15 minutes after interruption and restoration of the power supply (battery).
- This means: The battery cable connection must be disconnected and reconnected before programming!

Disconnecting the power supply: see section 1.1

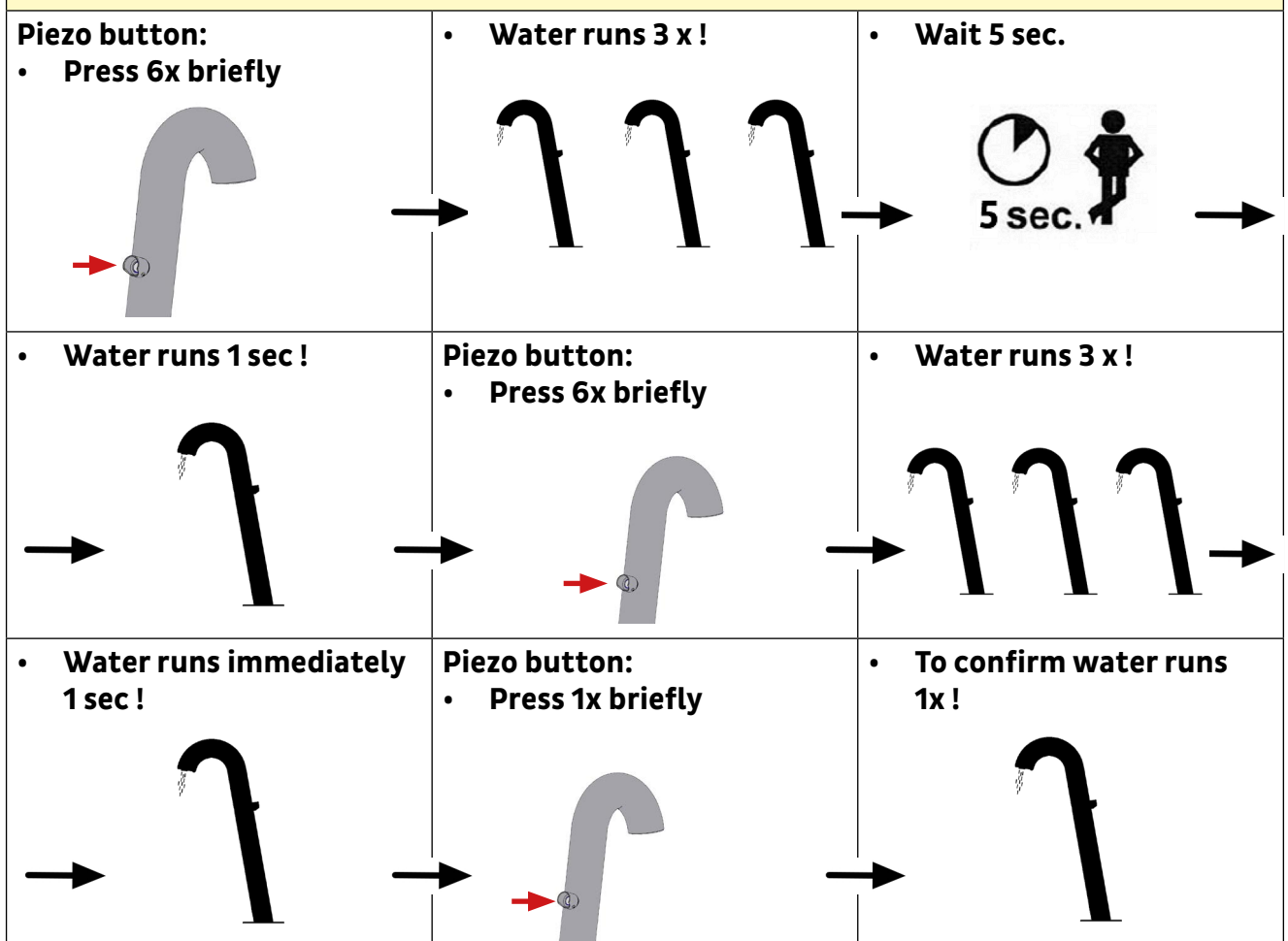
2.1 Make settings for the time intervals of sanitation wash-up

(within the next 15 minutes)

