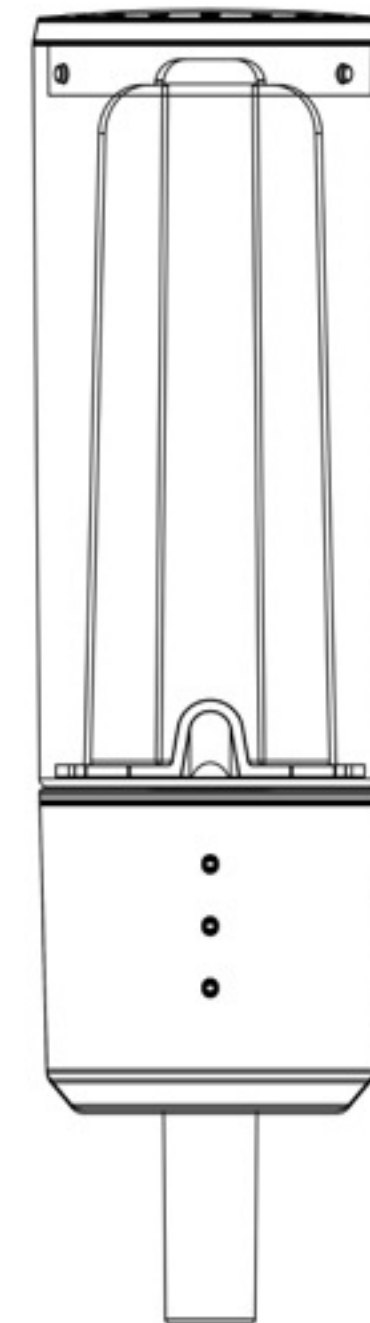


°PLAATO

User instructions





Setting up your PLAATO Airlock

First time use

- 1. Connect Plaato Airlock to a standard USB-charger (5V, 0.5-5A), using the supplied USB-cable.**
The three LEDs on the airlock will now all light up, indicating that the device is in «Setup-mode»
- 2. Download the «Plaato» app on your smart phone**
Create an account and log in.
- 3. Follow the setup guide**
Ensure that your Plaato is powered and in a WiFi-network
- 4. You are all set!**
Plaato is now connected, and will remember the WiFi credentials at every power up - unless you *reset* (p. 4)
LEDs should breath slowly

www.plaato.io/getting-started

Note

The Plaato Airlock connects to your local WiFi-network. The setup is a one-time operation.



Content

User manual

1. Front page
2. Setting up your PLAATO Airlock
3. Content - User manual
4. Starting a batch
5. Read before start
6. Components
7. PLAATO App





Starting a batch

First time use

1. Make sure your Plaato is connected to WiFi, and that you are logged in

The three LEDs on the airlock will breath slowly.

2. In the menu, open «Batch settings»

Create an account and log in.

3. Follow the setup guide

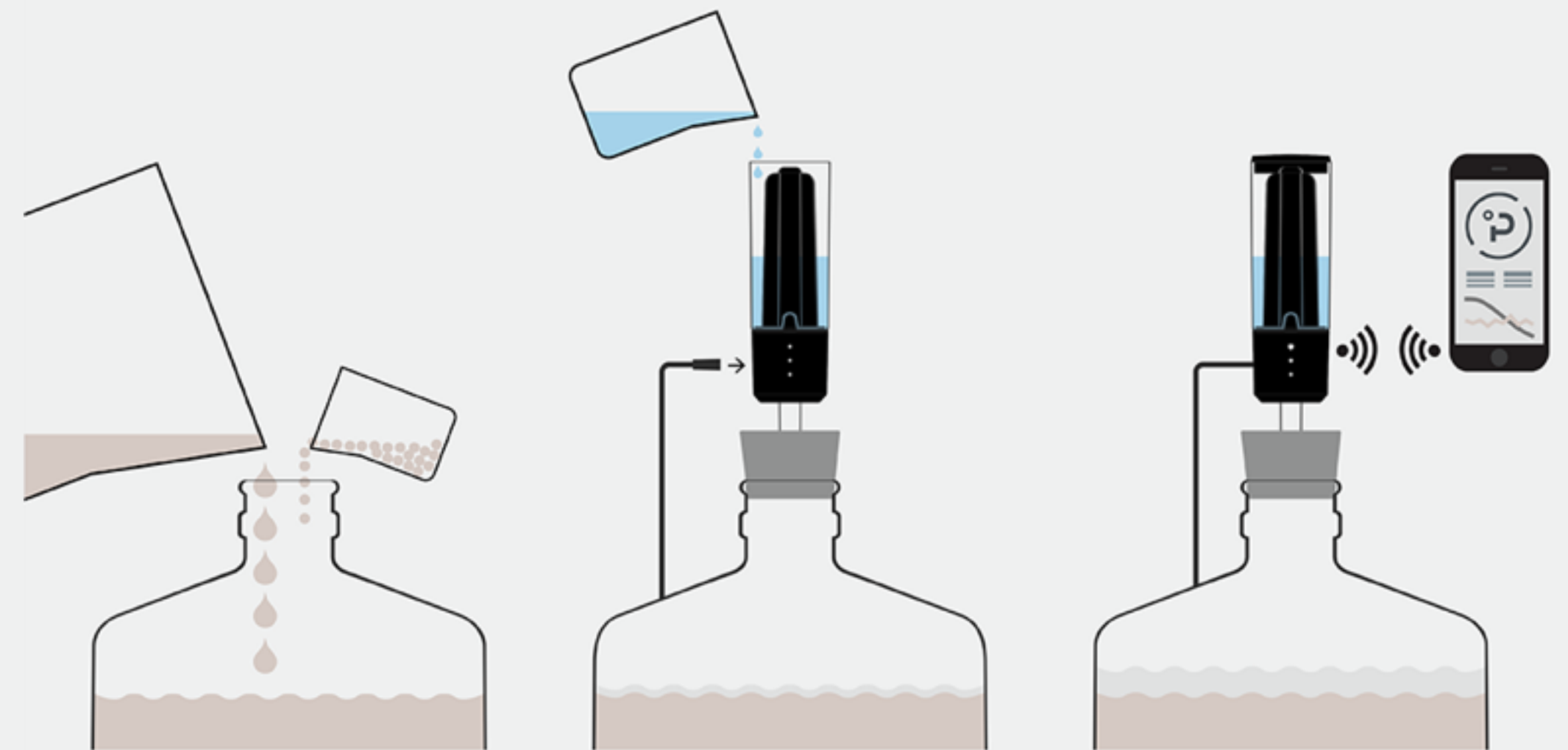
Ensure that your Plaato is powered and in a WiFi-network

