

AirPatrol WiFi Version 2

Full Manual

for Android

V4.2



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Installation tips

Router/WiFi connection:

- Enable 2.4GHz bandwidth only
- Make sure network has WPA-PSK or WPA2-PSK security mode
- Special characters (e.g. "&", "-", etc.) in WiFi password are not supported

In case setup fails:

- Do a full reset to controller by pressing **Test** and **Pairing** buttons at the same time until Power LED starts to blink
- Do the setup closer to the router



What AirPatrol WiFi does?

AirPatrol WiFi is a heat pump and air conditioner (AC) controller you operate with a smart phone or tablet. It is compatible with all major manufacturers' ACs and smartphones. (see www.airpatrol.eu for the complete list)

The easiest way to use AirPatrol WiFi is with a Smartphone, using the AirPatrol app downloadable from Google Play (for Android phones) or App Store (for iPhone). AirPatrol WiFi allows you to have long distance control over the mode of the pump, room temperature, fan speed and mode settings. AirPatrol WiFi can also inform you about high or low room temperature and humidity, air conditioner / heat pump service intervals, connection failures.



Lights and buttons

The controller has 4 LED indicators and 2 buttons for easy setup. It also has hidden infrared (IR)LEDs that transmit your commands to the AC and IR receiver for auto-detection and custom presets.

LED 1 - Power

on – switched on

blinking – software updating

off – switched off

LED 2 – IR (InfraRed) LED

on – transmitting IR signal

LED 3 – WiFi connection LED

on – connected with access point and internet

blinking – starting connection or no connection to internet

off – no connection

LED 4 - Pairing

on – pairing mode active

off – pairing mode inactive



PAIRING button

Use the PAIRING button to pair your phone or tablet with AirPatrol controller by following the steps described in mobile application.

TEST button

Short push turns the AC or heat pump ON/OFF. Use the TEST button to confirm that the IR beam from the controller reaches the heat pump.

NB! Hold both buttons for 5 seconds to make full reset.



WiFi Network

- AirPatrol WiFi requires a router that is compatible with IEEE 802.11 b/g/n standards
- Only IEEE 802.11a/ac (and other, more exotic 802.11) standards are not supported
- AirPatrol WiFi supports WPA-PSK and WPA2-PSK security modes
- Only 2.4GHz band is supported (5GHz band is not supported)
- Make sure you have good WiFi signal at the location you are installing AirPatrol controller



Installing AirPatrol WiFi

AirPatrol WiFi should be mounted near AC's or heat pump's indoor unit, with its IR transmitter pointing to the unit. This way the IR beam reaches the AC's sensor most efficiently.

All mounting configurations are possible as long as IR transmission from the controller to the pump works.

NB! Thick carpets and dark floors can distort the IR beam. Make sure the IR beam reaches the pump's sensor by using the controller's Test function.

To see if AirPatrol WiFi can send commands to your AC or heat pump, turn off the pump and press the controller's TEST button. When the connection is established, AirPatrol WiFi turns the pump on with its last settings and you can proceed using the controller.



First please follow Quick Guide steps:

- 1 Place and plug in AirPatrol WiFi near your AC / heat pump. Use the Test button to make sure AirPatrol can communicate with the AC.

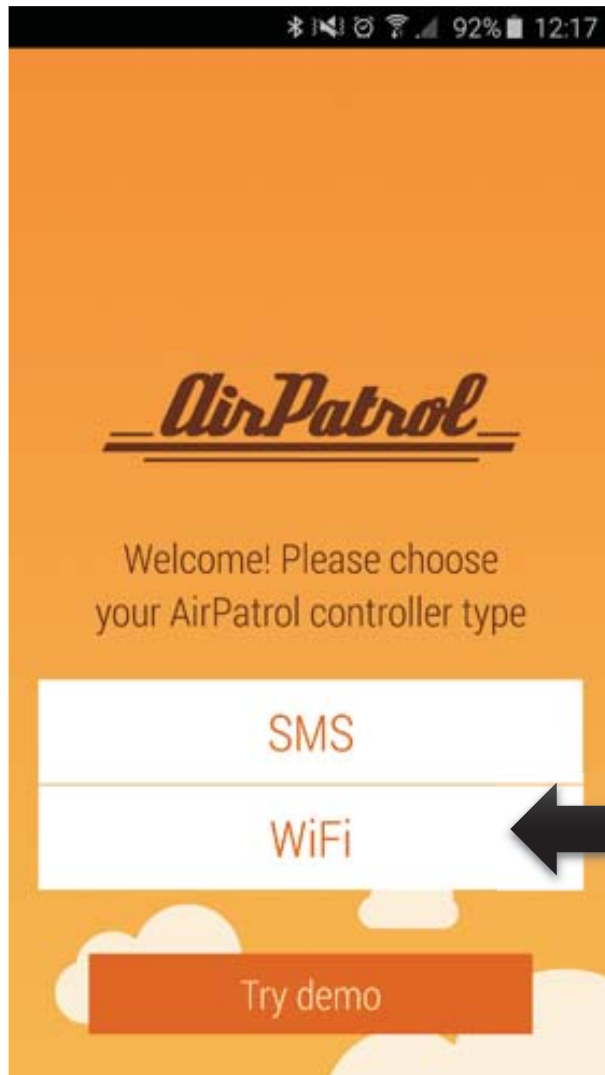


- 2 Download the app from Play Store / App Store.



- 3 Pair AirPatrol WiFi with your phone and follow the instructions from there.





AirPatrol WiFi Setup

Start AirPatrol app and choose WiFi as controller type.



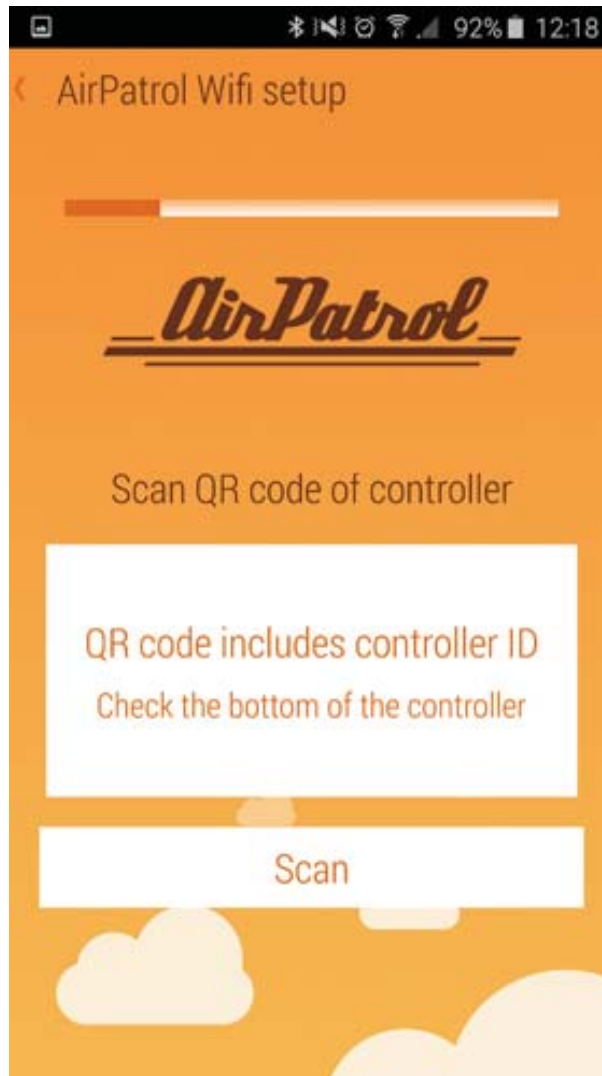
AirPatrol WiFi Setup

1

Controller ID

Scan the QR code under your AirPatrol WiFi controller.

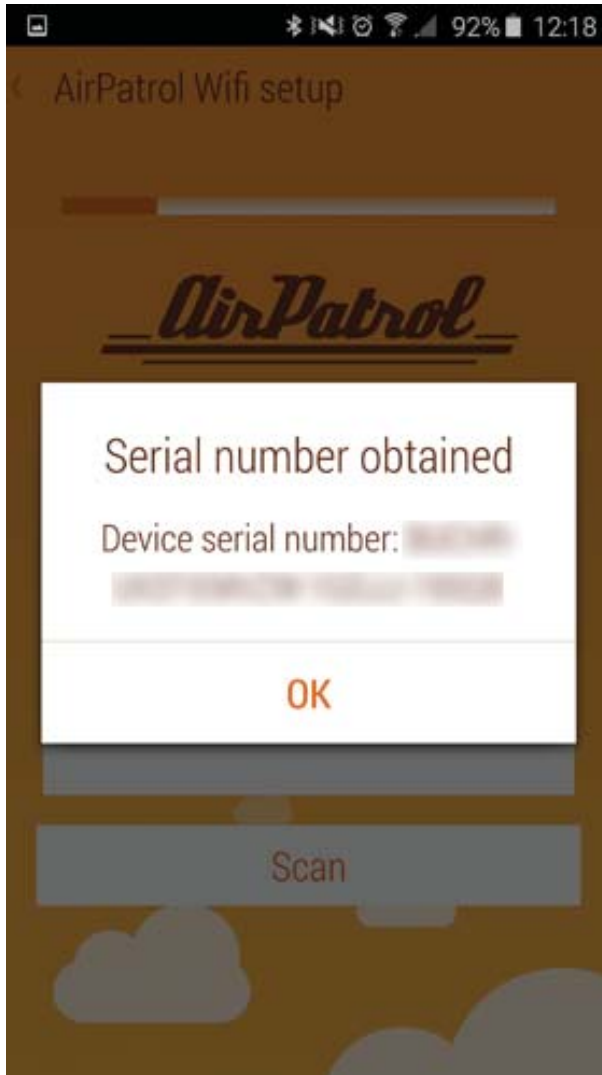
Do not worry if you cannot read the QR code, you can enter the ID manually.