Possible settings: sanitation wash-up

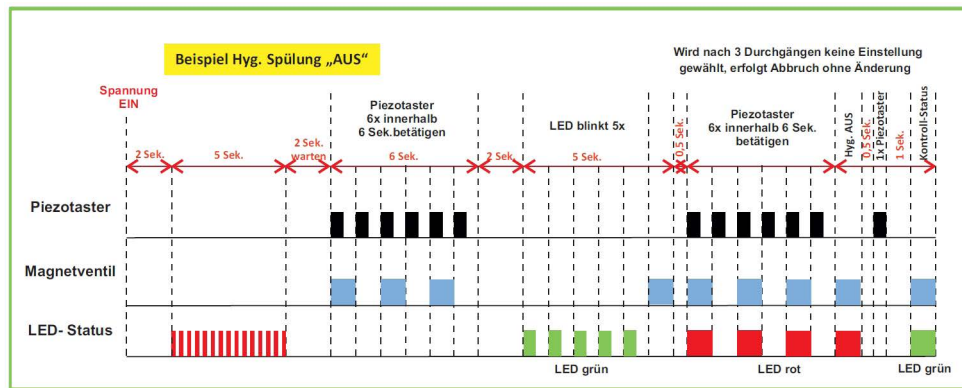
- Sanitation wash-up „OFF“
- Flushing rhythm: 12 h (factory setting)
- Flushing rhythm: 24 h
- Flushing rhythm: 72 h

2.2 Sanitation wash-up „OFF“



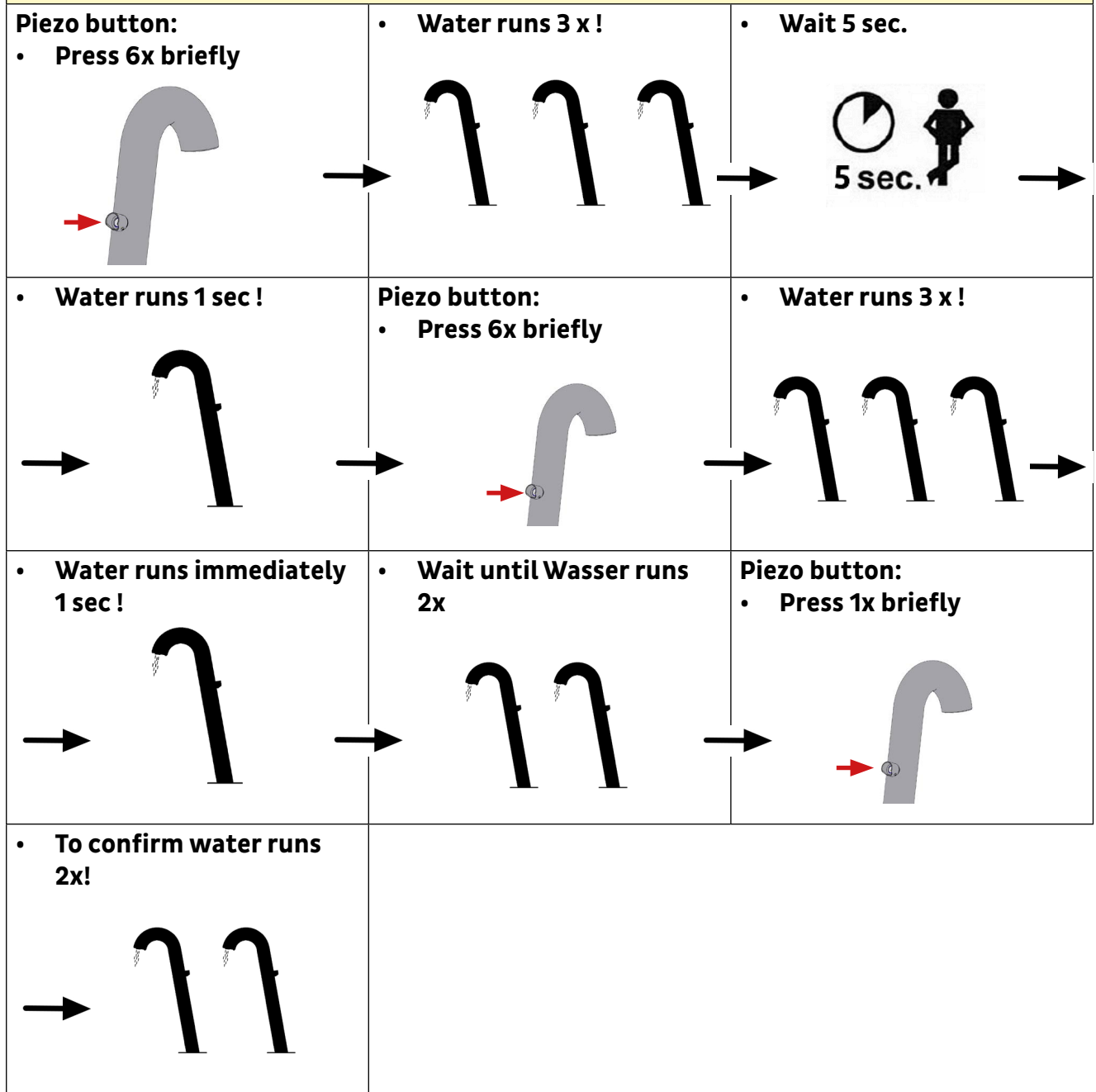
K&K Water dispenser item no. 033119003
Programming runtime of waterflow and sanitation wash-up

