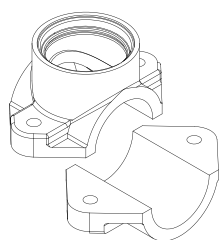# blue fit50

Introduction ———

A. Overview

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

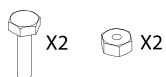**Note**: **Blue Fit50** is a **Blue Connect** accessory. It is available in the **Blue Plus** pack, or sold separately.

B. The box includes

One hose clamp.

One cap.

 X2   X2   2 bolts.

C. 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.
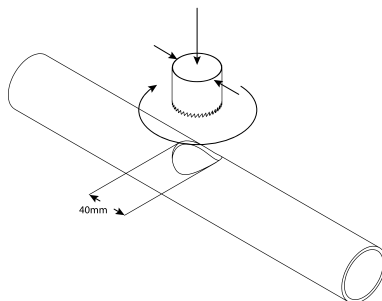
Blue Fit50 installation ———

NB: Feel free to ask your pool specialist for advice in case of any doubt.

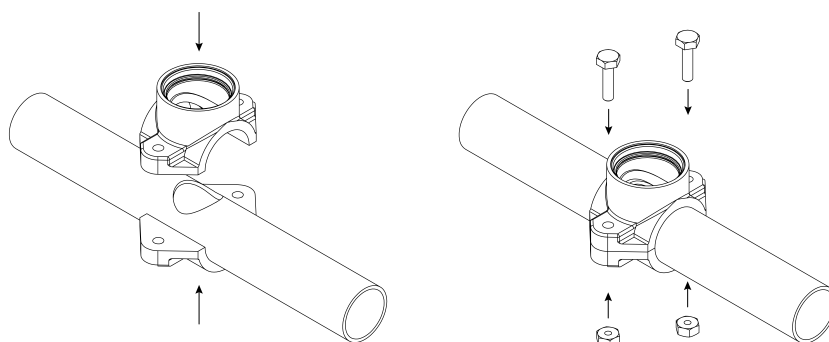### A. Find the correct location

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 the **Blue Connect**).
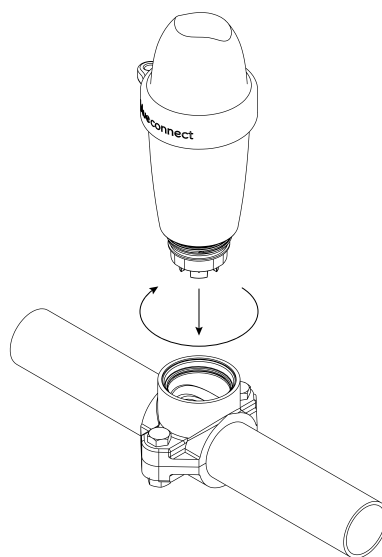
B. Set up

1.   Turn off the filtration system.

2.   With a 40mm diameter hole saw, drill a hole in the upper part of the pipe.
Note: The **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.
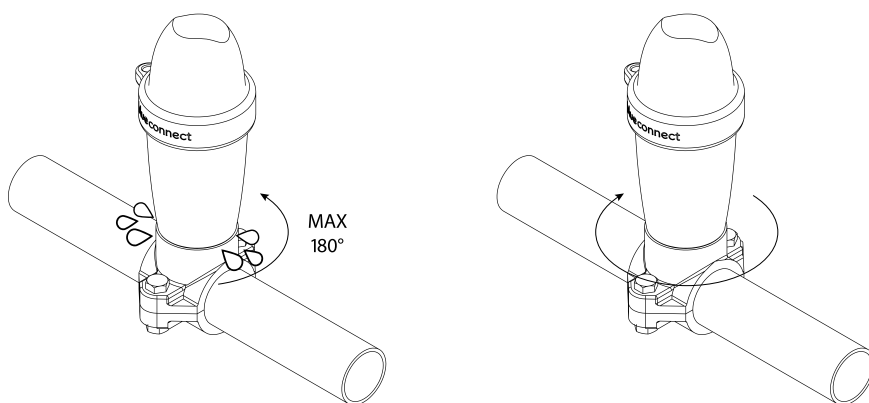

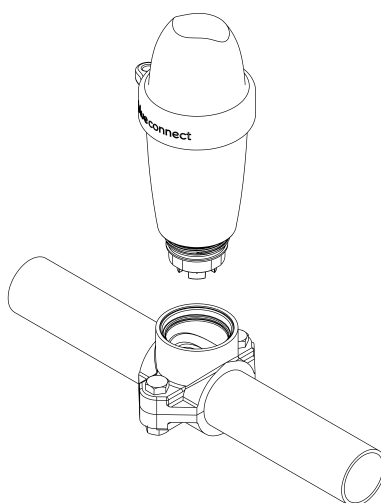**4.**   Screw the **Blue Connect**.

5.   Turn on the filtration system.

6. Slightly and slowly unscrew the **Blue Connect** (maximum ½ 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.

MAX
180°

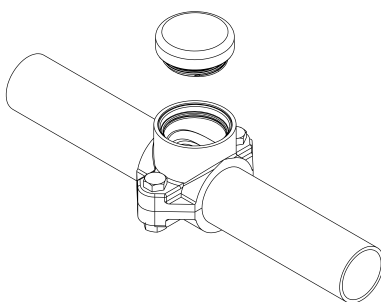**7.** In "Settings" » "**Blue Connect**", activate the **Blue Fit50** option.