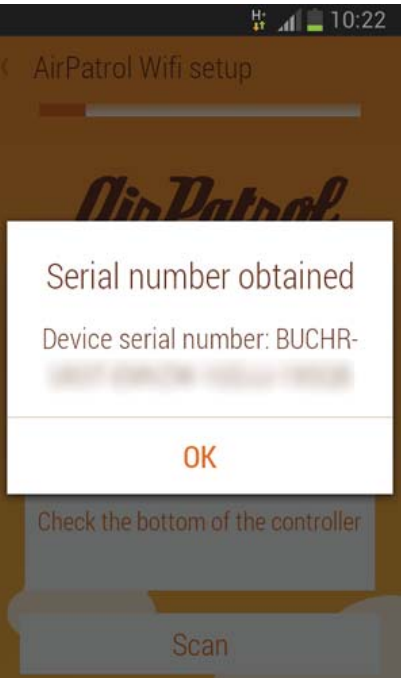
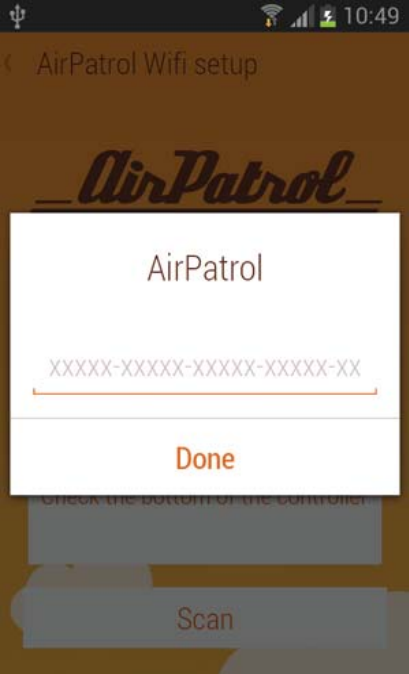
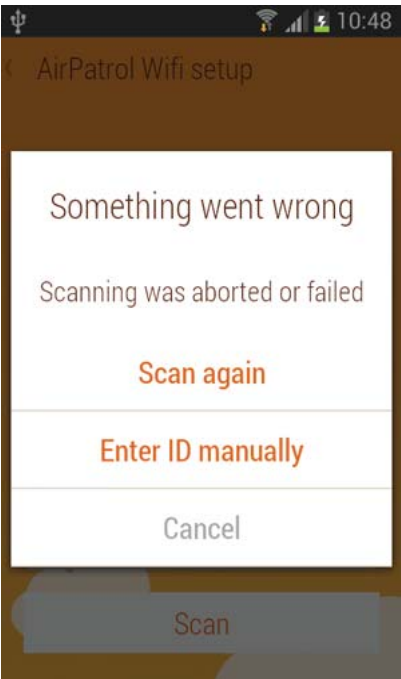
AirPatrol WiFi Setup

1.1 Controller ID

App will notify you if QR code scanning was successful and you can proceed to the next step.



In case QR code scanning was unsuccessful:



AirPatrol WiFi Setup

1.1.1 Controller ID

In case something went wrong or you are unable to scan QR code you can either choose scan again or enter ID manually.

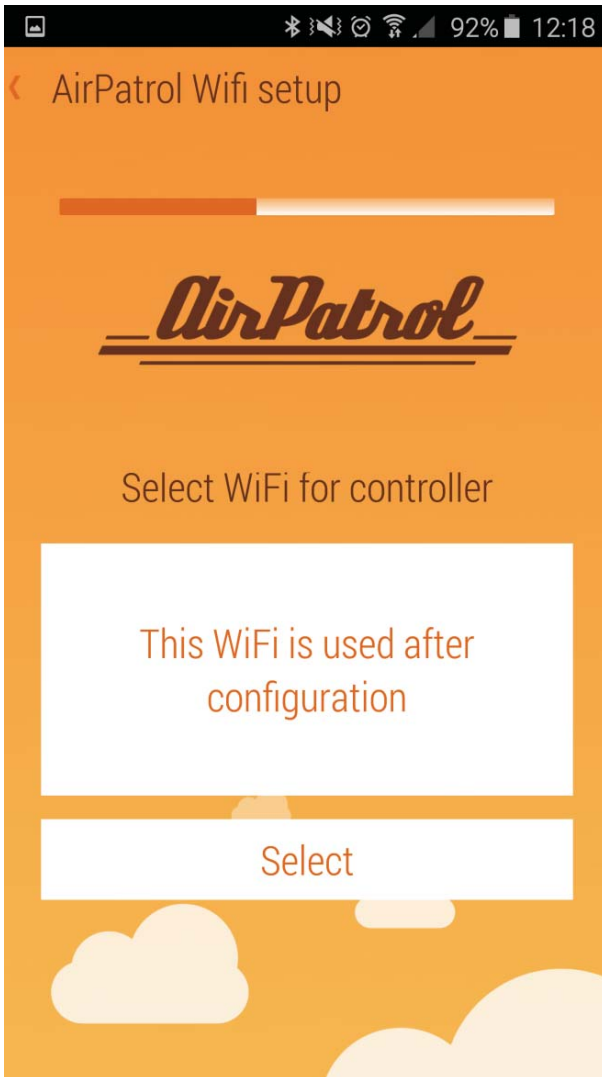
1.1.2 Controller ID

Entering ID manually - please type the ID code of your controller. It is located under the controller just below the QR code.

1.1.3 Controller ID

Manually choose your controller hardware version from drop down list.





AirPatrol WiFi Setup

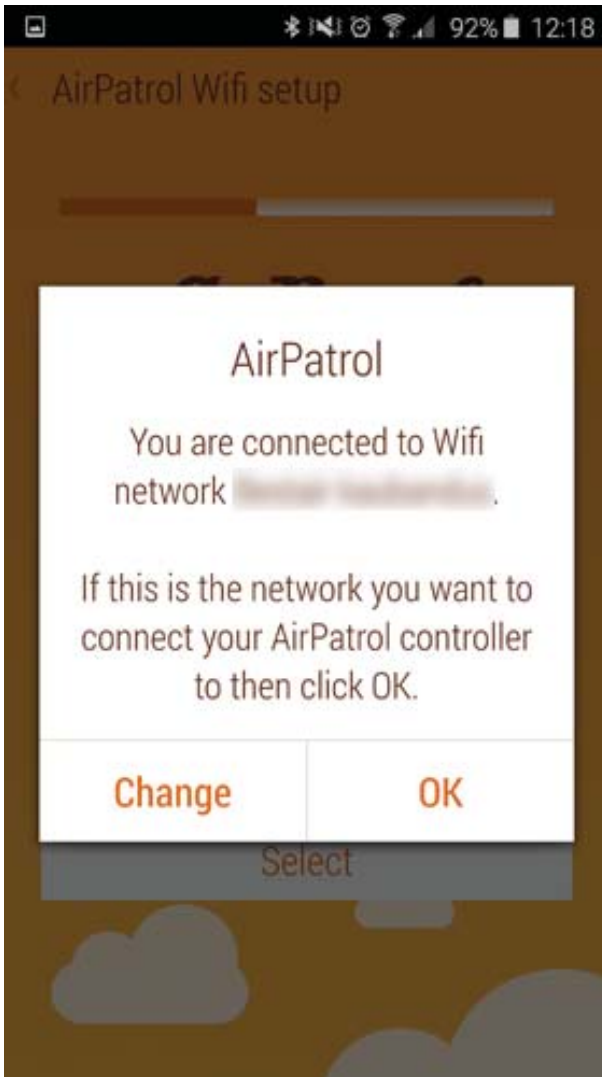
2

Connecting to WiFi & pairing

Select WiFi for your AirPatrol controller.

This is the WiFi network your AirPatrol controller will use for communication (for example your home WiFi)



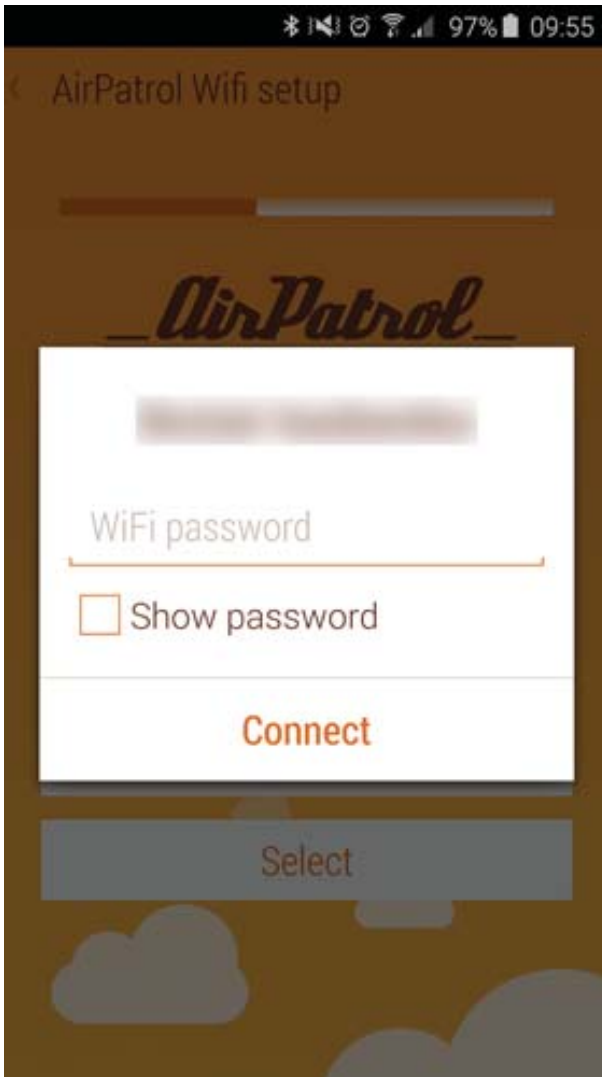


AirPatrol WiFi Setup

2.1 Connecting to WiFi & pairing

The app will check if you are already connected to WiFi network and suggests to connect to this network or change to another WiFi network.



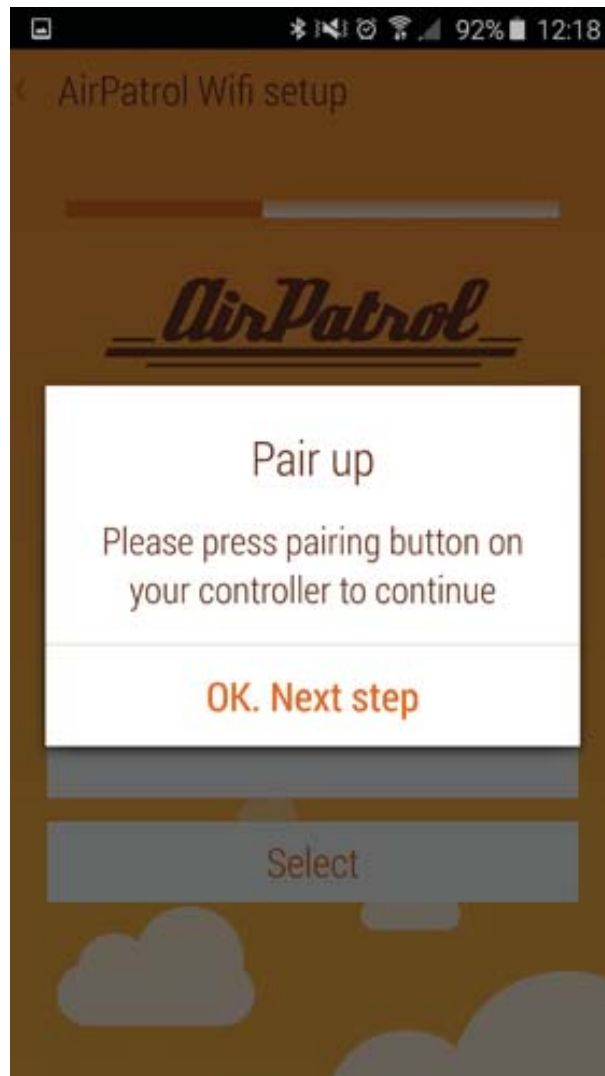


AirPatrol WiFi Setup

2.2 Connecting to WiFi & pairing

You will be then asked to enter your WiFi network password.





