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Recycling This symbol is required by the European directive WEEE 2012/19/EU (directive on waste electrical and electronic equipment) and means that your appliance must not be thrown into a normal bin. It will be selectively collected for the purpose of reuse, recycling or transformation. If it contains any substances that may be harmful to the environment, these will be eliminated or neutralised. Contact your retailer for recycling information.



- Before using the appliance, it is important to read the safety warnings and the warranty booklet delivered with the product. Failure to do so may result in serious or fatal injury, material damage, and will void the warranty.
- Keep and pass these documents on for later viewing throughout the appliance's service life.
- The distribution or modification of this document in any way is prohibited without prior authorization from the manufacturer.
- The manufacturer is constantly developing its products to improve quality. The manufacturer reserves the right to totally or partially change the product's features or the content of this document without prior warning.

1. BLUE CONNECT INTRODUCTION

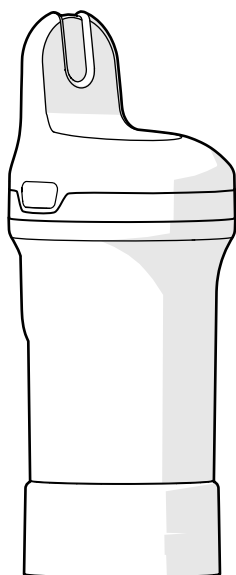
Blue Connect continuously measures the key parameters of your swimming pool (temperature, pH, chlorine, conductivity). It also informs you of the external temperature and weather based on your geolocation. The results of this analysis are then communicated to you via notifications on the Fluidra Pool app (available on smartphone and tablet, compatible with Android™ and iOS). If the device detects that one of the parameters is incorrect, you will receive an alert and information on the corrective action to perform to regulate and stabilize this parameter to maintain a healthy and balanced water quality.

Overview

Blue Connect measures:

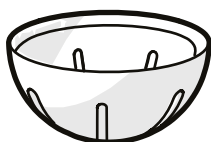
- **Water temperature** (°C): Measures water temperature. An elevated temperature reduces the efficiency of the chlorine and promotes the development of microorganisms.
- **pH** (hydrogen potential): Measures the acidic or basic character of the water. pH contributes to the effectiveness of the disinfectant.
- **ORP/REDOX** (oxidation-reduction potential/ redox potential): The ORP or REDOX measures the oxidizing power of the water in mV. It provides information on the disinfecting power of water.
- **Conductivity** (μS): Measures the concentration of inorganic salts in the water by the ability of the latter to conduct electricity (depending on the model).
- **Salinity** (g/L): Measures the concentration of salt dissolved in the water (depending on the model).

2. DESCRIPTION



Blue Connect - Delivered with the storage foot on to protect the probe during transportation. The probe is immersed in KCl (saturated potassium chloride), which assures its protection.

Storage foot - Used to transport the probe out of the water or to keep the sensors immersed during an extended storage (for example when charging or in winter).

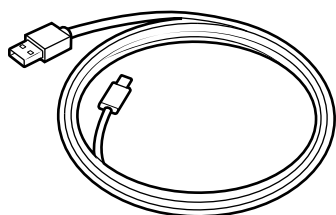


Sensor cap -Must always be mounted on the device before placing it in water. It protects the sensors from any damage.



Cord- Used to fix the device to a point of attachment (optional).

You may need to use a small pair of pliers to insert it in the opening on the side of the product.

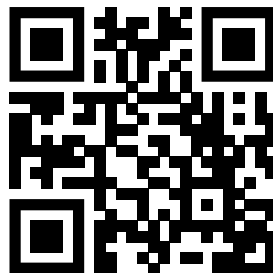


USB-C cable- Used for charging

3. APP INSTALLATION

Download the App

Download the Fluidra Pool app and follow the instructions to create an account and set up your pool.