Winterization procedure ──────
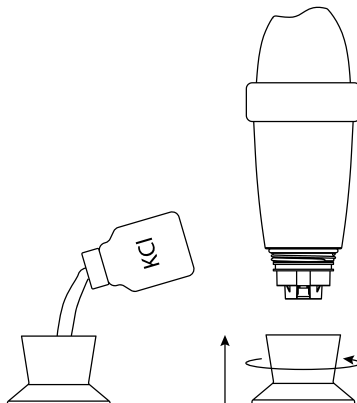
1. Unscrew the **Blue Connect**.

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

3. Activate the Internet (Wi-Fi or 4G) and Bluetooth® on your smartphone.
Note: Stay close to the device throughout the whole standby mode process.

4. In the app, in "Settings" » "**Blue Connect**" press "Put into standby mode".

5. Rinse the storage cap and wipe it. Add KCl[8] (saturated potassium chloride) or pH4 in the storage cap and screw it.

6. Validate the standby mode and store **Blue Connect** sheltered from frost.

(i) Feel free to check our online support website to benefit from a remote help: **www.blueconnect.io** (assistance).

General information ———

Warranties

» Product + probes warranty: 24 months.
» Battery warranty: 12 months.

Riiot Labs does not offer any warranty against the deterioration of the material following a manipulation of this latter, in particular the replacement of probe and battery, nor against the damages following the drying of the probes, nor against the wear and normal aging of the product, nor against the damages caused by an accident or a misuse. Riiot Labs does not offer any warranty in case of nonobservance of the precautions for use.

How to recycle this product

This symbol indicates that this product must be disposed of in accordance with applicable legal requirements and separated from domestic waste. At the end of the product's life span, please take it to an official collection point. Sorting and recycling your product help protect the stocks of raw materials and guarantee that all guidelines relative to health and environment protection are respected as part of the recycling.

———

[8] The KCl present in the storage cap 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.

Registered trademark

Riiot Labs, **Blue Connect** and **Blue Fit50**, as well as their respective logos, may be trademarks or registered trademarks of Riiot Labs S.A.

Fluidra as well as their logos are trademarks or registered trademarks of Fluidra S.A.

The Bluetooth® brand (and its logo) is a registered trademark and is the property of Bluetooth SIG, Inc. and its use by **Blue Connect** is subject to license.

App Store is an Apple, Inc. service brand registered in the United States and other countries.

iOS is a trademark or registered trademark of Cisco in the United States and other countries, used under license.

Google Play and Android are Google Inc. brands.

All other trademarks and registered trademarks mentioned in this document are copyrighted and are the property of their respective owners.

Declaration of conformity

$C \in$ FC

To obtain a copy of the FCC, CE declaration of conformity, visit our website **www.blueconnect.io/legal**.

For further information, please check our website **www.blueconnect.io** (assistance).

Declaration of conformity FCC

Changes or modifications not expressly approved by Riiot Labs SA could void the user's authority to operate the equipment.

For devices with the references :
5404014411121
5404014411145
5404014411220
5404014411240

FCC Part 15 compliance statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct interference by one or more of the following measures: - Reorient or relocate the receiving antenna. - Increase the separation between the equipment and receiver. - Connect the equipment into an outlet on circuit different from that to which the receiver is connected. - Consult the dealer or an experienced radio/TV technician for help.

Industry Canada Licence-Exempt Radio Apparatus

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage,

et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus

To satisfy FCC and IC RF Exposure requirements for mobile devices, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during operation. To ensure compliance, operation at closer than this distance is not recommended. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Conformité à l'exposition aux champs RF des équipements radio

Pour satisfaire aux exigences FCC et IC concernant l'exposition aux champs RF pour les appareils mobile, une distance de séparation de 20 cm ou plus doit être maintenu entre l'antenne de ce dispositif et les personnes pendant le fonctionnement. Pour assurer la conformité, il est déconseillé d'utiliser cet équipement à une distance inférieure. Cet émetteur ne doit pas être co- situé ou fonctionner conjointement avec une autre antenne ou un autre émetteur.

Declaration of conformity CE

($ \epsilon $

For devices with the references :
5404014411114
5404014411138
5404014411213
5404014411233

Hereby, Riiot Labs S.A. declares that the radio equipment type Blue Connect Smart Pool Analyser is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: **www.blueconnect.io/legal**

SIGFOX : Tx : 868.13MHz / 14dBm max Rx : 869.525MHz
Bluetooth LE : 2400-2483.5MHz / 10dBm max

Authorized countries codes:
ALB – AND – AUT – BEL– BIH – BLR – BUL – CYP – CZE –
DNK – EST – FIN – GRC – HNG – HOL – HRV – IRL – ISL –
LIE – LTU – LUX – LVA – MDA – MKD – MLT – MNE – NOR –
POL – POR – ROU – SRB – SUI – SVK – SVN – TUR

blue

blueconnect.io
Riiot Labs S.A.