AirPatrol WiFi Setup

2.3 Connecting to WiFi & pairing

Next you will be asked to pair AirPatrol App with AirPatrol WiFi controller.

Pairing LED will light up





AirPatrol WiFi Setup

2.4

Connecting to WiFi & pairing

Next you will be asked to select temporary WiFi network for the pairing process.

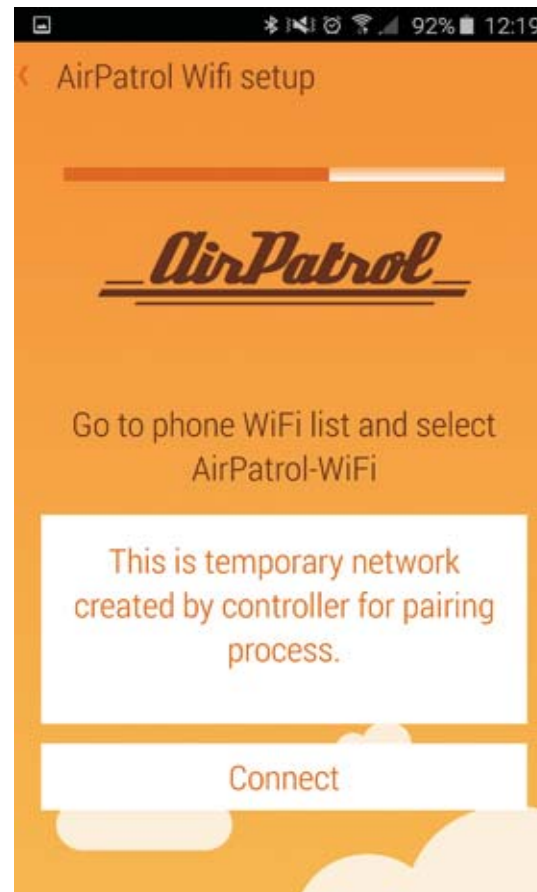
AirPatrol controller creates temporary WiFi to receive network information from your smartphone.





Next choose the temporary WiFi network created by the controller.

After connection is established return to AirPatrol app by pressing the **BACK** button.



In the app press the Connect button.

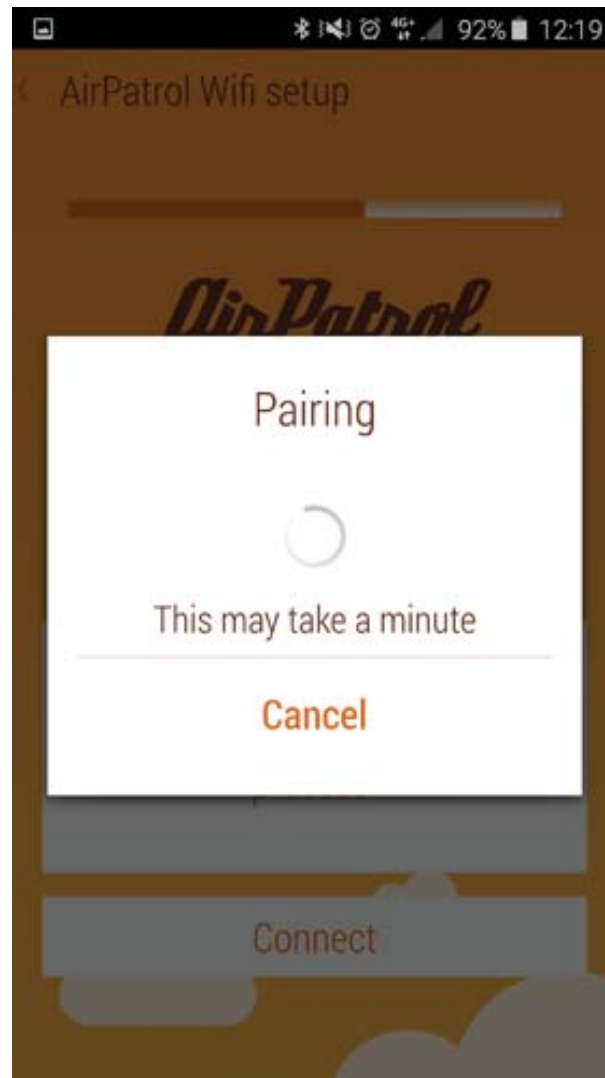
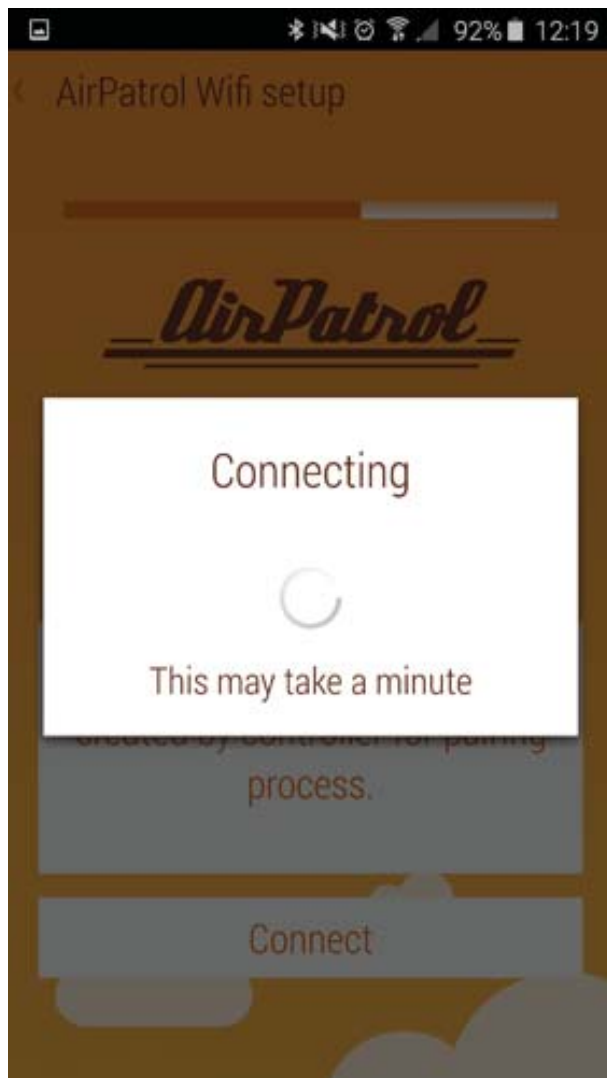
WiFi LED will turn on.

AirPatrol WiFi Setup

2.5

Connecting to WiFi & pairing





AirPatrol WiFi Setup

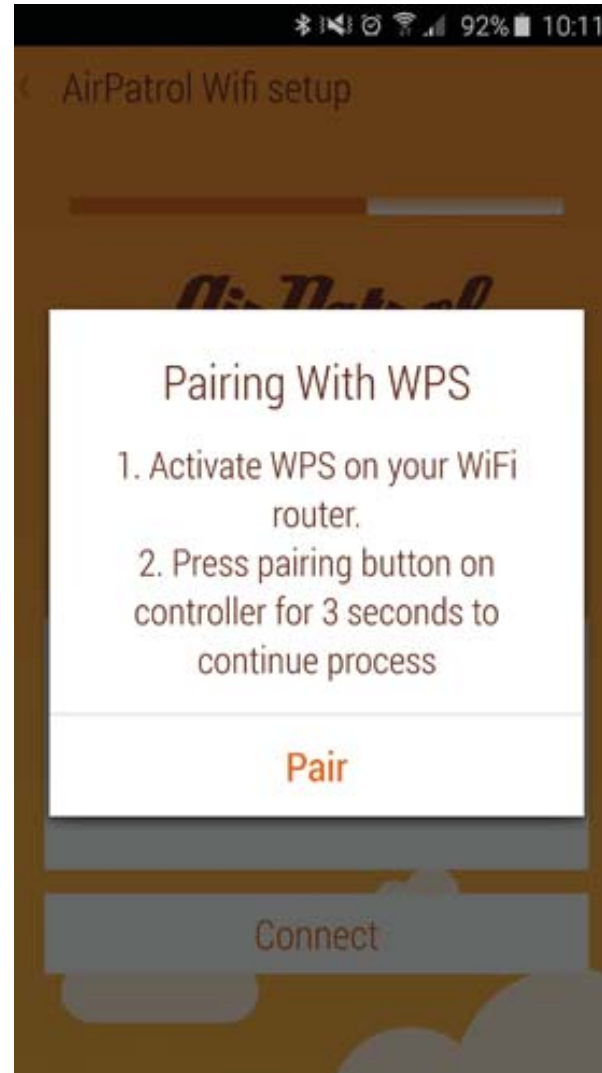
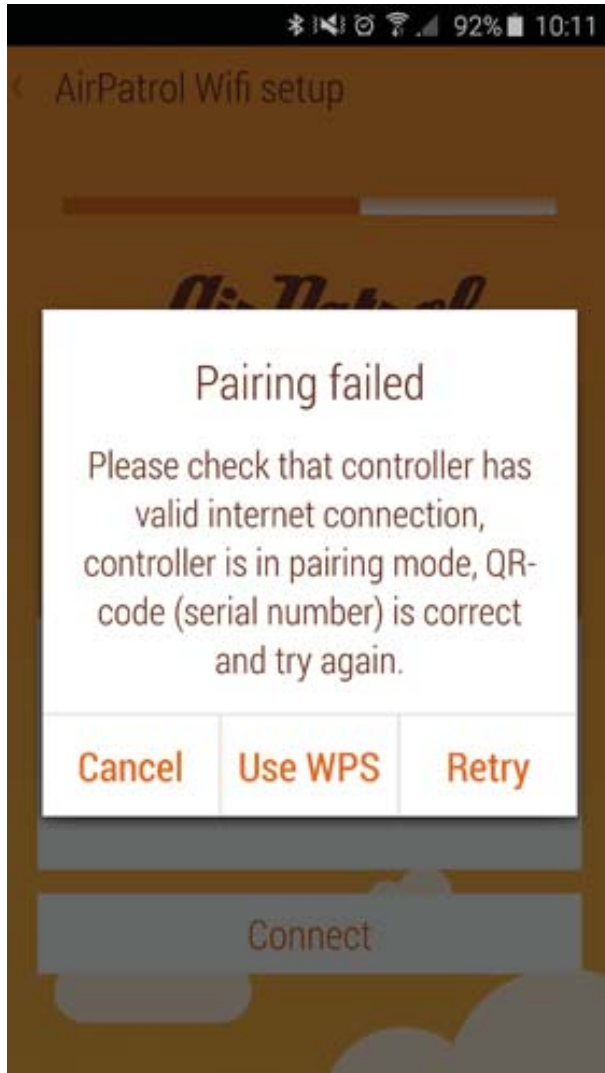
2.6

Connecting to WiFi & pairing

AirPatrol controller is now connecting to WiFi network.

