



Effortless Flow Measurement



AVFlow - How To Guide

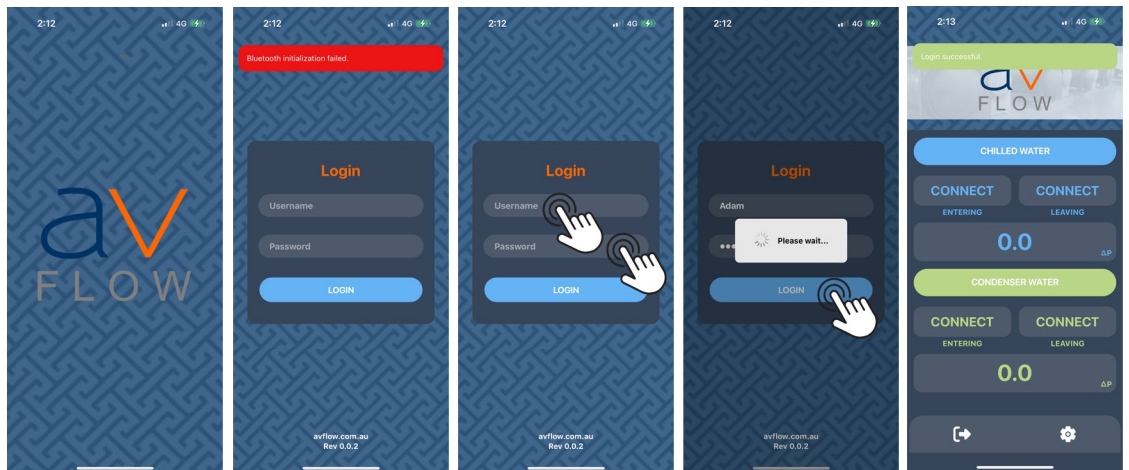
Firstly, download the AVFlow App via the Apple Store for iOS or Google Play for Android.



The current AVFlow revisions are:

- iOS = 4.0.4
- Android = 2.2.4

The AVFlow app is FREE & designed to work with iOS 14.0 & above, & Android 6.0 & above.



1. Open AVFlow by touching the newly installed app icon.
2. You will be presented with the AVFlow opening screen, & then a user login screen.
3. NOTE: You may see "Bluetooth Initialisation Failed" pop-up during first access at the login stage - this is ok.
4. Enter your "Username & Password" (provided by AVFlow Admin), then press "LOGIN".
5. Details will be verified (internet connection required), and a "Login Successful" pop-up will appear & then onto the AVFlow main screen.



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1. AVFlow has been designed to be connected to four (4) AVFlow devices simultaneously.
2. AVFlow devices will be exclusive to only your Login credentials - a maximum of four (4).
3. You can use AVFlow devices for:
 - o Single static pressure measurement - 1 AVFlow
 - o Differential pressure measurement (single pressure vessel) - 2 AVFlows
 - o Differential pressure measurement (two (2) pressure vessels) - 4 AVFlows

The following steps will be used to connect any of your AVFlow devices to the AVFlow app:



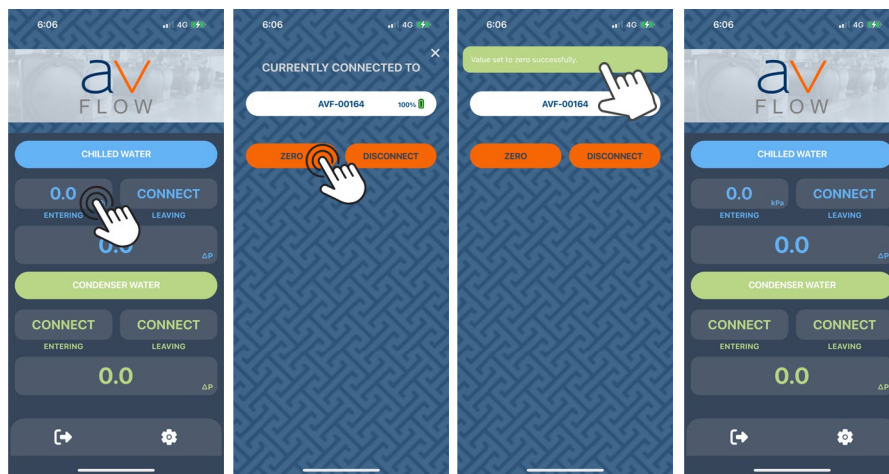
1. Touch the word "CONNECT" at the first position.
2. This will open the AVFlow device page & automatically scan for 60 seconds, finding your allocated AVFlows. You will see a total of four (4) AVF-00000 devices. The numbers listed here will be matched to the number on the front of your AVFlow device.
3. Touch the chosen device number button, then a "Connecting to AVF-00000" pop-up will appear, & once complete, a "Connected to AVF-00000 Successfully" pop-up will appear.
4. Touching the same position will return you to the "Currently Connected To" screen, & you will see the active AVFlow device, Battery %, Zero Calibration & a Disconnect Function.
5. Repeat the same steps to connect all of your AVFlow devices to each remaining position.