4. You are all set!

Plaato is now connected, and will remember the WiFi credentials at every power up - unless you *reset* (p. 4)

Note

The Plaato Airlock connects to your local WiFi-network. The setup is a one-time operation.





Starting a batch

Everyday use

1. Make sure your Plaato is connected to WiFi, and that you are logged in

The three LEDs on the airlock will breath slowly.

2. In the menu, open «Batch settings»

Create an account and log in.

3. Follow the setup guide

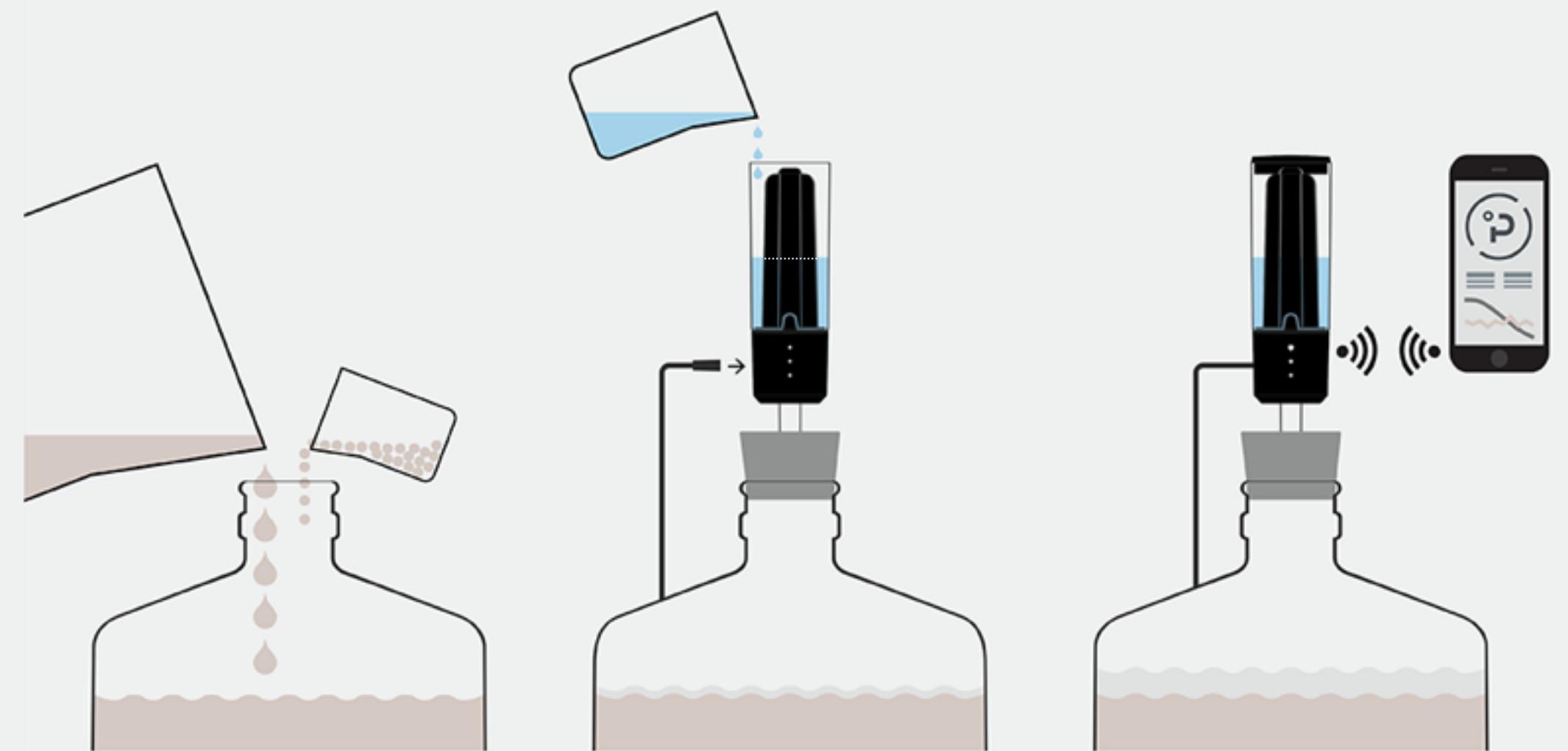
Ensure that your Plaato is powered and in a WiFi-network

4. You are all set!

Plaato is now connected, and will remember the WiFi credentials at every power up - unless you *reset* (p. 4)

Note

The Plaato Airlock connects to your local WiFi-network. The setup is a one-time operation.





Read before use

General safety notes

- Read all instructions before using the PLAATO Airlock
- The appliance is intended to be used in household residential type environments
- Unplug the unit before cleaning, storage or in the event of a failure

Safety information
Technical specifications
Product overview

Disposal

Please dispose the unit properly. Electronic devices should be disposed as hazardous waste. Please use proper facilities when disposing of the unit. Please find your local rules regarding this from your district municipal administration.