4. BLUE CONNECT INSTALLATION

The following steps are needed to get Blue Connect up and running:

- Charge the device,
- Pair the device to the Fluidra Pool app
- Install the sensor cap and put it in the pool

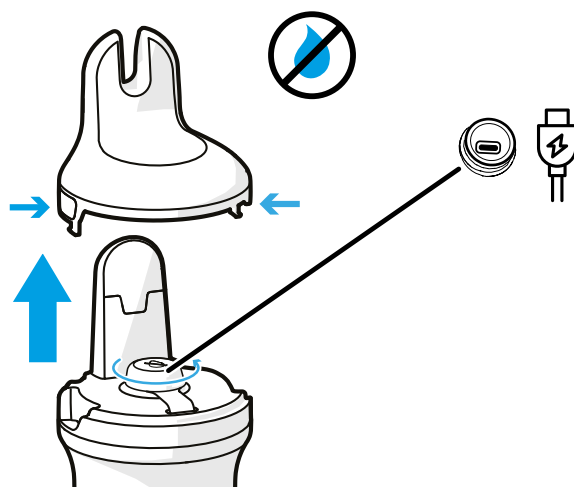
Charge



- You must fully charge the device before using it. Always charge it in an upright vertical position using the storage foot filled with KCL solution or water.
- While charging, the measurement values (pH, ORP) may not be correct. Do not take in to account measurement values when charging.

To charge Blue Connect:

1. **Dry Blue Connect thoroughly** then remove the top cover by pressing on each side and pull upwards.
2. Unscrew the charge port cap and connect the USB-C cable to the device and to a power supply to charge.

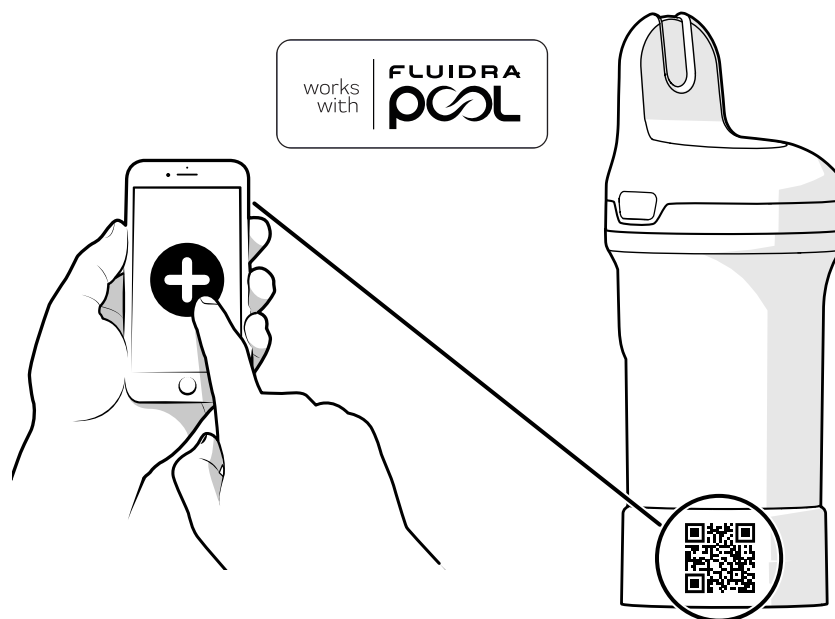


The charge port must be dry before charging. Handle with dry hands in a dry area.

3. After charging, **close the charge port tightly** and place the top back on Blue Connect

Pairing to the App

Open the Fluidra Pool app and click on **Add equipment** to pair the Blue Connect. The QR Code used for pairing is located on the storage foot and under the top cover that is removed for charging.

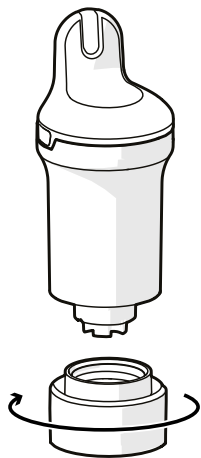


Once connected to the app, you will be notified in the app if there are any firmware updates available. Follow the instructions in the app to update your product.

Install

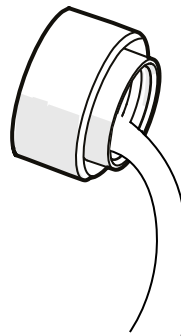
Before use, you must remove the storage foot and install the sensor cap.

1. Set Blue Connect upright and unscrew the storage foot.

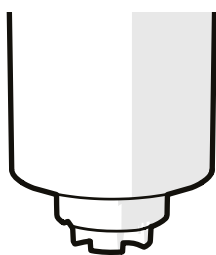


2. Empty the storage foot and rinse in clear water. Set aside.

NOTE: Keep the storage foot in a safe place for use later.