After that your controller starts pairing with your smartphone.





AirPatrol WiFi Setup

2.7

Connecting to WiFi & pairing

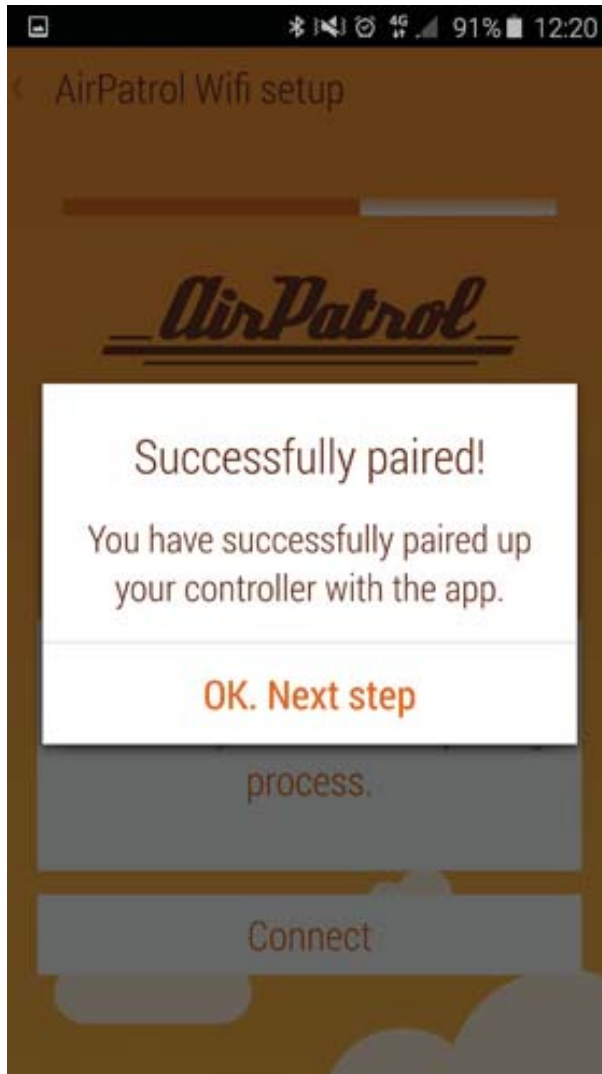
If the pairing process failed then:

A) Check that WiFi password was entered correctly.

OR

B) Activate WPS on your WiFi router and press pairing button on your AirPatrol controller.





AirPatrol WiFi Setup

2.8

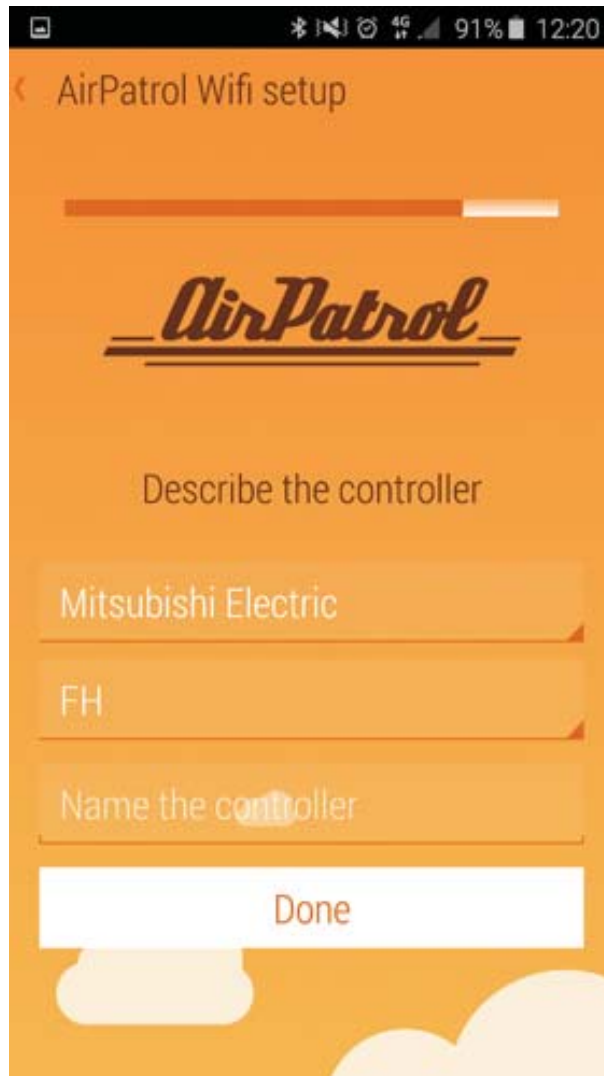
Connecting to WiFi & pairing

You will be notified when pairing is successful.

Pairing LED will turn off.

Only Power and WiFi LEDs are on.





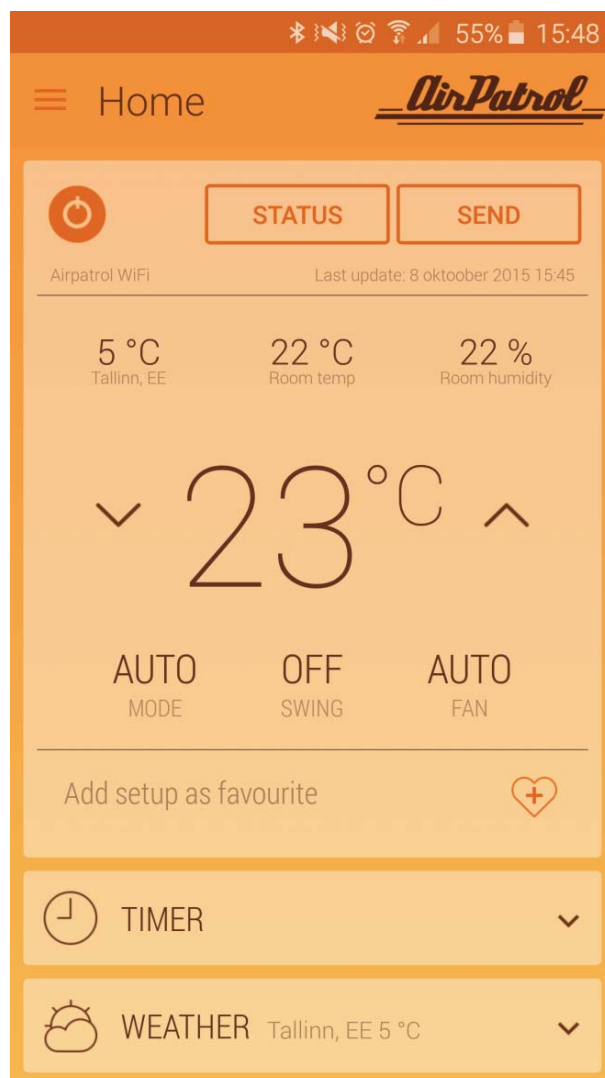
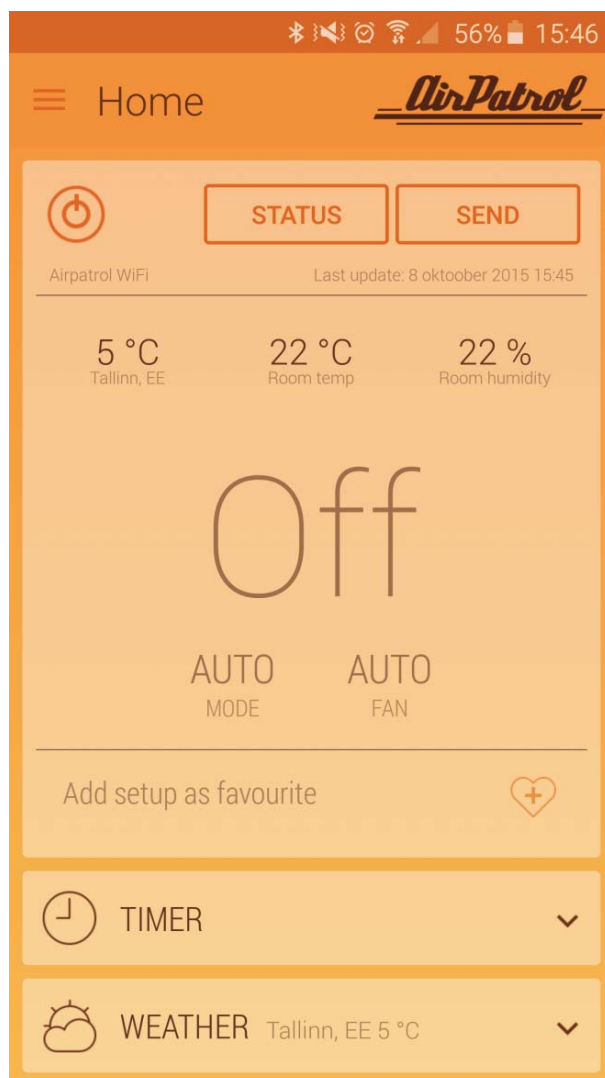
AirPatrol WiFi Setup

3 Information

In the last step you are asked to select your AC brand, model and give it a name.

After that press DONE.





AirPatrol WiFi Main view

This is the main view for AirPatrol App.

Press the Power button at the top left corner to turn your heat pump ON/OFF.