Technical Specifications

PLAATO Airlock

Maximum capacity

10 US gallons (50L)

Dimensions

140mm (xx inches)

Power

5V USB charger

Min rating: 0.4A

Materials

Tritan

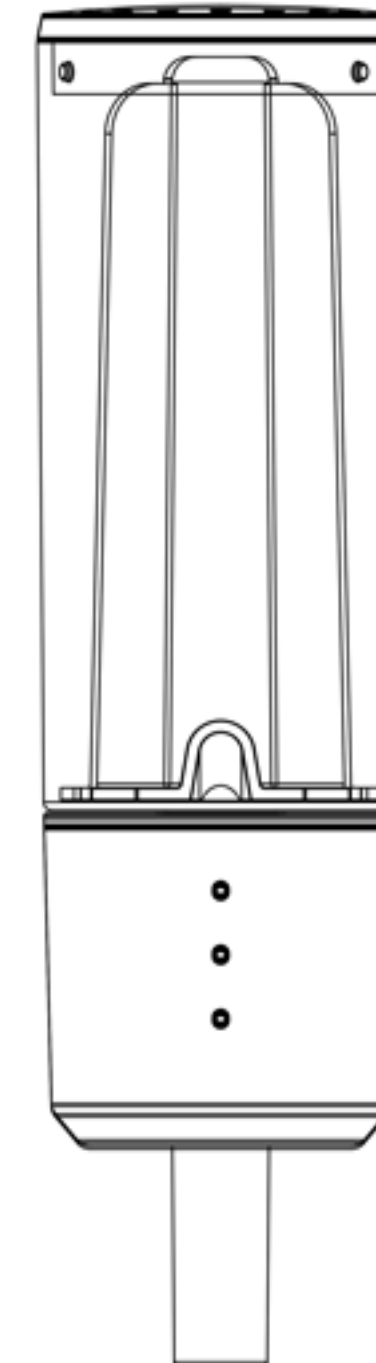
PP

Operating temperatures

32 - 86°F (0 - 30° C)

WiFi

802.11 b/g/n





PLAATO App

For iOS and Android - Overview

All the functions of PLAATO is accessible through the app provided. Everything from the first setup to daily monitoring is done in the app.

Core functionality of the app includes:

Log in / New account

Every user of the app need an account

Setup

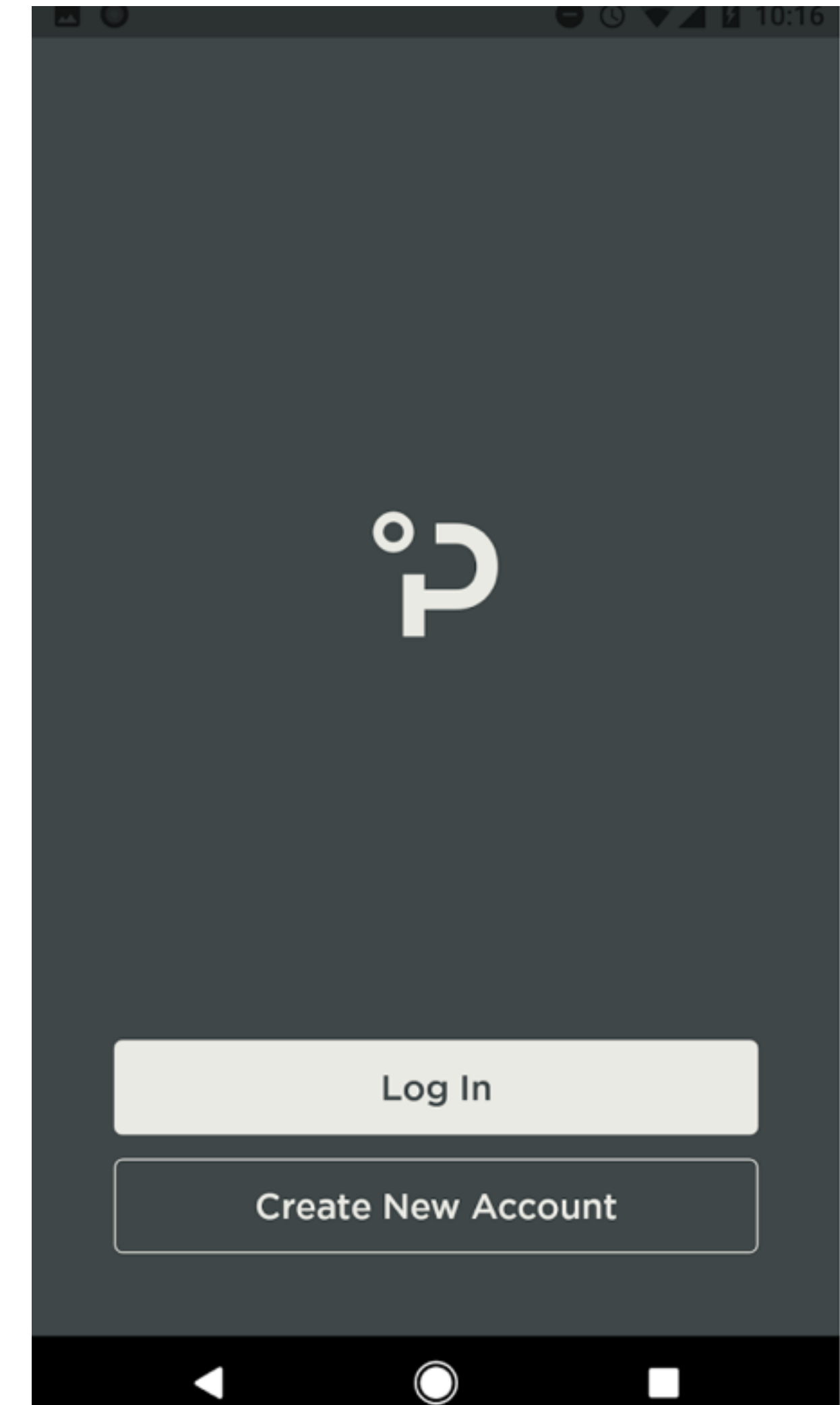
To connect you PLAATO Airlock to the local WiFi-network a one time setup is necessary

Batch settings

Before fermentation begins, type in volume and Original Gravity (OG) of your batch, and head over to the monitor.