3. Rinse the probe in clear water.

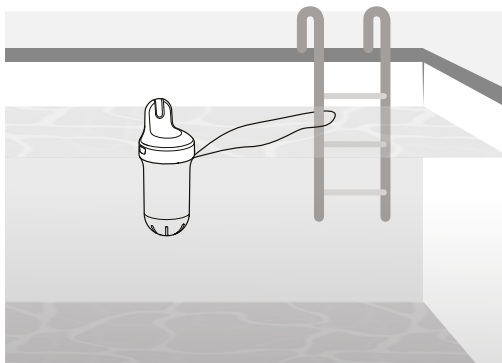


4. Screw on the sensor cap to protect the probes.



5. Put Blue Connect in the pool and leave it floating in the water. If needed, you can secure it by fixing it to a point of attachment with the cord.

Make sure the device is in vertical position and the top is out of the water to allow correct communication.

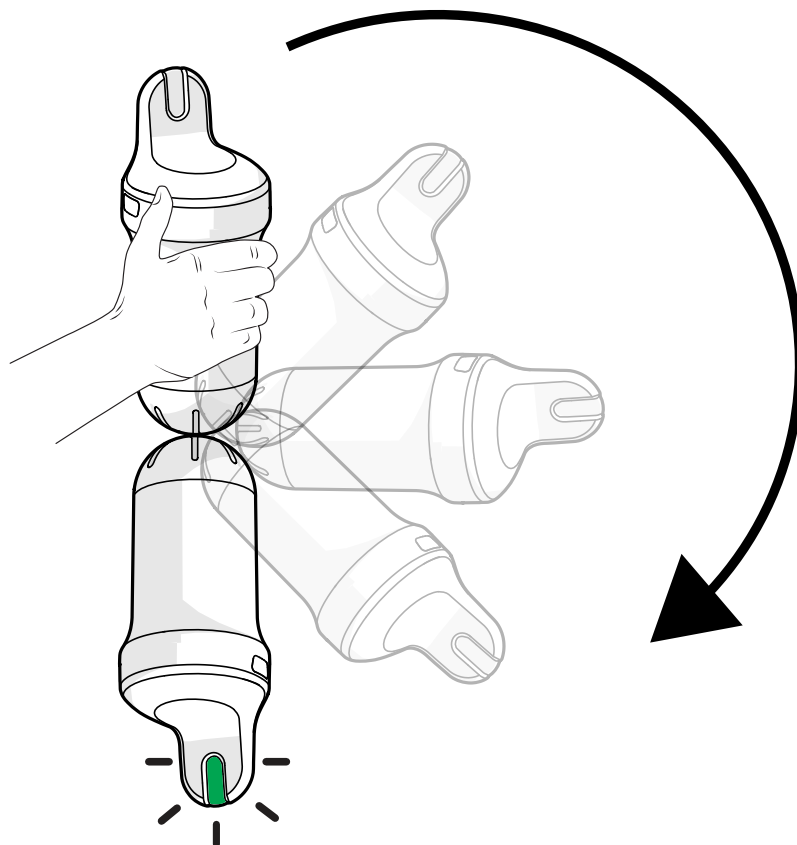


For pools with a pool cover, it is not recommended to use the cord to attach Blue Connect when closing the pool cover. If attached, the device may be immersed in the water and lose connectivity.

5. STATUS LED

The LED indicator on the product provides information on water quality, battery status, and charging.

If you want to check the water/battery status directly on the device (instead of looking in the app) take it out of the water and turn it upside down as shown. You must hold it at least 1 second in the upside down position. Blue Connect emits a beep and the LED lights up (see the LED status table below).



STATE	STATUS LED / BEEP	DESCRIPTION
Charging	Slow blinking blue / 1 beep	Charging
	Solid blue	Charged (full)
Not activated	Off	Device not activated
Quick status check	3 red flashes / 3 beeps	Battery low
	Solid green 5s / 1 beep	Water OK
	Solid orange 5s / 1 beep	Water not ok (water quality needs to be checked and corrected. See the Fluidra Pool app for more information)
	Solid white 5s / 1 beep	No water status, device on
Firmware update	Fast blinking blue / 1 beep	

6. MAINTENANCE

All maintenance procedures must be done using the Fluidra Pool app.

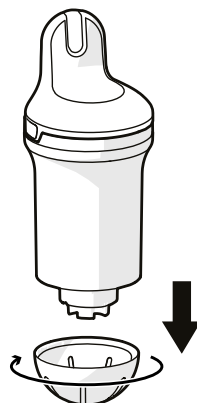


- Calibration products are for single use only. Never use them twice. Please contact your reseller to get a new one.
- Calibration should not be performed when charging the device (charger disconnected).