Sending commands

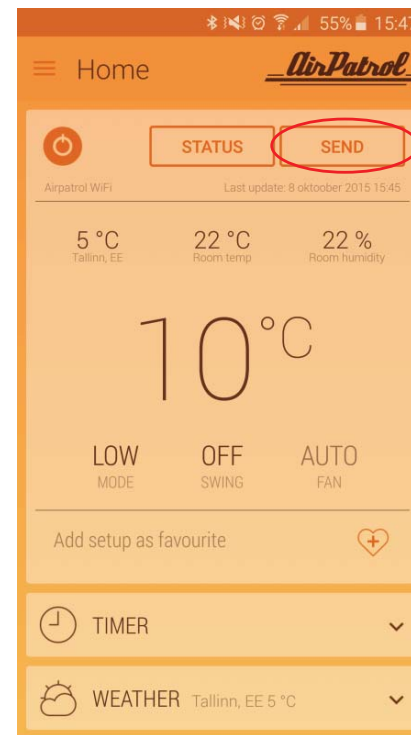
Sending commands is easy, just select your desired settings and push send button.
For example setting LOW HEAT mode:



1. Make sure the
ON/OFF switch is ON



2. Select MODE and
LOW HEAT



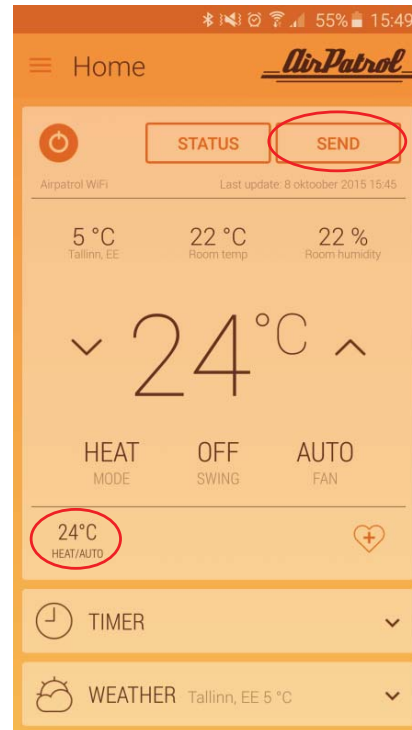
3. Press SEND button



Add / delete favourites



1. Choose your favourite settings and push the add favourite button.



2. To activate the favourite just select it from the favourites bar and press Send.



3. To delete favourite select it and press delete favourite button.

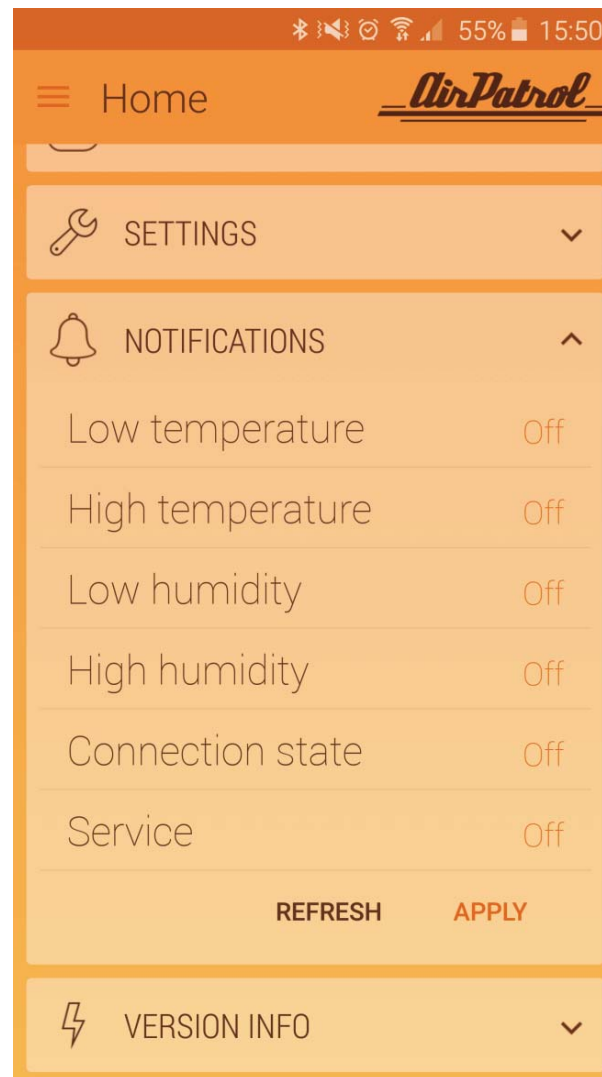
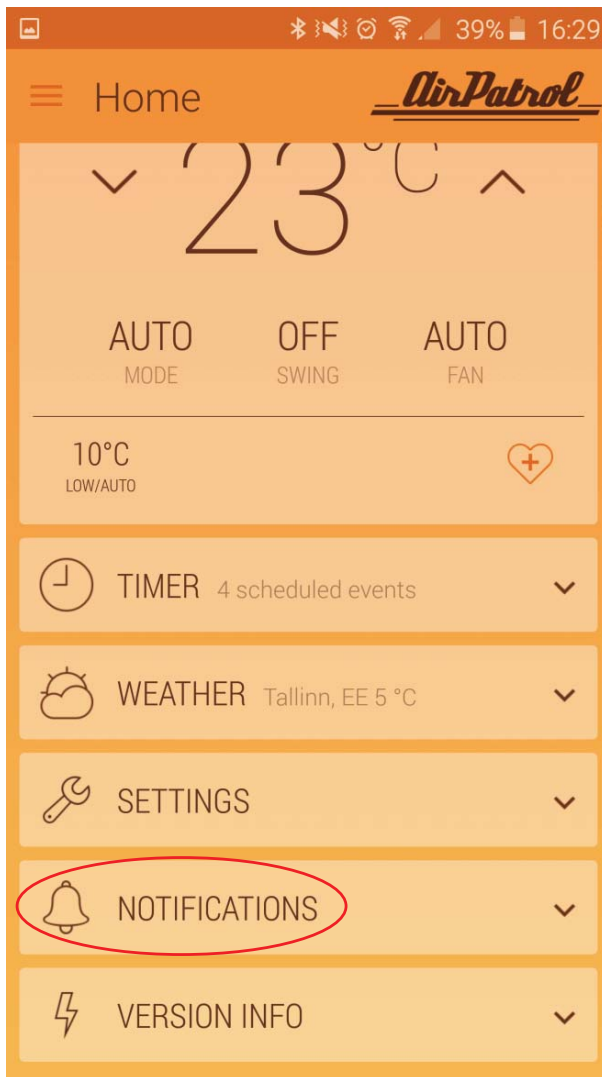


Alarms settings

1 Notifications menu

To manage alarms, press the Notifications menu on the main view.

List of all the alarms is displayed for you. Alarms are set OFF by default.

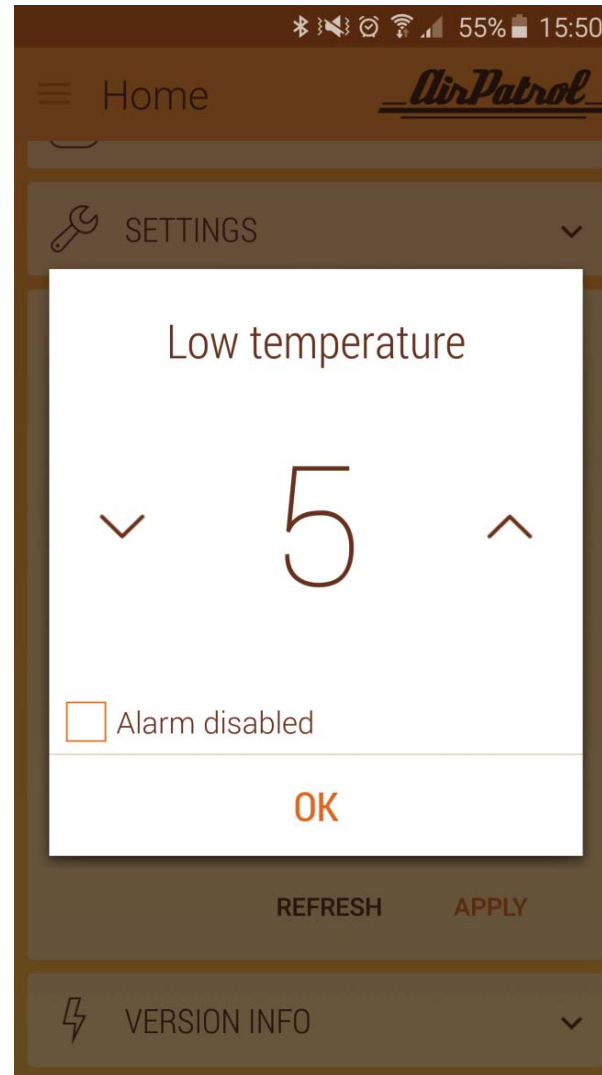
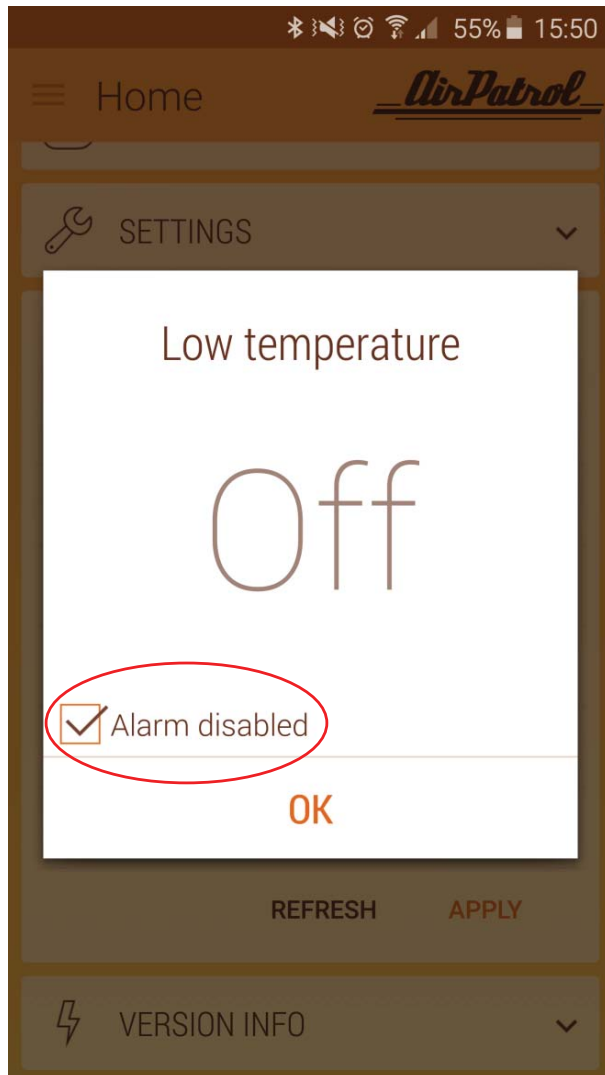


Alarms settings

2 Alarms setup

In order to turn alarm ON just press on it and remove the tick from "Alarm disabled" box.

After that you can use up/down arrows to select the temperature that you would like to set the alarm trigger.