Monitor

Here is where the magic happens. Track and follow your fermentation from the specific values, or by using the history graph.

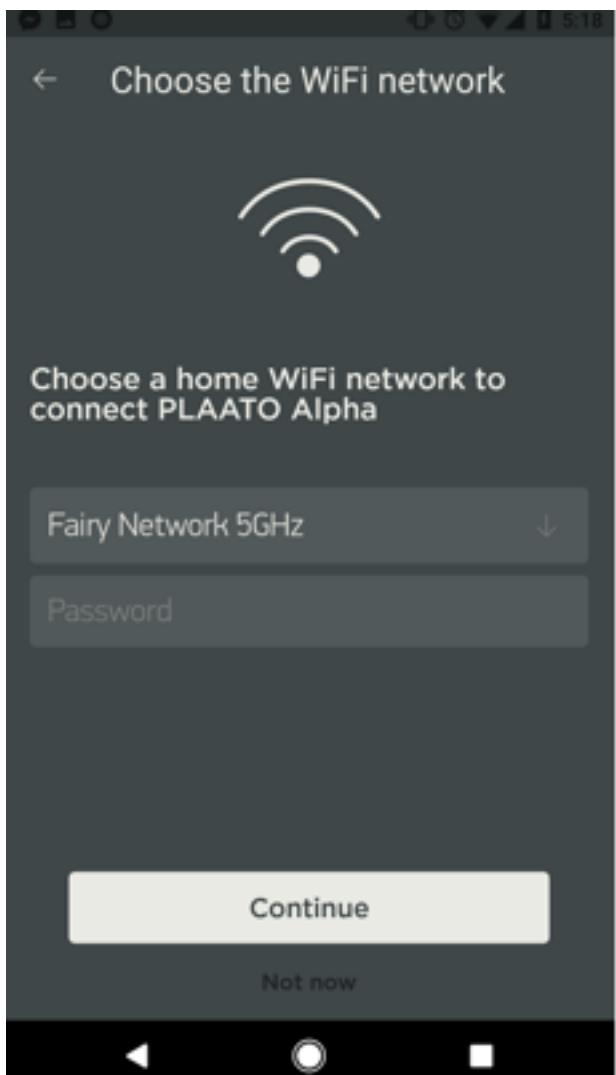
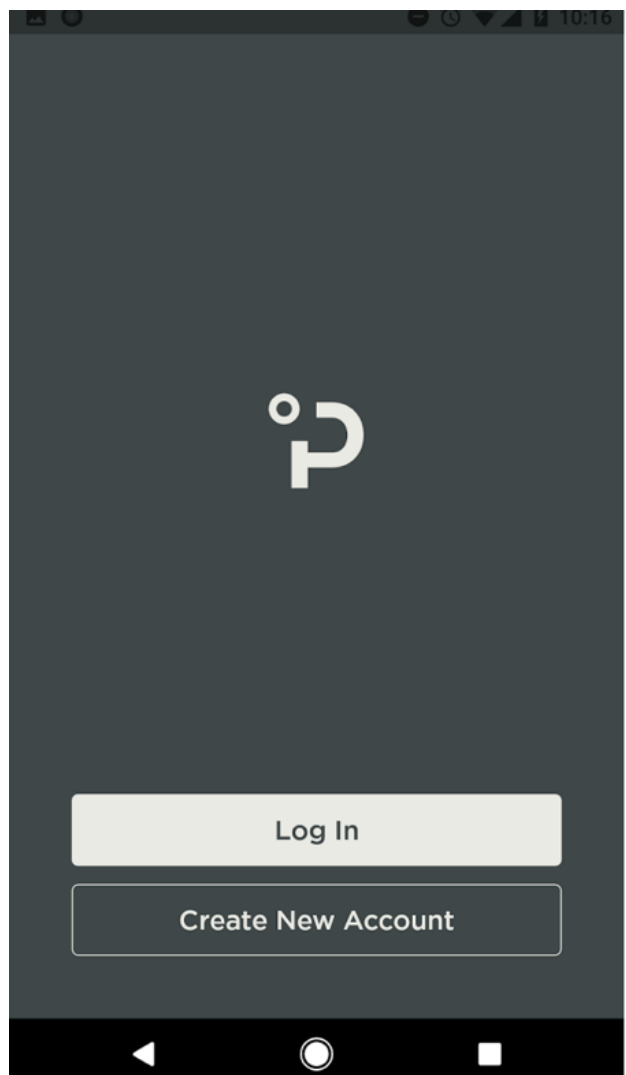




PLAATO App

First time setup

1. Log in or create a new account
2. At first time use, press «Begin»
3. Connect PLAATO to your local WiFi-network
4. Your PLAATO device is now connected to internet