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It is always recommended to ensure that your AVFlow device is calibrated to Zero (0.00) before each use. This is a quick & simple process, completed as follows:



1. Touch any of the four (4) positions, & this will open up the "Currently Connected To" page.
2. Touch the "ZERO" button & this will initiate calibration.
3. Once completed, the "Value Set To Zero Successfully" pop-up will appear.
4. You can now return back to the main screen by touching the "X" in the top right-hand corner of the screen.
5. Due to the high sensitivity & accuracy of the sensor within the AVFlow device, you will see the occasional bounce between 0.0 / 0.69 / -0.69 - this is normal across all AVFlow devices.




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You may want to change the current position of the AVFlow device to any of the remaining three (3) positions. This is a simple process & is performed as follows:



1. Touch any of the active AVFlow positions you would like to disconnect, & this will open up the "Currently Connected To" page.
2. Touch the "DISCONNECT" button & this will initiate disconnection.
3. Once completed, the "Device Disconnected" pop-up will appear & you will automatically be returned back to the main screen.
4. The position will display the old pressure reading in **RED** with a broken link icon .

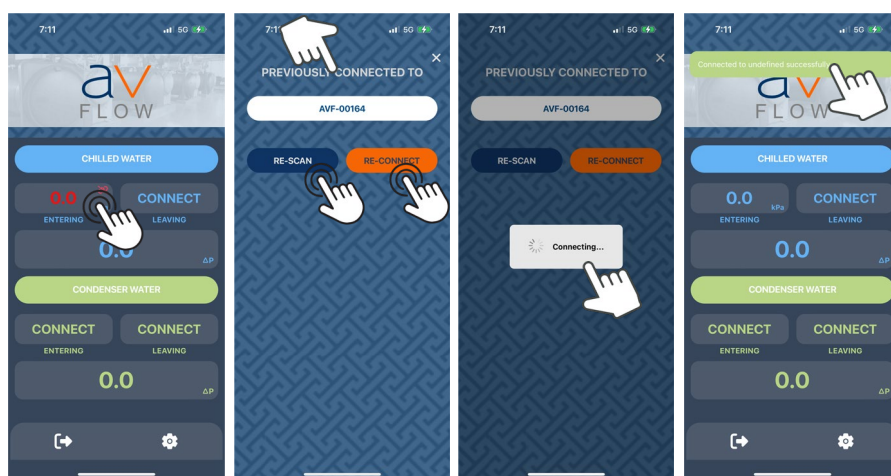


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How to Re-connect to an AVFlow Device:

Re-connection to an AVFlow device may be required should you walk out of range, or the Idle Time setting has reached its countdown limit. Reconnection is a simple process & is performed as follows:



1. Touch any of the **RED** non-active AVFlow positions you would like to reconnect, & this will open up the "Previously Connected To" page.
2. This page will display the last connected AVFlow device to this position.
3. You can either touch "RE-SCAN" to connect to a new AVFlow device, or you can touch "RE-CONNECT" to connect to the last selected AVFlow device.
4. Touch the "RE-CONNECT" button & this will initiate re-connection, with a "Connecting" pop-up appearing.
5. Once completed, the "Device Connected" pop-up will appear & you will automatically be returned back to the main screen.
6. The position will display the new active pressure reading.