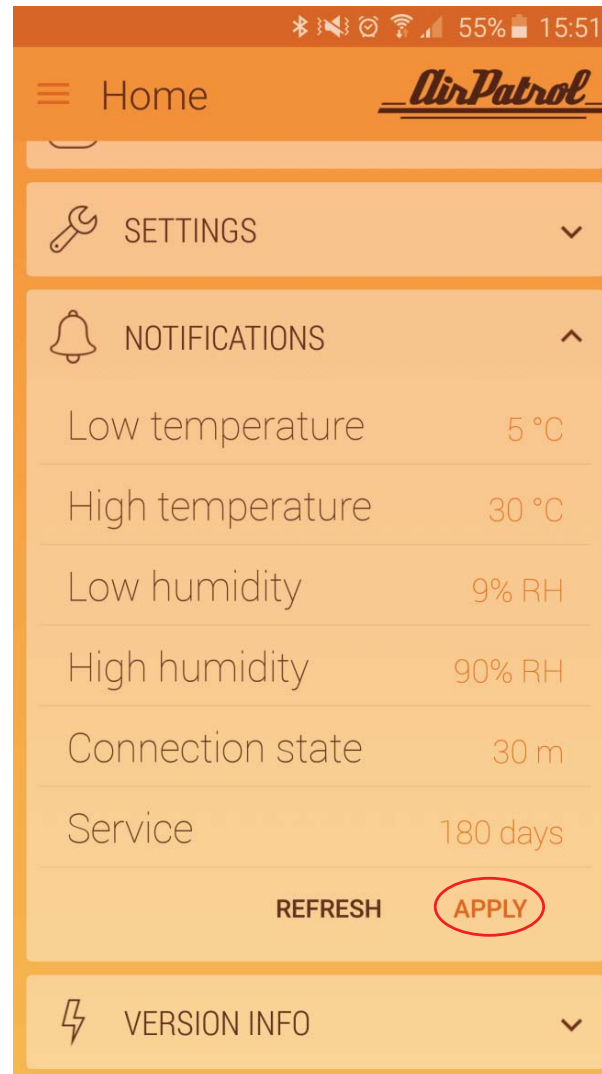
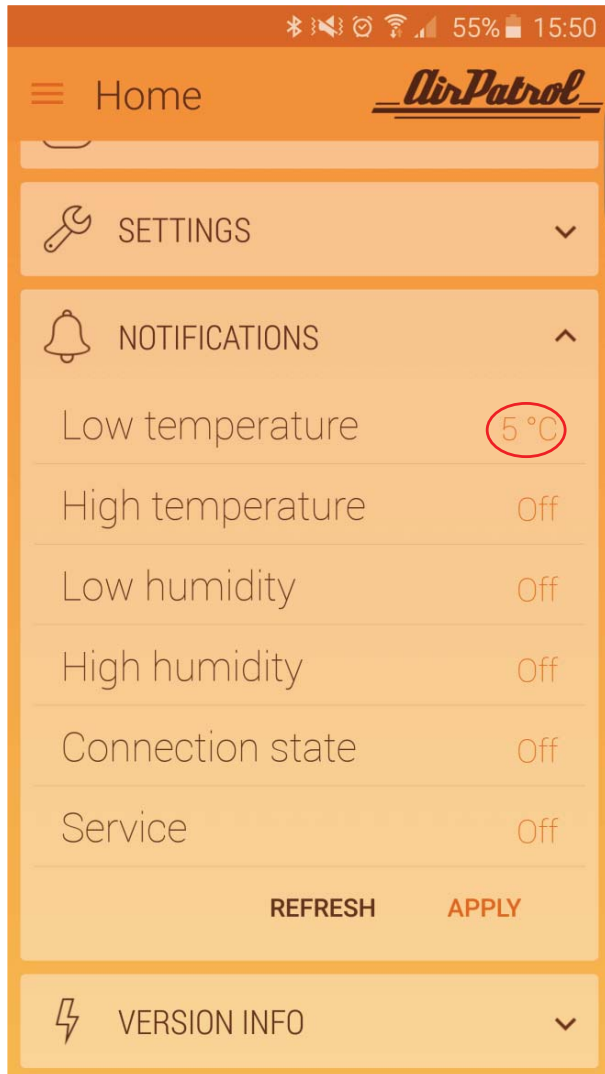


Alarms settings

3 Alarms setup

After setting an alarm it will be displayed in alarms menu as well.

To confirm all settings press **Apply**. All values are then sent to the controller and are applied.



Local weather report

To see local weather report select Weather from the main view.

You are then able to search your local region or any other location you like.

The region you select will be shown in more detail and also later in the main view.

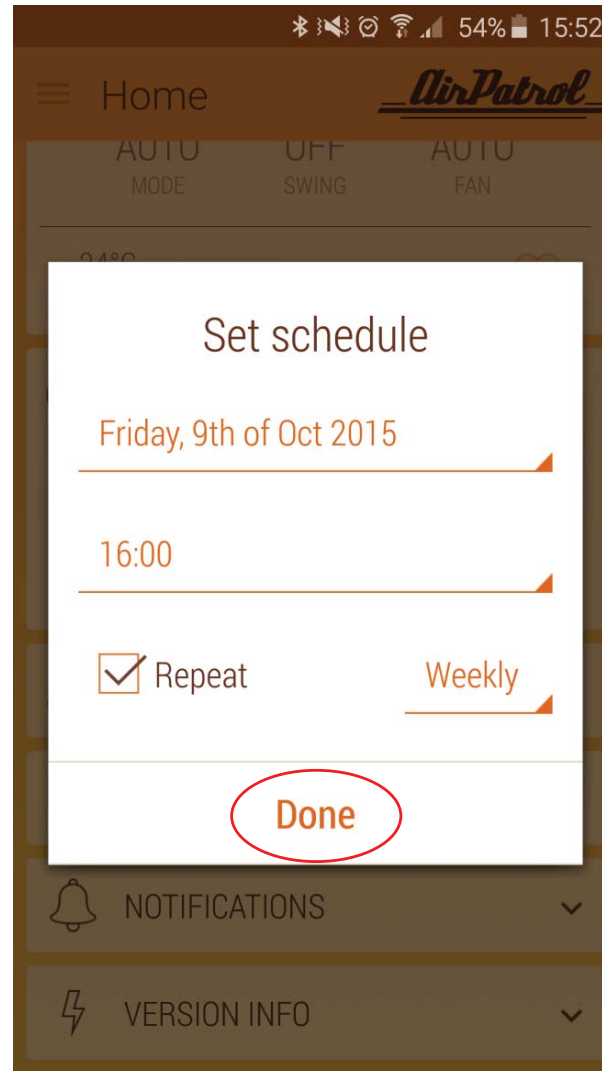
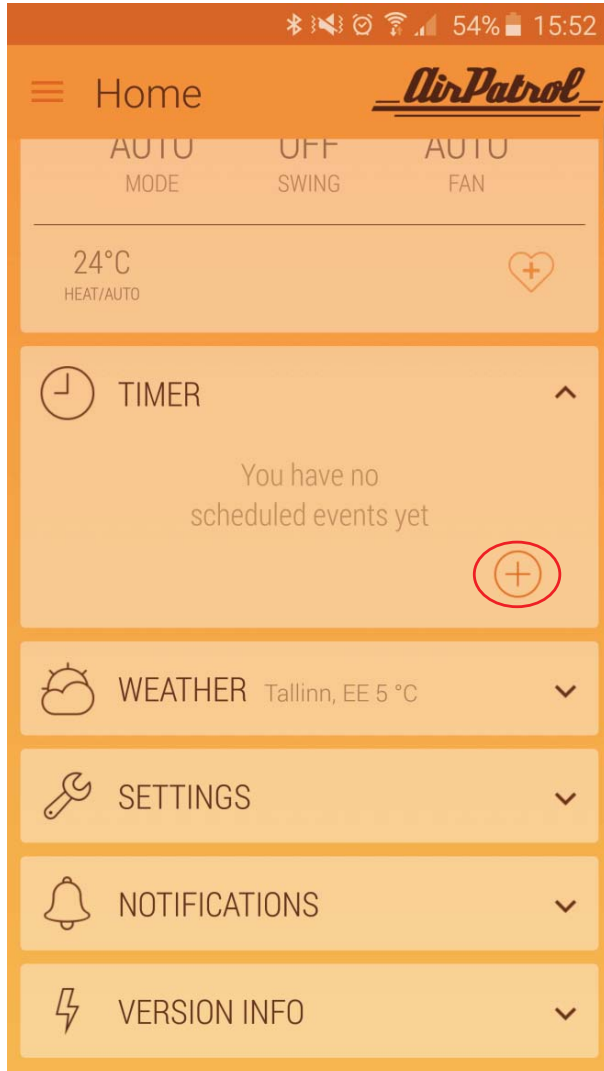


Timer function / Scheduled events

1 Adding timers

First select Timer menu and from there press Set scheduled event button.

You will now see a menu for setting a timer. Follow the steps as you like and click DONE.



Timer function / Scheduled events

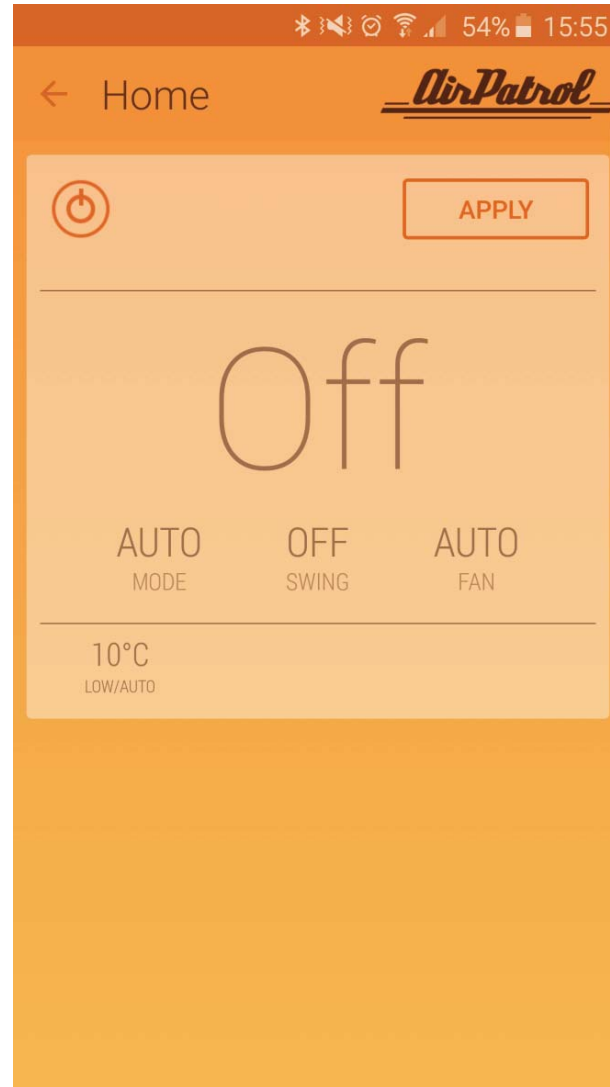
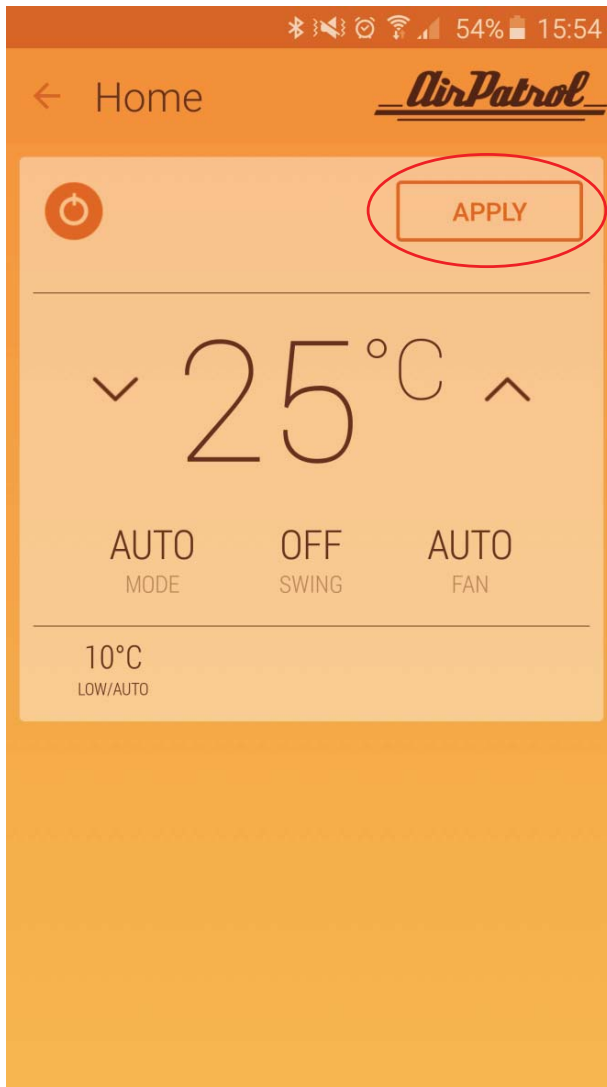
2 Adding timers

Now set the temperature, mode and fan speed for the selected timer, also choose power ON or OFF.