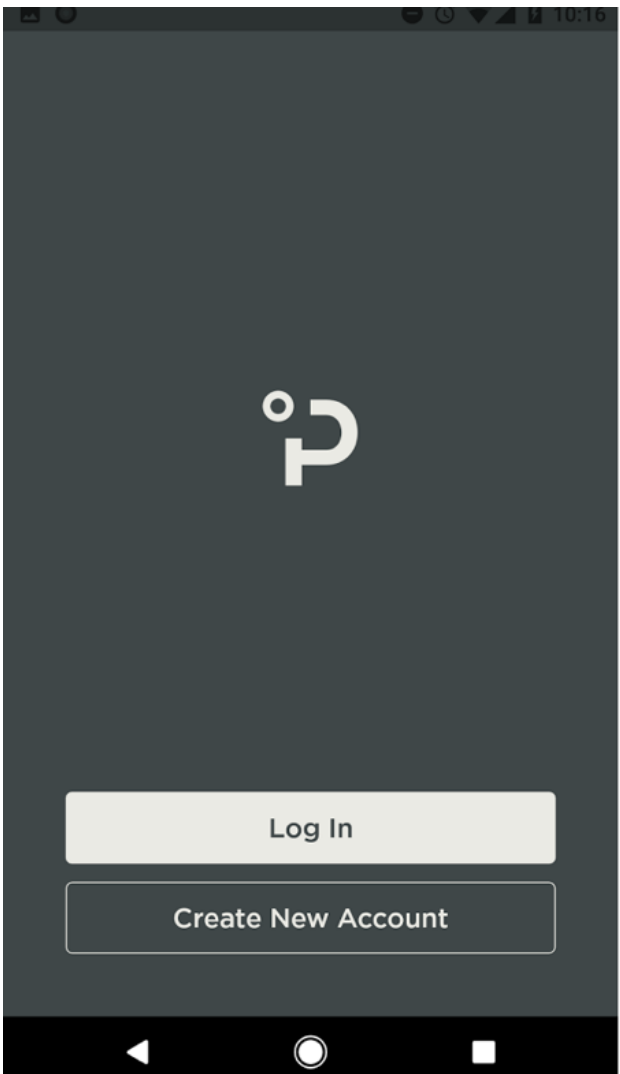




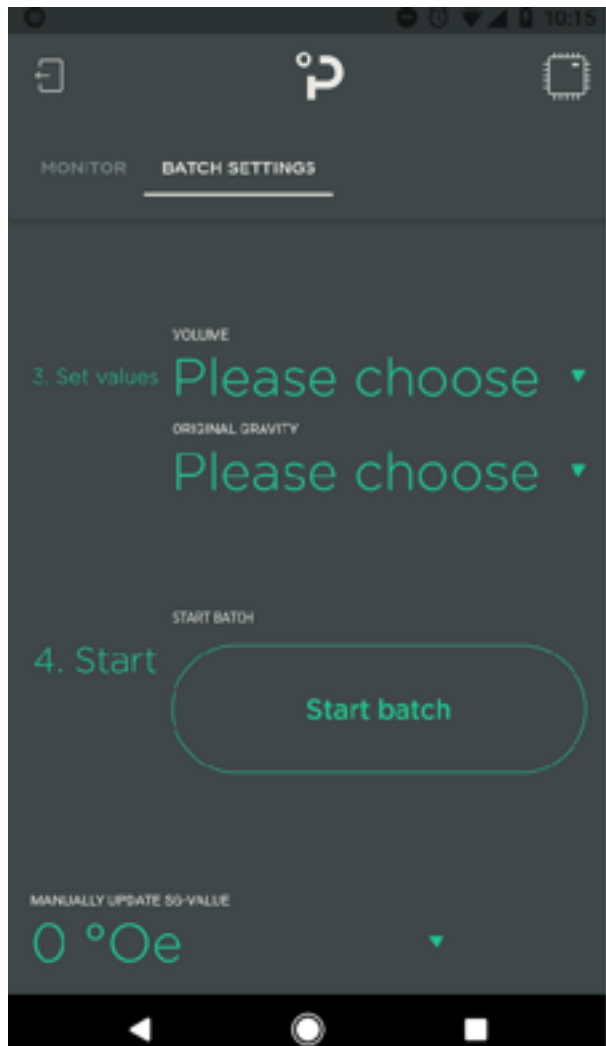
PLAATO App

Starting a new batch

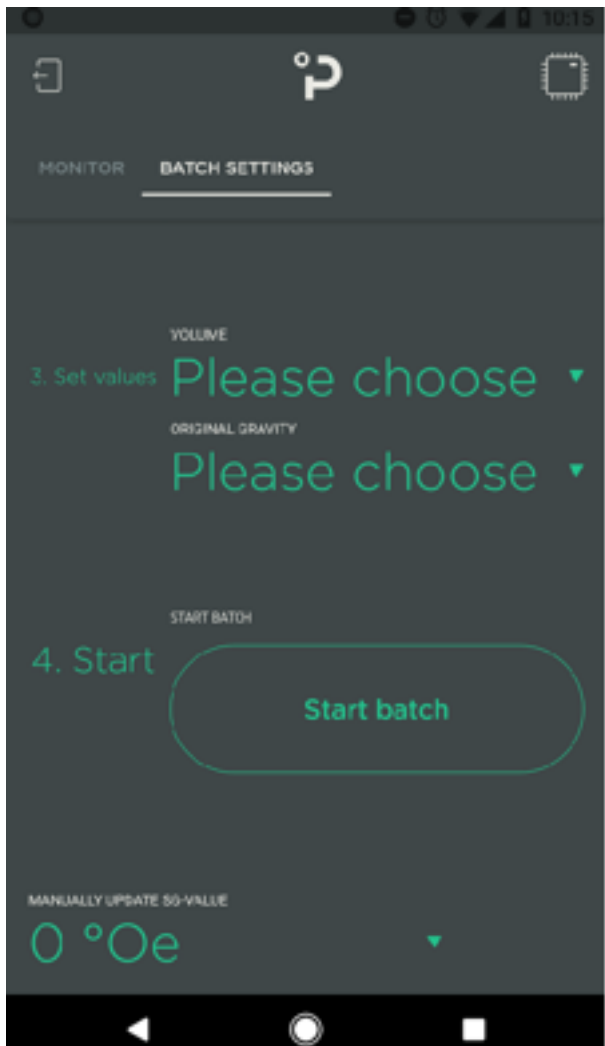
1. Log in



2. Set the desired units



3. Open «Batch Settings». Set volume and Original Gravity of the beer, and press «Start batch».



4. Data from the fermentation are displayed in the «monitor».

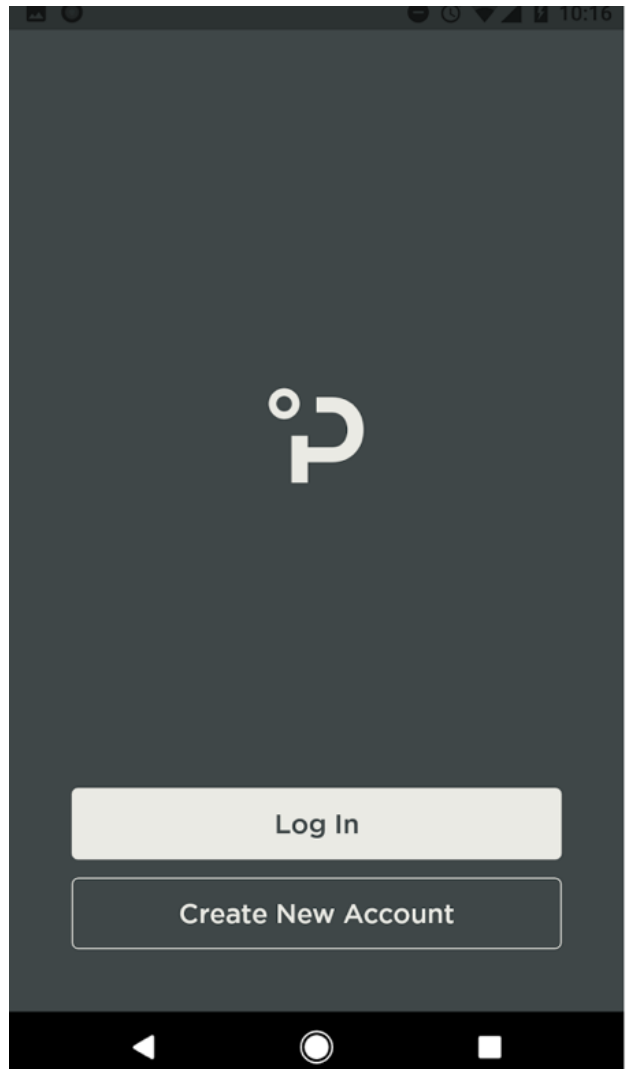




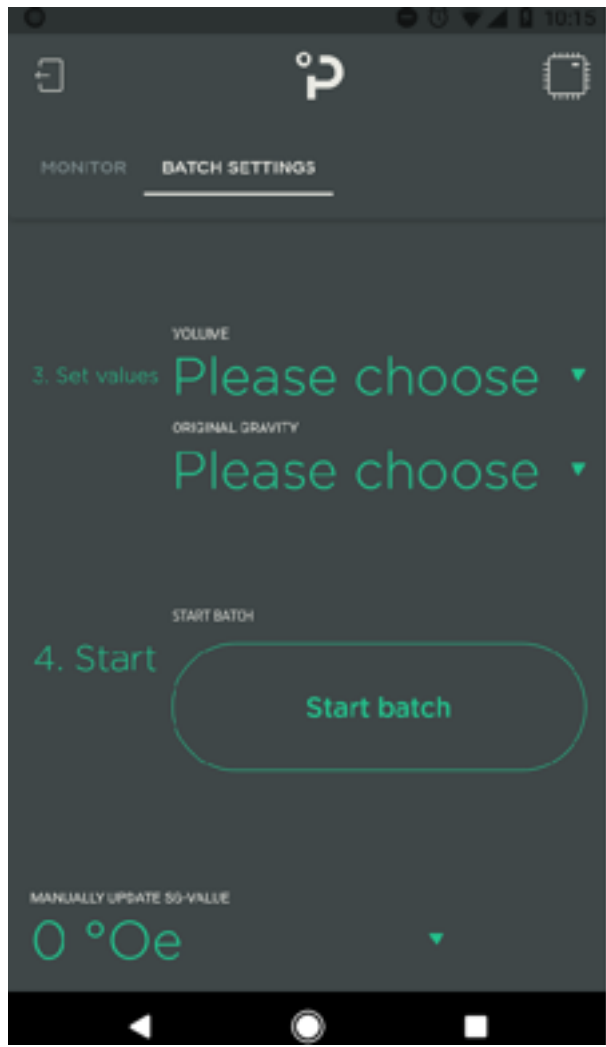
PLAATO App

Functions

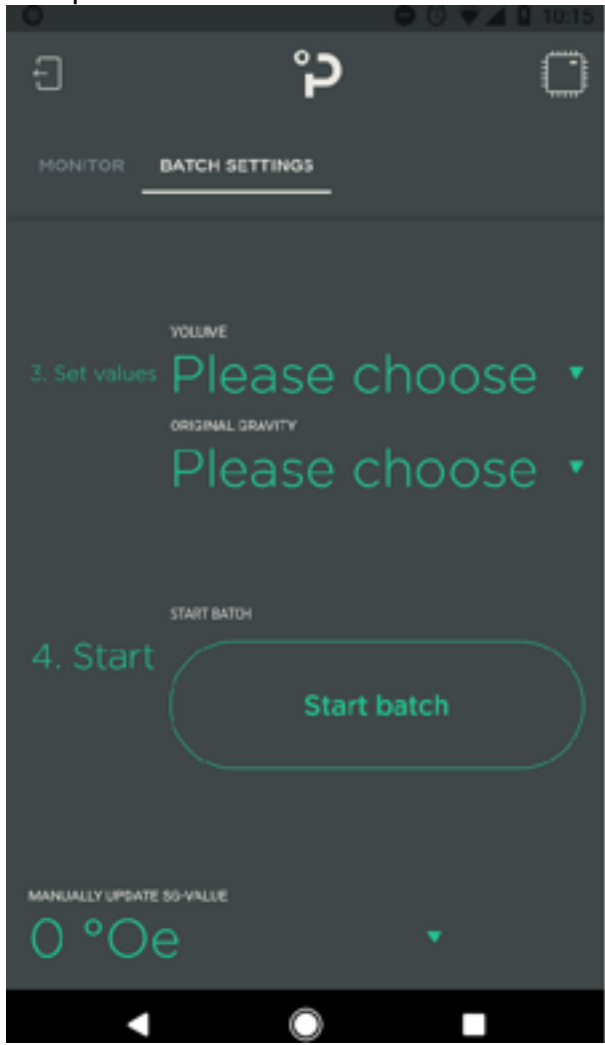
1. Log in



2. Set the desired units



3. Open «Batch Settings». Set volume and Original Gravity of the beer, and press «Start batch».



4. Data from





PLAATO Functions

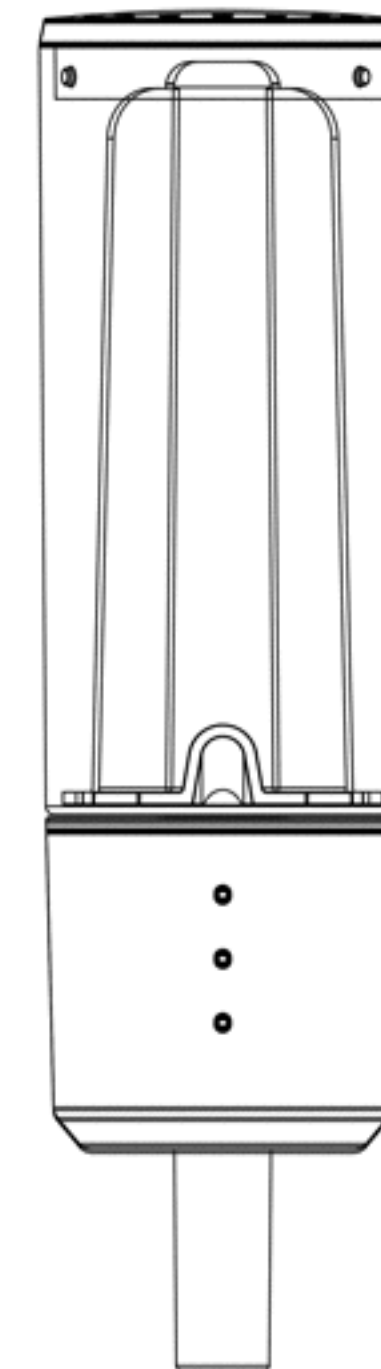
Fermentation activity