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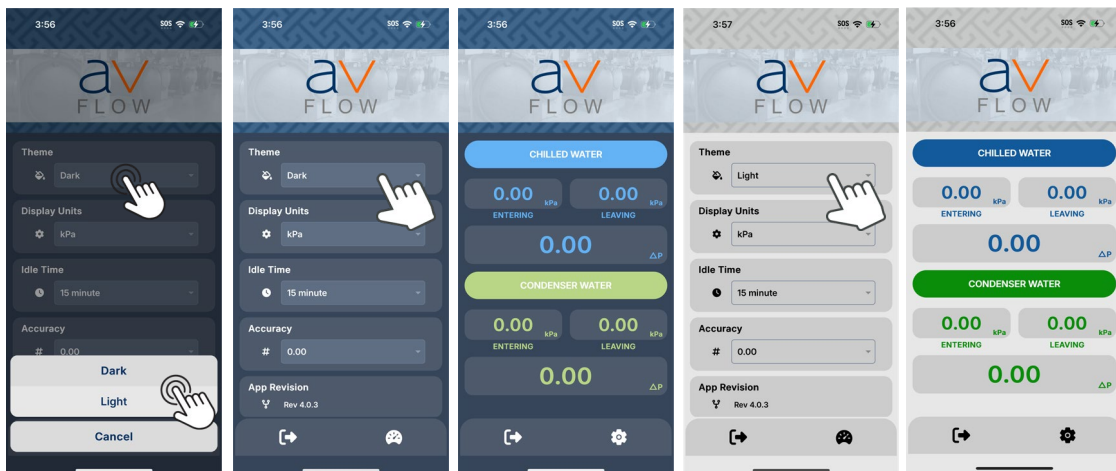
Settings | Options for AVFlow Use:

There are a variety of options on the Settings Tab. These are as follows:

- Theme:

Light

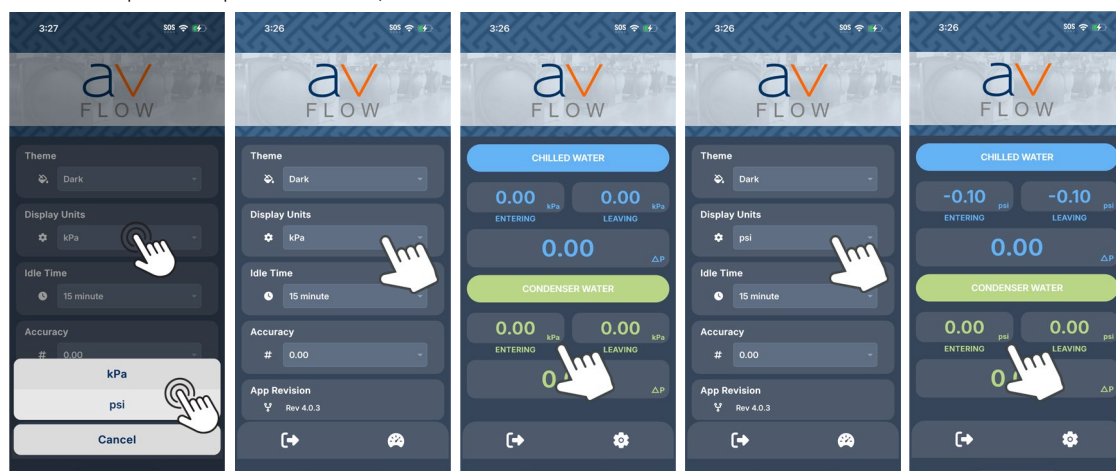
Dark (default)



- Display Units:

kPa (kilopascals)

PSI (pounds per square inch)