When you are finished press the Apply button.

You may add unlimited timers by selecting Set Scheduled event from main view again and following the same steps with each timer.

For example use another timer to turn off your heat pump / AC.

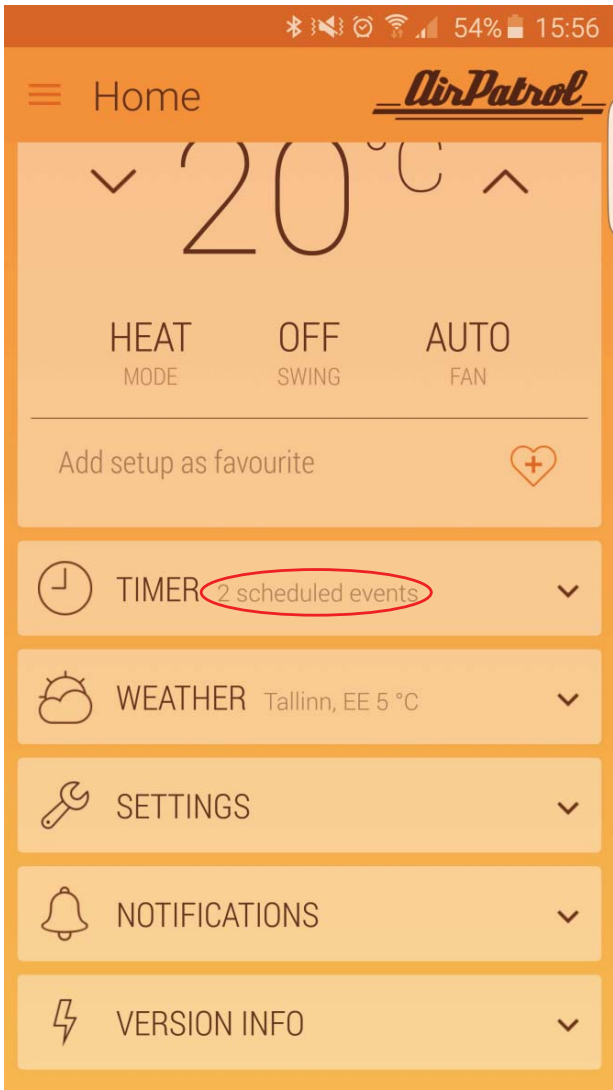
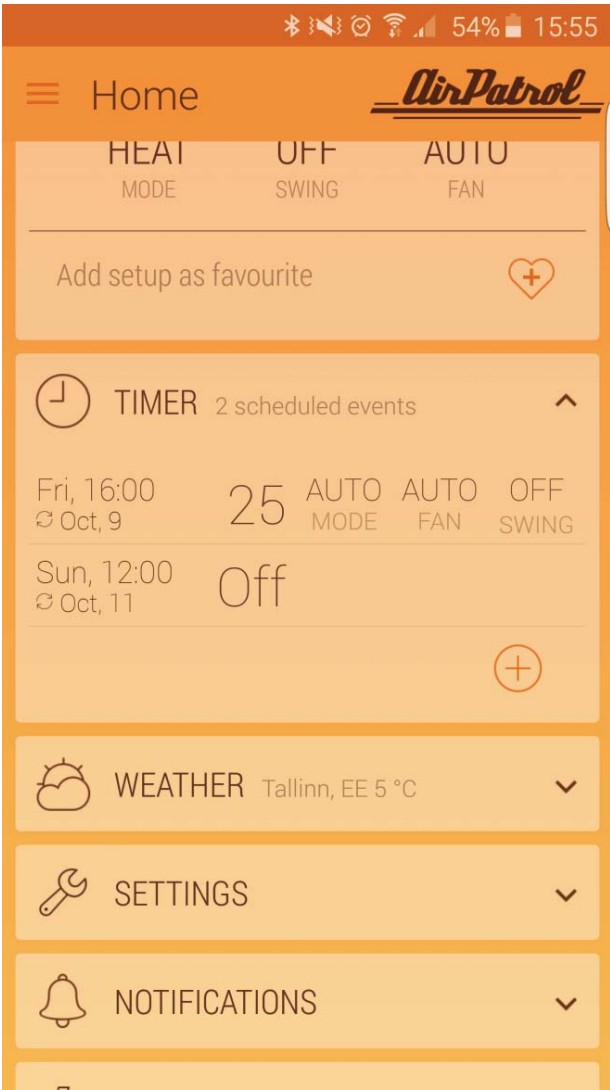


Timer function / Scheduled events

2 Adding timers

Scheduled events can be adjusted any time by clicking on them in the Timer menu.

Your scheduled events are also displayed next to the Timer menu to remind you about upcoming and reoccurring timers.

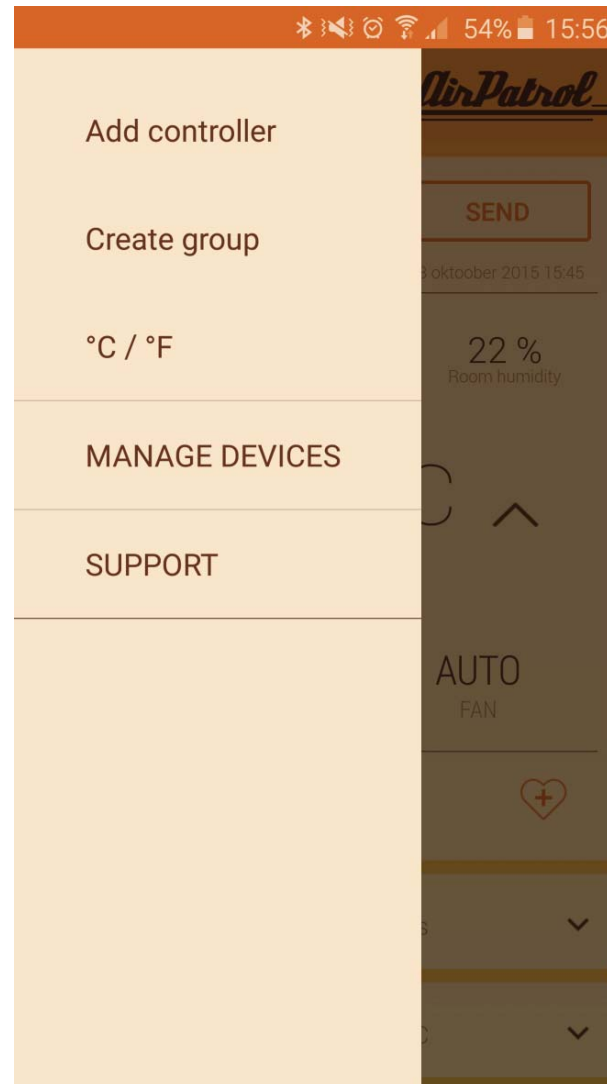
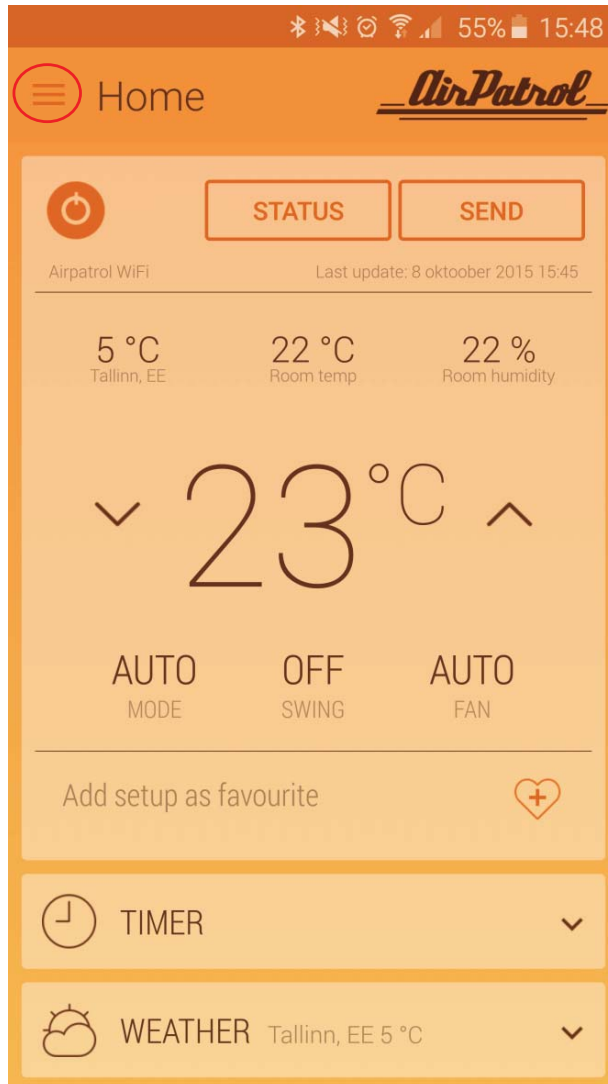


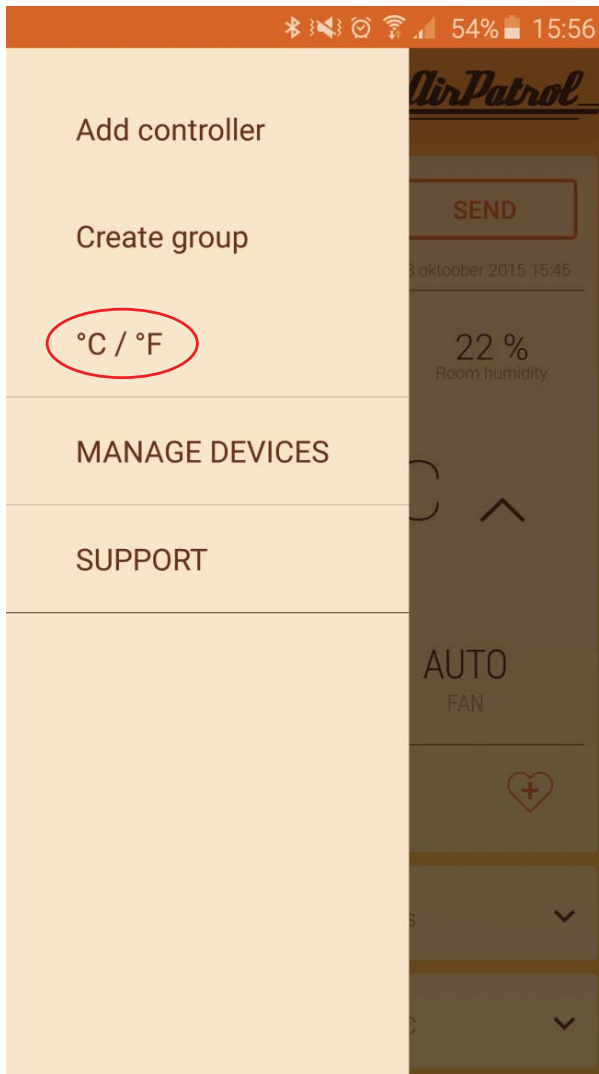
Menu button

There is also a menu button to:

- add controller
- create groups
- change temperature between °C/°F
- manage devices and contact support

Find the Menu button at the top left corner on the main view.