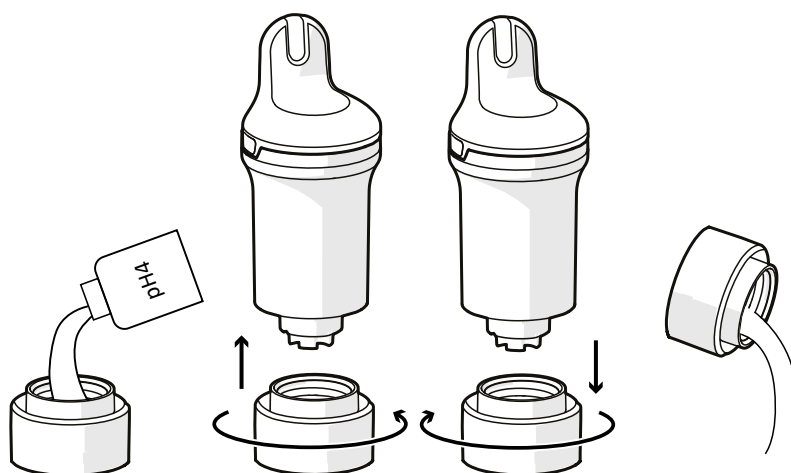
pH Probe Calibration

Calibration for the pH probe should be performed once per season. A calibration kit is necessary- contact your local reseller for more information. It is not necessary for first installation.

1. Take the device out the water, remove the sensor cap and rinse the probe in clear water.



2. Rinse the storage foot with clear water and wipe it dry.
3. Be sure Bluetooth® is activated on your smartphone. Stay close to your device throughout the whole calibration process.
4. In the app select the product, look for the probe calibration section, and follow the guided steps.
5. Place a pH4 solution in the storage foot and screw it onto the device. Follow the instructions in the app.
6. Once the pH4 measurement is complete, unscrew the storage foot and rinse the probe. Empty, rinse with clear water, and wipe the foot.



7. Repeat step 5 using the pH7 solution.



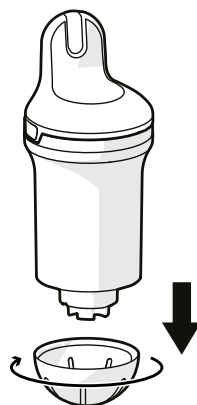
Always clean the probe and storage foot with clear water after using a calibration product to avoid mixtures.

8. Validate calibration.
9. Install the sensor cap on Blue Connect and put it back in the swimming pool.

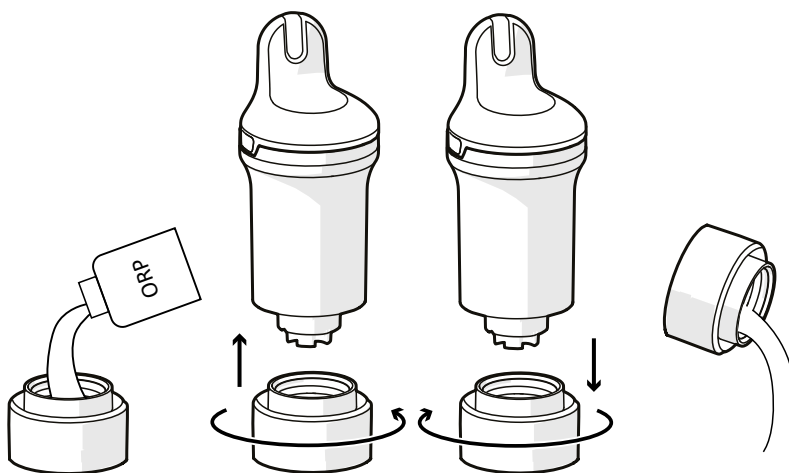
ORP Probe Calibration

ORP probe calibration should be performed once per season. A calibration kit is necessary- contact your local reseller for more information. It is not necessary for first installation.

1. Take the device out the water, remove the sensor cap and rinse the probe in clear water.



2. Rinse the storage foot with clear water and wipe it dry.
3. Be sure Bluetooth® is activated on your smartphone. Stay close to your device throughout the whole calibration process.
4. In the app select the product, look for the probe calibration section, and follow the guided steps.
5. Place an ORP solution in the storage foot and screw it onto the device. Follow the instructions in the app
6. Once the ORP measurement is complete, unscrew the storage foot and rinse the probe. Empty, rinse with clear water, and wipe the foot.