Alternative illustration: Setting of sanitation wash-up „OFF“:

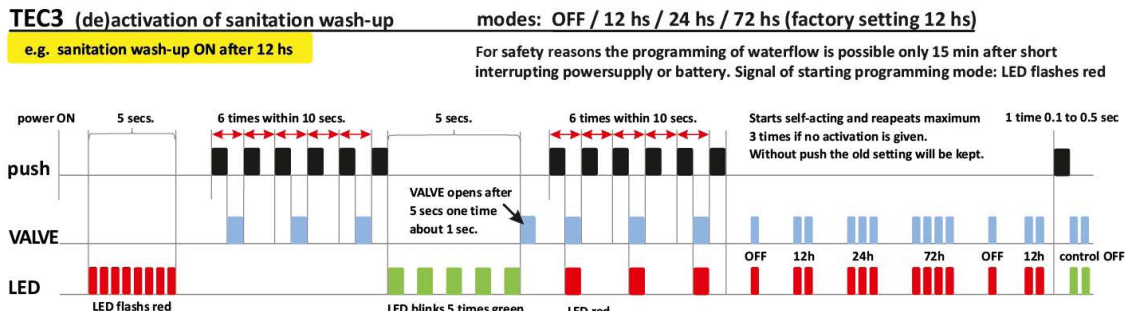


The setting of sanitation wash-up „OFF“ is now finished.