Celsius / Fahrenheit

Switching between temperature modes

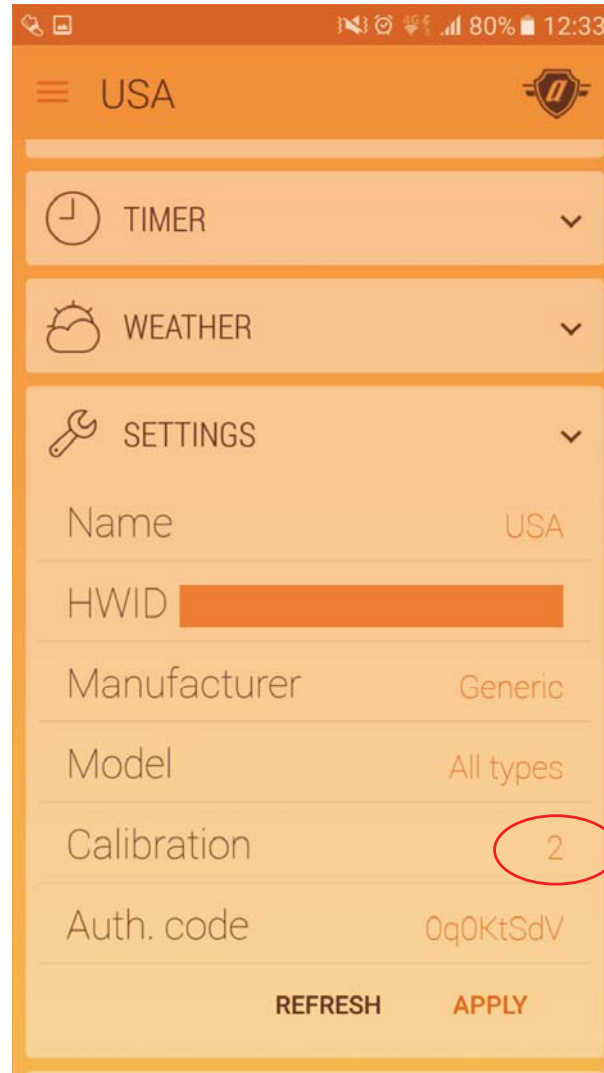
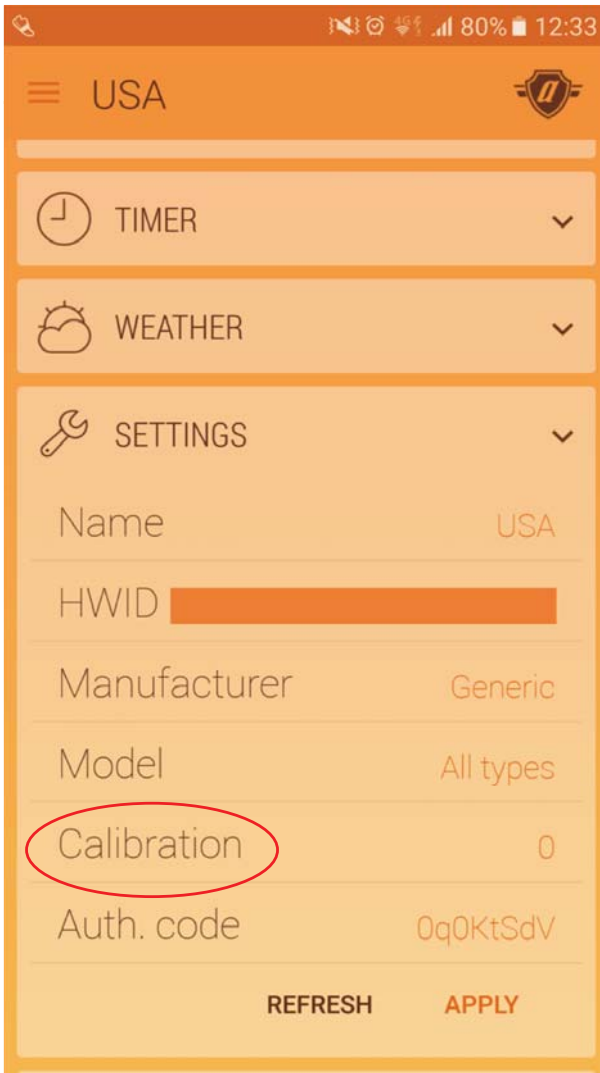
You are able to change the temperature displays from Celsius to Fahrenheit and back.

To do this just press the menu button in main view and select °C / °F.

Now all temperatures are displayed in Fahrenheit.

To switch back to Celsius just follow the same steps.





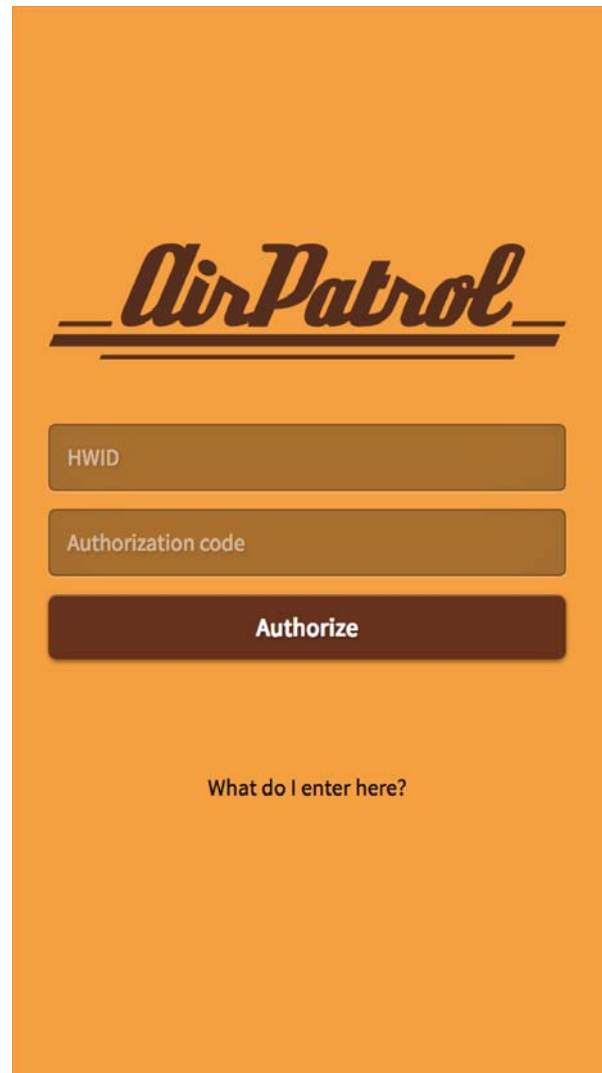
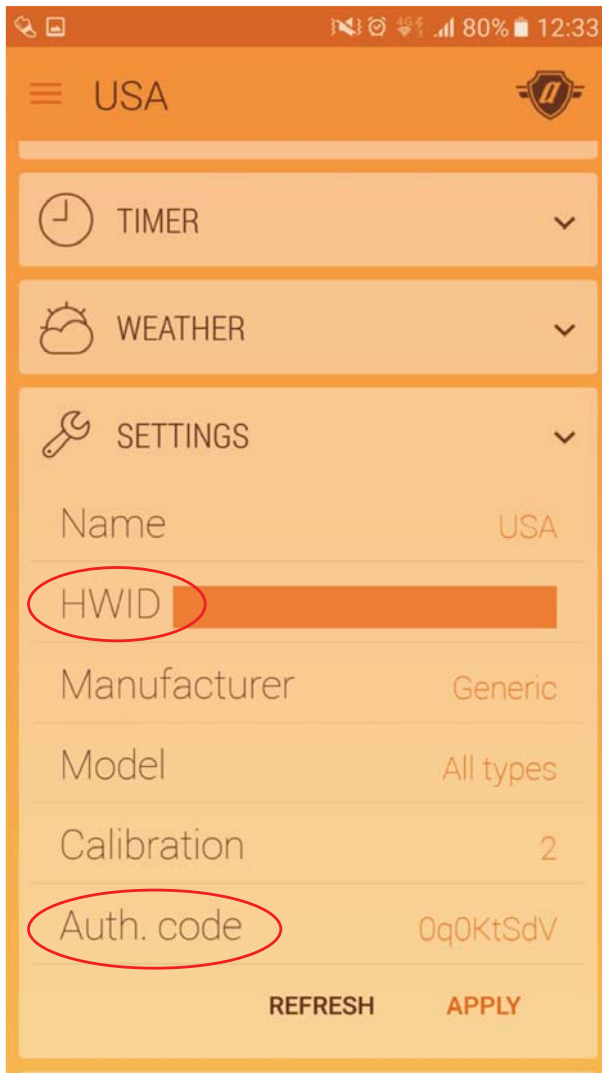
Calibration

Calibrating room temperature

You are able to calibrate the room temperature measured by your AirPatrol.

To do this, go to Settings and press on Calibrate. From there you can select a value between +/- 10°C. Room temperature reading will then be adjusted according to your chosen value.





IFTTT

AirPatrol WiFi can be integrated with IFTTT (If This Then That).

To do this, go to ifttt.com or open IFTTT app and search for “AirPatrol”. To connect, enter the HWID and Authorization code which can be found under Settings in AirPatrol app.

AirPatrol WiFi can also be integrated with Amazon Alexa voice control via IFTTT.



Thank you!

SAVE MONEY, GAIN COMFORT

For more materials and support visit:

www.airpatrol.eu/support