- Always clean the probe and storage foot with clear water after using a calibration product to avoid mixtures.
- After ORP calibration, it can take some time to get correct measurements. Wait at least 6 hours before performing a measurement in the pool.

7. Validate calibration.

8. Install the sensor cap on Blue Connect and put it back in the swimming pool.

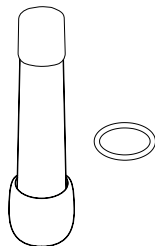
Probe Replacement

The probe needs to be replaced approximately every two years. Please contact your reseller to get a new probe.



- To ensure maximum longevity of the probe, keep it for as long as possible in a humid environment. If you take the device out of the water, you must install the storage foot with KCl (saturated potassium chloride), pH4 or, as a last resort, pool water.
- A low pH (within the correct pool parameters) enhances the longevity of the probe.
- When changing the probe, ensure the product does not remain open for too long, as desiccant may absorb humidity and then free this humidity into the product once closed

Probe Replacement Kit

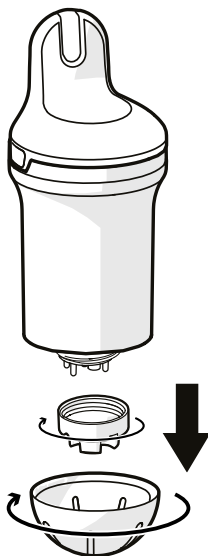


Installation

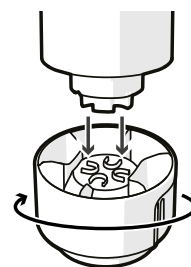


It is highly recommended to perform this procedure keeping the product vertically upright so that no water enters the device.

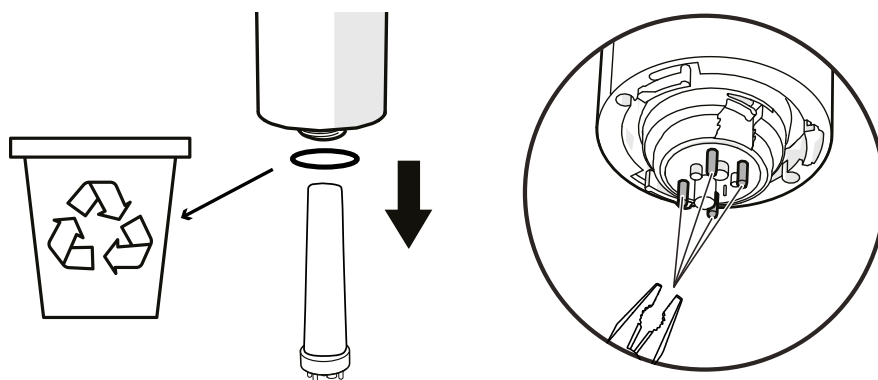
1. In the app select your product, look for the probe replacement section, and follow the guided steps.
2. Take Blue Connect out of the water. Wipe the device dry and start the procedure in a dry, clean place.
3. Remove the sensor cap and the probe cover.



If needed, you can use the under side of the storage foot to unscrew the probe cover.

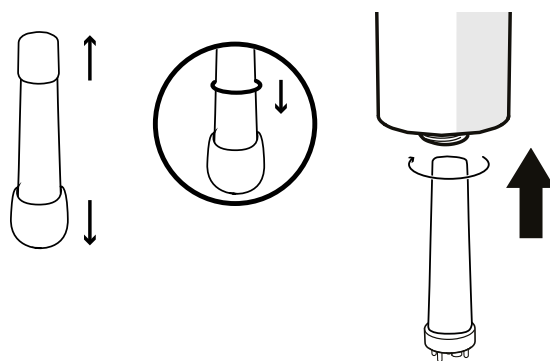


4. Gently pull on the four plastic tips of the probe. If needed, you may gently use pliers to removed the probe (see zoom). Wipe off any residual water and keep the device upright. Be sure to remove the seal and discard it (it may be stuck inside).