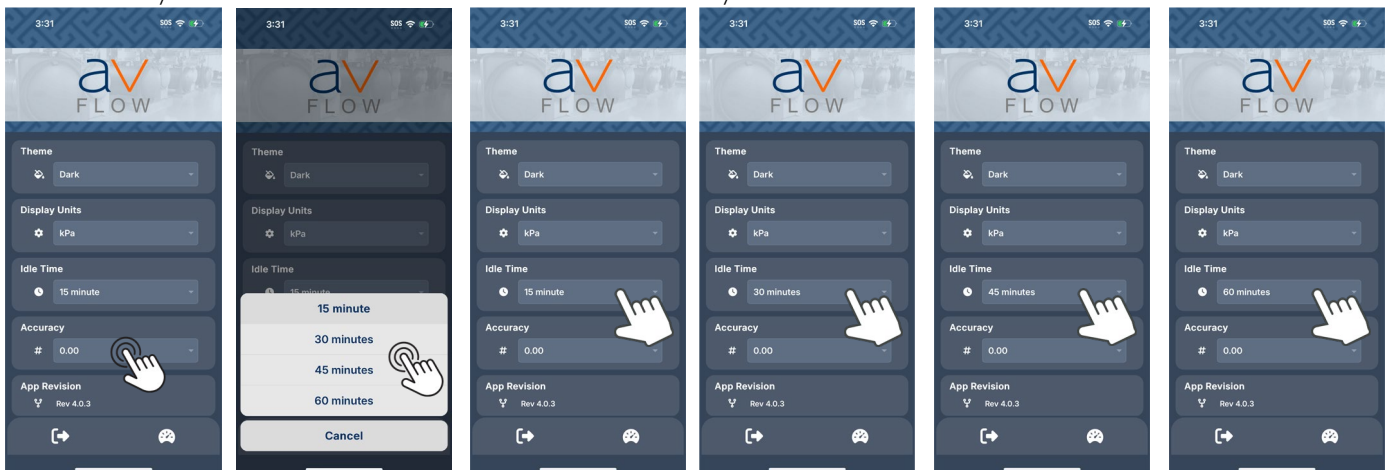
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Settings | Options for AVFlow Use:

- **Idle Time:**

Set in 15-minute increments, this option automatically disconnects all AVFlow Transducers from your Bluetooth device after the selected duration, helping to extend battery life for both the transducers and your mobile device.



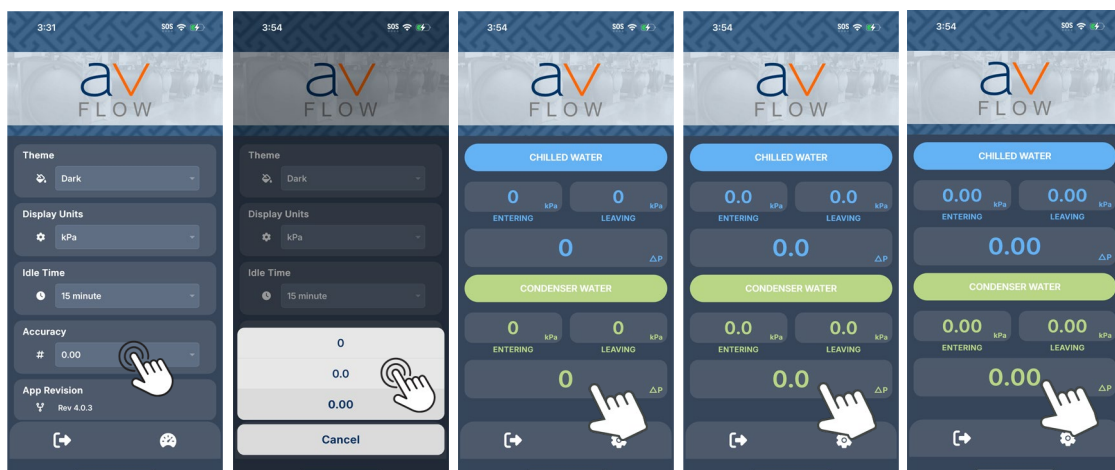
- **Accuracy:**

This setting adjusts the level of precision shown for the calculated ΔP (Delta P) value on the main tab.

0 - Whole number (no decimal places)

0.0 - One decimal place

0.00 - Two decimal places





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Settings | Options for AVFlow Use:

- App Revision:

The AVFlow app is designed to automatically update, ensuring you always have the latest features and improvements - with no need for manual checks or downloads. You can confirm the latest app version anytime by visiting our website.