The fermentation activity gives information about how fast the yeast is working. Several factors are affected by this number, whereas taste is the most important.

Controlling the activity is one of the key steps that should be taken in order to get good results every time you make beer. The normal and most practical way to adjust is by controlling the fermentation temperature.

The fermentation activity is a valuable piece of information, that can be used to fine tune the fermentation to obtain the desirable taste in different varieties of beer.

By analyzing the taste of a batch and comparing it to the fermentation activity,





PLAATO Functions

Temperature

PLAATO has a built in temperature sensor that monitors the ambient temperature of the fermenter.

Use this information to optimize the temperature during the different stages of fermentation.





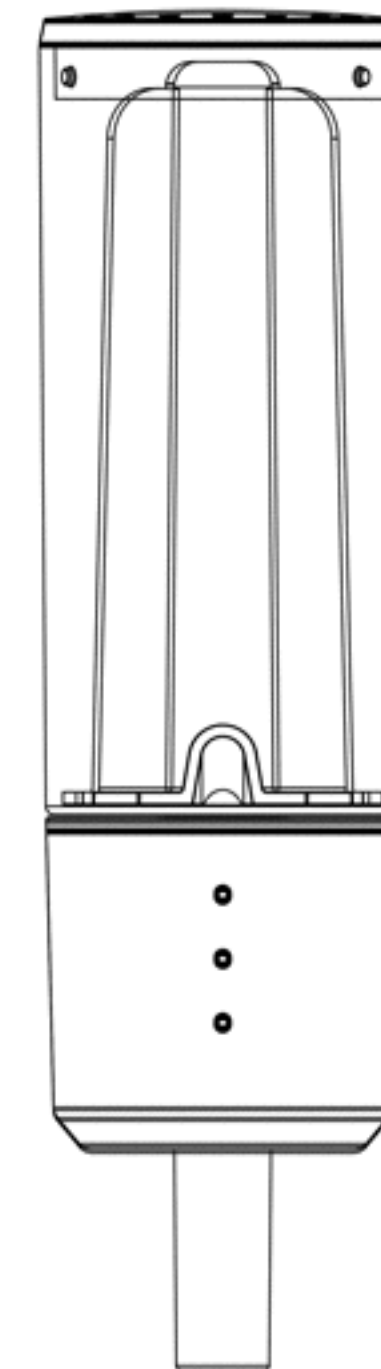
PLAATO Functions

Specific gravity (beta)

PLAATO knows at all times the amount of CO₂ the fermentation has generated. By typing the original gravity and volume into the app, PLAATO is able to estimate the specific gravity (SG) of your beer, without touching the beer.

The SG is valuable to know when your beer is ready, or to see if the fermentation continues as its supposed to. The change in SG is displayed in the history graph in the app - a unique curve to the beer that is in the making.

Note that the estimation functionality is





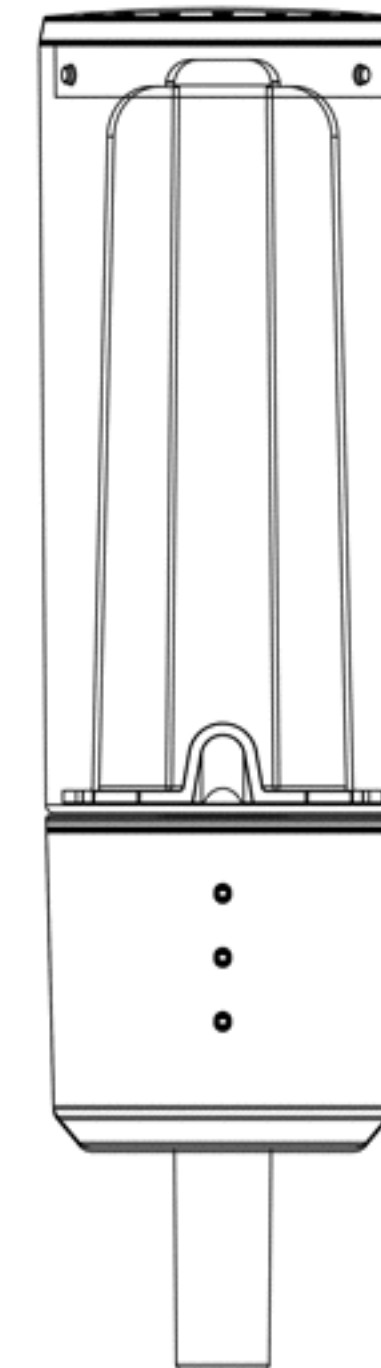
PLAATO Functions

How to reset

Resetting PLAATO can be necessary when the local WiFi-network is changed in any way, or if unexpected problems occurs.