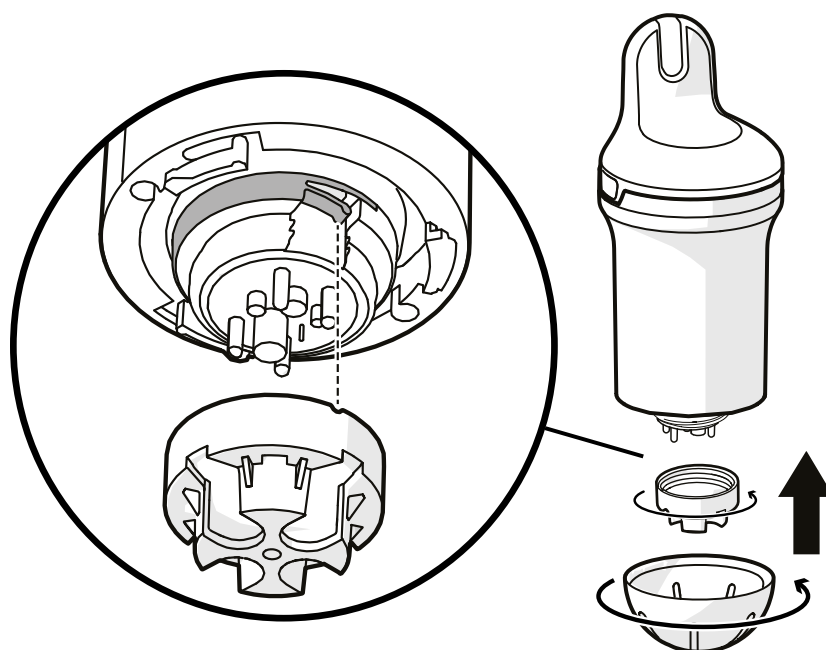
5. Scan the QR code of the new probe

6. Remove the protective cover on the new probe. Place the new seal on the new probe. Insert the probe and turn it until it is placed correctly.



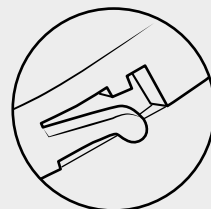
- Be careful not to drop the probe as it is very fragile.
- DO NOT use any tools and DO NOT touch the probe's sensing areas when installing to avoid damaging it.
- These steps should be carried out as quickly as possible to avoid having the device open for too long.

7. Screw the probe cover firmly onto the device until it clicks into place (see zoom). You can use the under side of the storage foot to tighten it. Then, install the sensor cap and place Blue Connect back in the water.





The probe cover must be screwed on so that the small tab clicks into place as shown. If not the product may be damaged.



The sensor may take a few hours to stabilize its parameters after its first immersion in the swimming pool

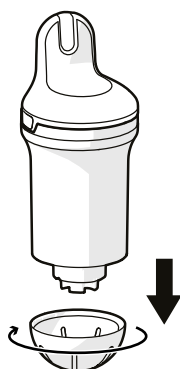
Winterization

To keep your device in good working condition, you must store it properly for the winter by putting it in winter mode. Be sure that it is fully charged before following the procedure below.

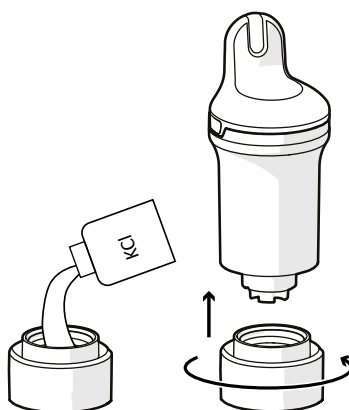
Winter Mode

You must put the device in winter mode before storing it for the winter. **Winter mode cannot be activated if the device is charging.**

1. Remove Blue Connect from the water. Remove the sensor cap.



2. Be sure Internet (Wi-Fi or 4G) and Bluetooth® are enabled on your smartphone. Stay close to the device throughout the whole standby process.
3. Put the device in winter mode - in the app, select your product, look for winter mode, and follow the guided steps.
4. Rinse the storage foot with clean water and wipe it. Place KCl (saturated potassium chloride) or pH4 (or as a last resort, water) in the storage foot and screw it on.





The KCl present in the storage foot can cause the formation of agglomerated salt at the junction with the body of the device, but this is not dangerous in any case. Simply rinse with clear water.

5. Validate the winter mode and store Blue Connect sheltered from frost.

Storage

If you need to take Blue Connect out of the pool for more than an hour, install the storage foot with KCl (saturated potassium chloride), pH4, or as a last resort, pool water as the probe should not be left dry.

Re-Activate After Winterization

To re-activate Blue Connect after winterization, simply plug it in to charge the battery. This wakes up the device.