2.3 Sanitation wash-up „12 h“

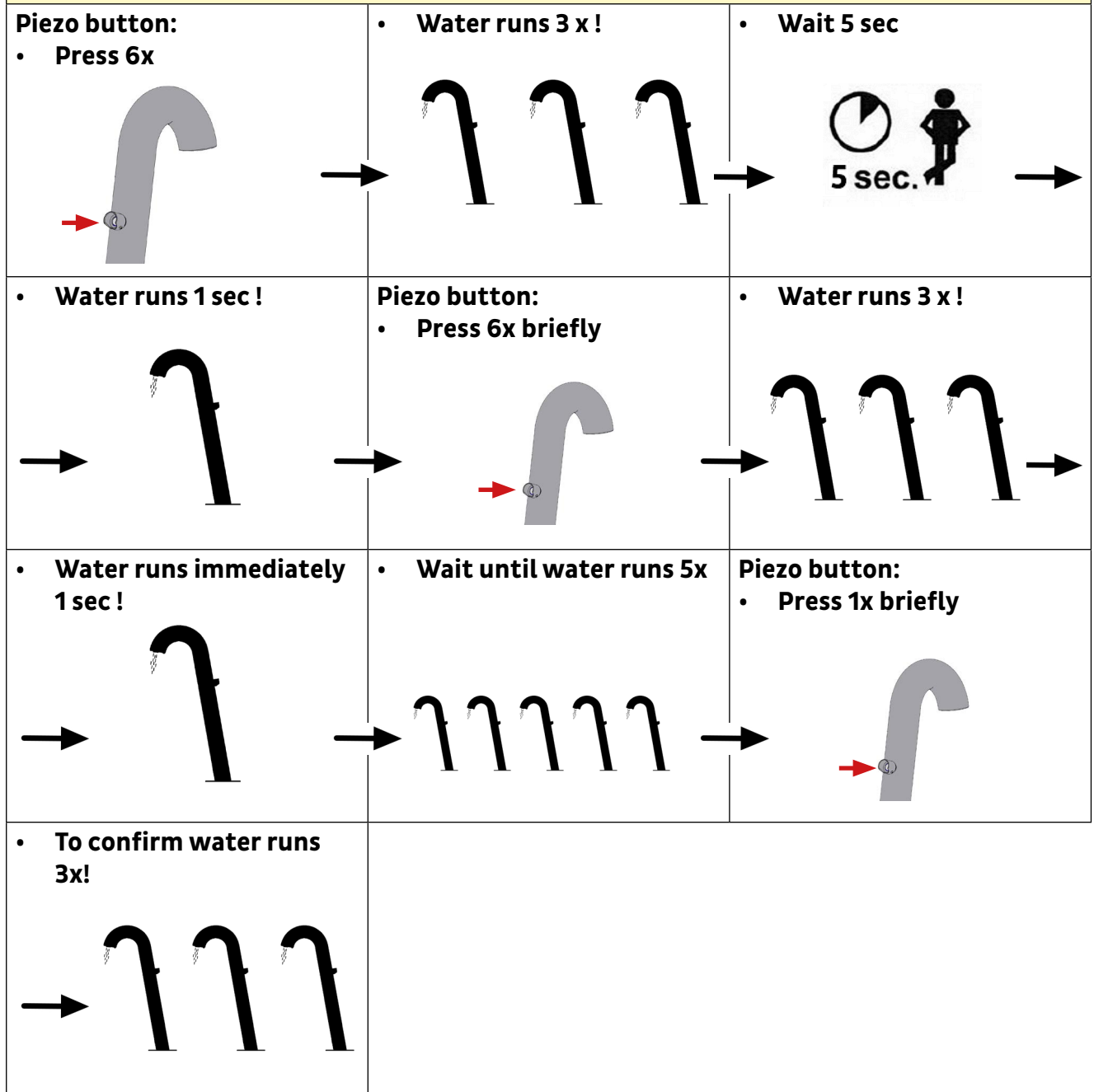


Alternative illustration: Setting of sanitation wash-up „12 h“:



The setting of sanitation wash-up „12 h“ is now finished.

2.4 Sanitation wash-up „24 h“



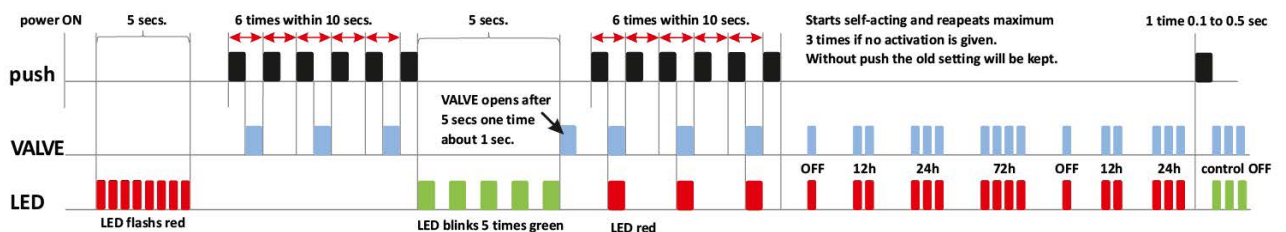
Alternative illustration: Setting of sanitation wash-up „24 h“:

TEC3 (de)activation of sanitation wash-up

modes: OFF / 12 hs / 24 hs / 72 hs (factory setting 12 hs)