Reset procedure

- 1. Connect PLAATO to power**
One or more of the LEDs on the airlock will lit up
- 2. Remove the «sensor part» (D) from the airlock(A), and flip it up side down**
Keep the power plugged in
- 3. Push the flipped «sensor part» towards the airlock**
Ensure that the tip on airlock connects with the «sensor part», leaving no gap between the two parts
- 4. Reset is completed after 3 seconds when all three LEDs light up**
Plaato is now reset, and a new «first time use»-setup is required before use





Cleaning PLAATO Airlock

1. These parts of the PLAATO Airlock should be cleaned and sanitized regularly

- The *Bubbler (B)*
- The *Main Body (C)*
- The *Lid (A)*

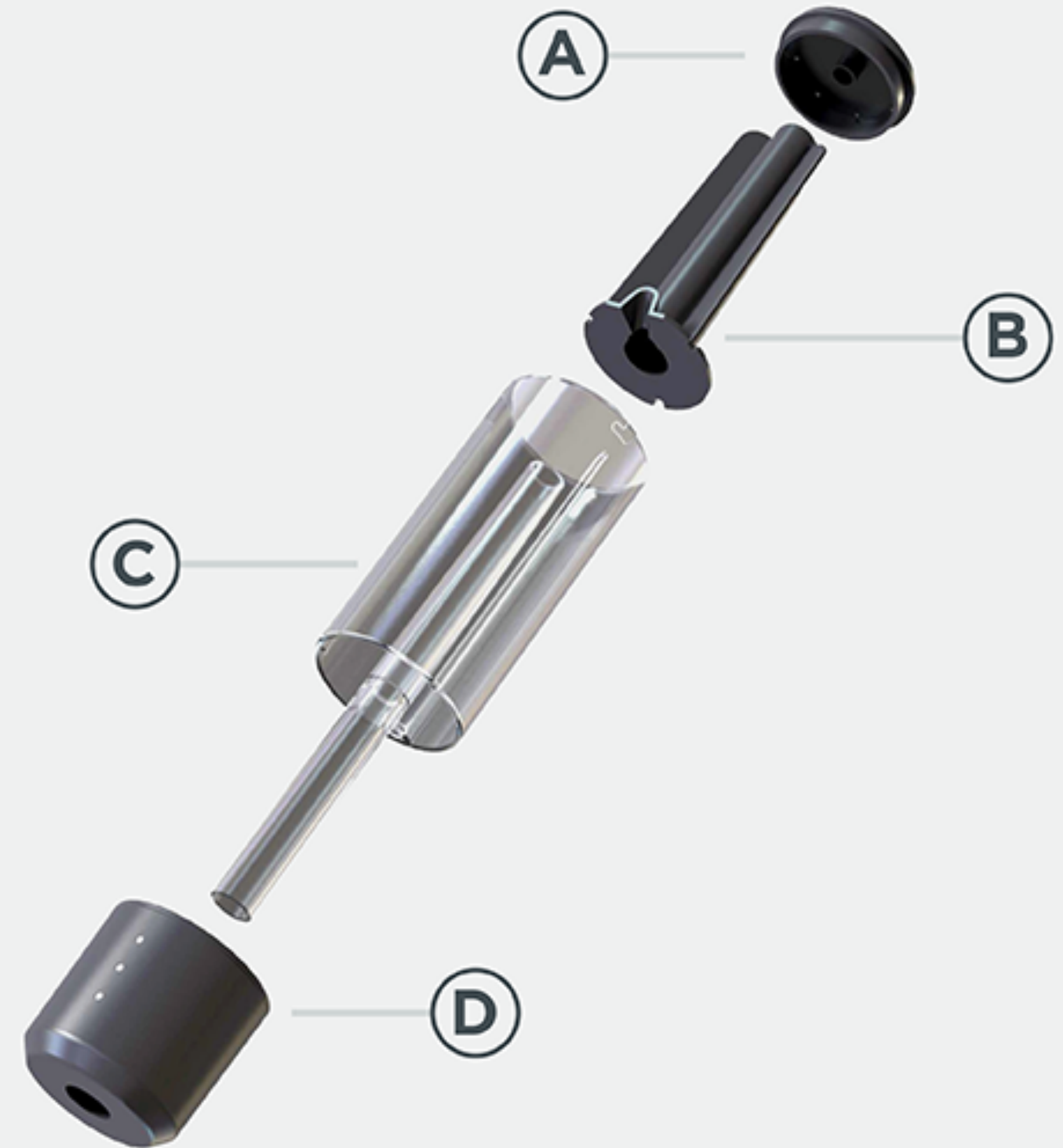
Clean these parts using normal techniques and products, including: PBW, bleach, Star San, One Step or similar

2. The *Sensor Part (D)* is completely separated and does not need cleaning

If cleaning is necessary due to spill, *do not submerge* this part, but clean it with a damp cloth.

Note

Do not wash PLAATO in a dishwasher. Do not use boiling water for cleaning.





Plaato Inc.

PO Box 3168

West Chester, PA 19381

www.plaato.io

FCC Caution:

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 instructions, 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 the 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 a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.