7. TROUBLESHOOTING

PROBLEM	SOLUTION
Pairing failed	Do not confuse letters and numbers (e.g. B and 8, l and 1, etc.) in the access code.
The measurements are not correct.	• Check calibration of the sensor. • A bubble of air can corrupt measurements. Move the device slowly to try to remove any bubbles.
Odd measurements (pH and redox)	Bubbles on the probe can be the cause. Shake the device under water to get rid of the bubbles and re-measure.
You turn the device upside down to get a status check and nothing happens	• Flip the device slowly, be sure to hold it upside down for at least 1 second. • Plug it in to charge it. If the LED still does not light up, contact your retailer.
The device does not charge (no blue LED)	• Check your charger • Check your USB-C cable If the device still does not charge, contact your retailer.
When you want to connect your device in Bluetooth, your device is not detected and doesn't appear on device list.	• Check if bluetooth is active on your smartphone • Check if the device is not already connected to another smartphone • Charge the device If the device still does not charge, contact your retailer.
You don't see the water status color after flipping your product.	• Check in a darker area or by creating a shadow with your hand • Charge the device
You must recharge the device often	• Check the quality of Wi-Fi signal • Try leaving the device in different place in the pool • Install a Wi-Fi repeater close to your pool
Data reported is completely out of the range	Check if the probe is present, if the nut is screwed on tightly, and if the screwing witness is in place.
Condensation appears inside the LED area	This is normal and does not affect how the product functions. The condensation will disappear after correctly storing the product for more than 6 days.
The product does not connect to the Wi-Fi	Move the product closer to the Wi-Fi box.
No measurement on first installation or after wintering	The sensor is too dry. Leave the sensor in the water for 24hrs, then calibrate and check if the sensor is functioning correctly.

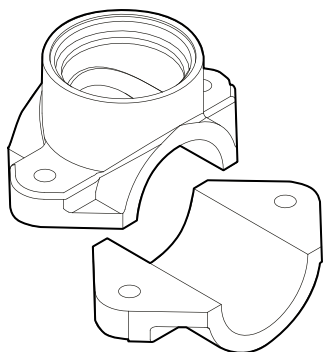
8. BLUE FIT 50 INTRODUCTION

The Blue Fit50 is a hose clamp compatible with Blue Connect. It allows you to install Blue Connect on the piping in the technical room.



Blue Fit50 is a Blue Connect accessory. It is sold separately.

9. BLUE FIT50 DESCRIPTION



One hose clamp



One threaded cap



X2



X2

Two screws and bolts

Precautions for Use

- Do not leave the Blue Connect on the Blue Fit50 when there is no water in the pipes.
- If handling on the hydraulic circuit (risk of water hammer), it is advisable to remove the Blue Connect in order not to damage the product.
- Make sure to create a sufficient flow in your installation so that the Blue Connect can take measures.
- Always place the Blue Connect vertically with the probe downwards.
- Do not charge Blue Connect when installed on the Blue Fit50. Remove it before charging.
- Do not charge the device all the time. When the device is charging, measurement values may be corrupt.

10. BLUE FIT50 INSTALLATION

Make sure to always place the Blue Fit50 after the filter (to avoid damaging the probes) and before your product injection system or electrolysis (to avoid altering the measures taken by Blue Connect).

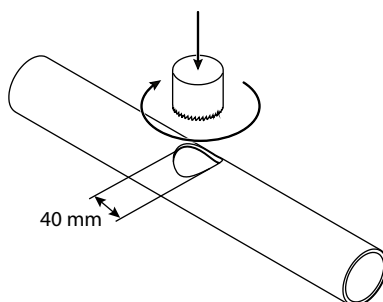
Maximum admissible water pressure for installation in the pipe is 300 kPa.

If needed, ask your pool specialist for advice in case of any doubt.

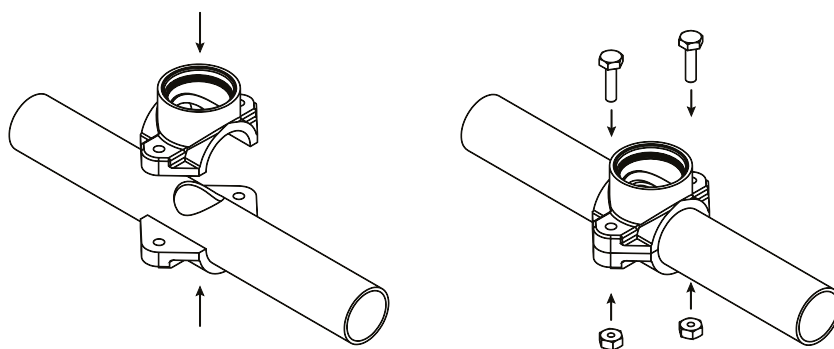
1. Turn off the filtration system.
2. With a 40mm diameter hole saw, drill a hole in the upper part of the pipe.