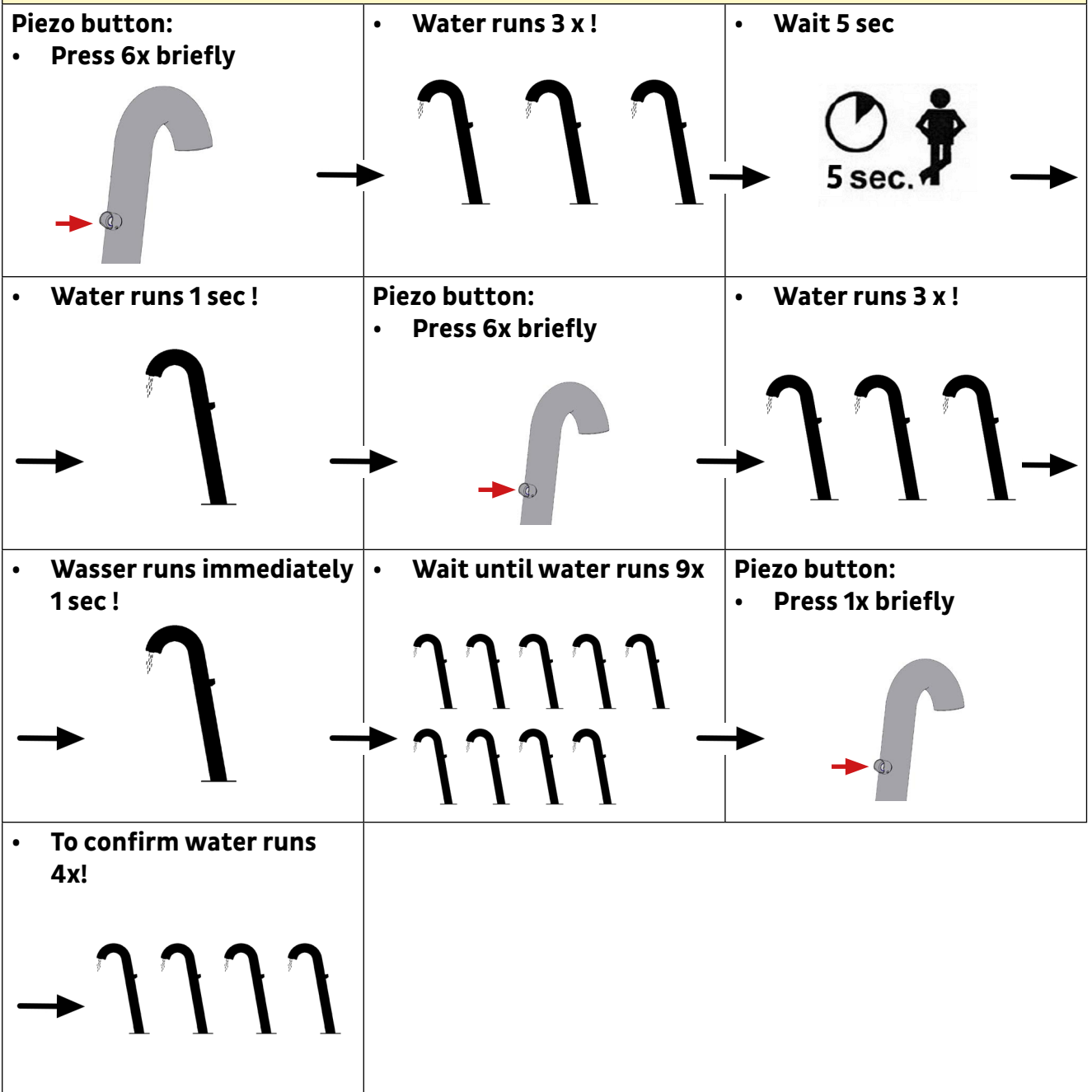
e.g. sanitation wash-up ON after 12 hs

For safety reasons the programming of waterflow is possible only 15 min after short interrupting powersupply or battery. Signal of starting programming mode: LED flashes red



The setting of sanitation wash-up „24 h“ is now finished.

2.5 Sanitation wash-up „72 h“



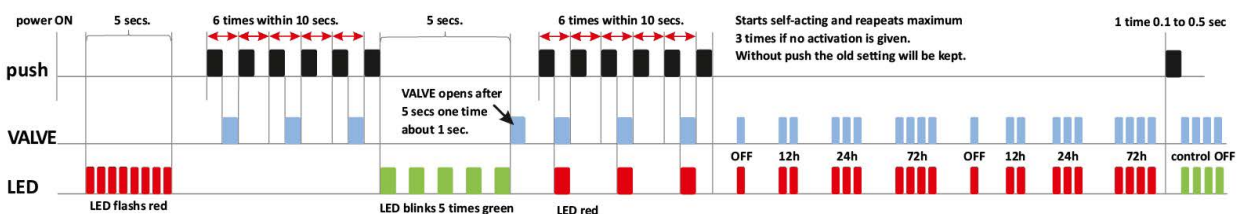
Alternative illustration: Setting of sanitation wash-up „72 h“:

TEC3 (de)activation of sanitation wash-up

modes: OFF / 12 hs / 24 hs / 72 hs (factory setting 12 hs)

e.g. sanitation wash-up ON after 12 hs

For safety reasons the programming of waterflow is possible only 15 min after short interrupting powersupply or battery. Signal of starting programming mode: LED flashes red



The setting of sanitation wash-up „72 h“ is now finished.