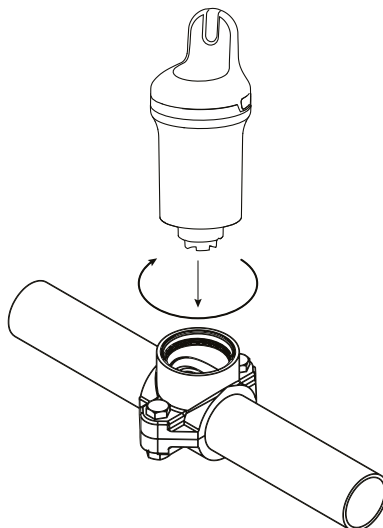
Blue Connect must be in vertical position, with the probe downwards.



3. Place both parts of the hose clamp on each side of the pipe so that the holes coincide, and screw the hose clamp.

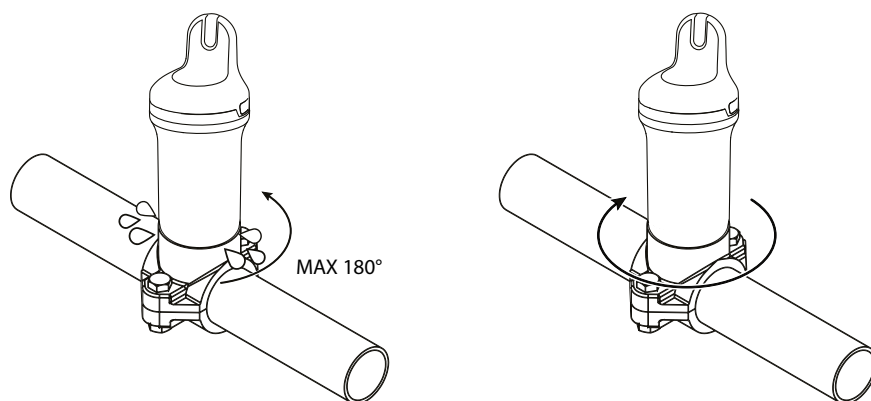


4. Screw Blue Connect on to the hose clamp. The top lip of Blue Connect should be parallel to the pipe.



5. Turn on the filtration system.

6. Slightly and slowly unscrew the Blue Connect (maximum $\frac{1}{2}$ turn) to remove any air. As soon as the water comes out, it means that there is no air left in the pipes, and you can then tightly screw Blue Connect again.

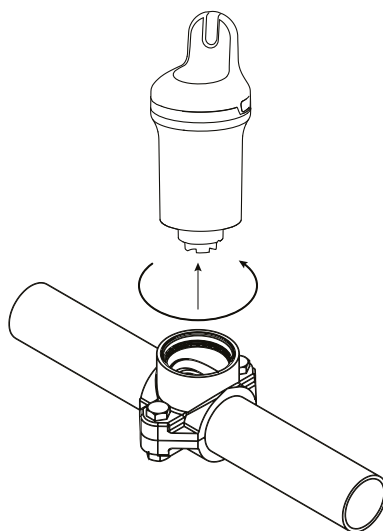


7. In the app, select the product and look for the activate Blue Fit50 option and follow the instructions.

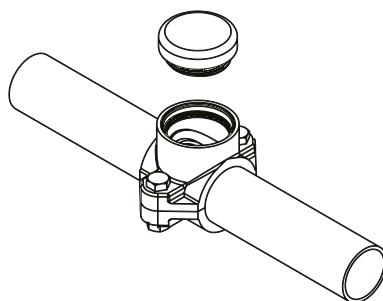
11.BLUE FIT50 WINTERIZATION

Follow this procedure when getting ready to store Blue Connect for the winter.

1. Switch off the filter pump, close the valves, and unscrew the Blue Connect.



2. Seal the hose clamp with the cap provided in the Blue Fit50 box.



3. Follow the procedure for Blue Connect Winterization (see [Winterization, page 14](#)).