

AirPatrol WiFi Full Manual

V2.0



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What AirPatrol WiFi does?

AirPatrol WiFi is a heat pump and air conditioner (AC) controller you operate with a mobile 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 the 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 has also 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 standards.
- Only IEEE 802.11a/n/ac (and other, more exotic 802.11) standards are not supported.
- AirPatrol WiFi supports open networks, WEP, 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 place 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.



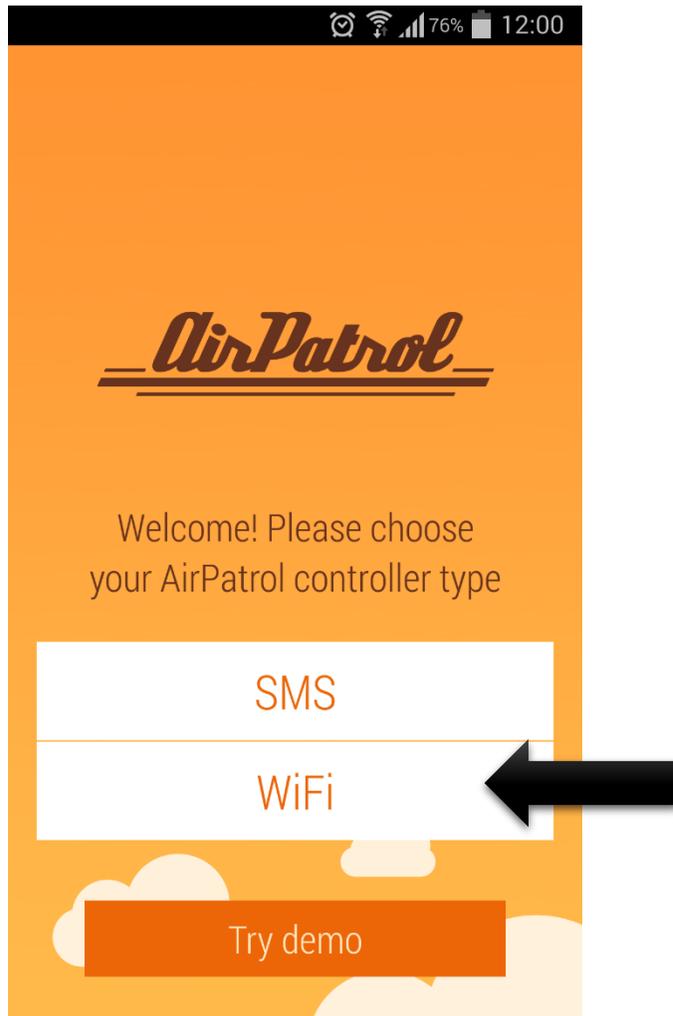
- 2 Download the app from Play Store / App Store.



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



AirPatrol
WiFi



AirPatrol WiFi Setup

Start AirPatrol app and choose WiFi as controller type.



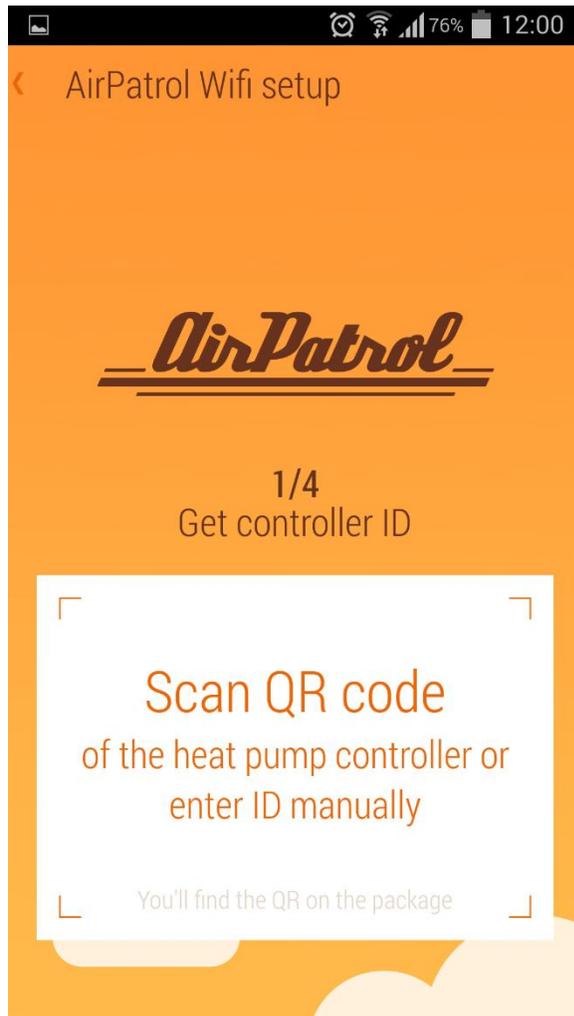
AirPatrol WiFi Setup

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.

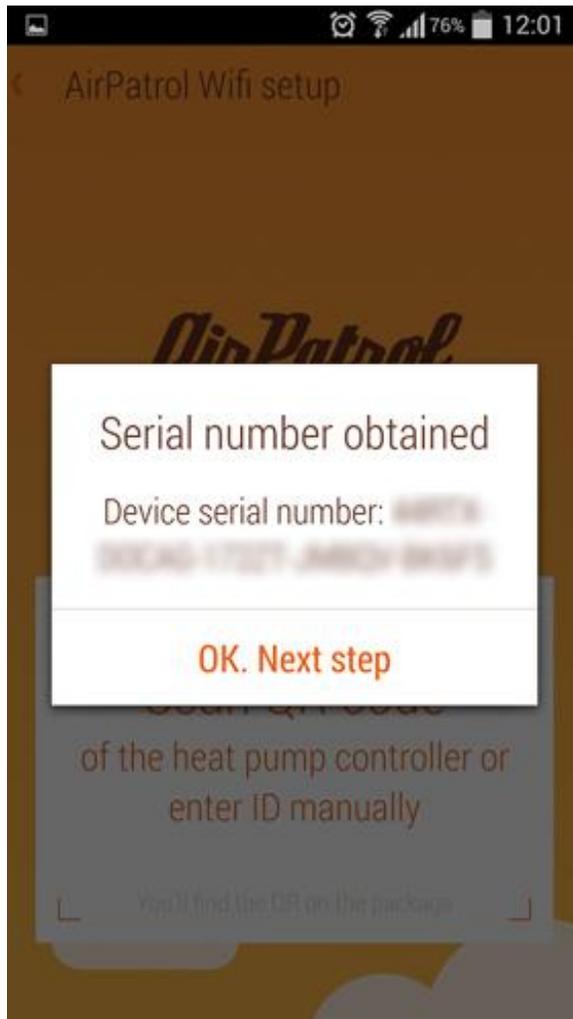


AirPatrol WiFi Setup

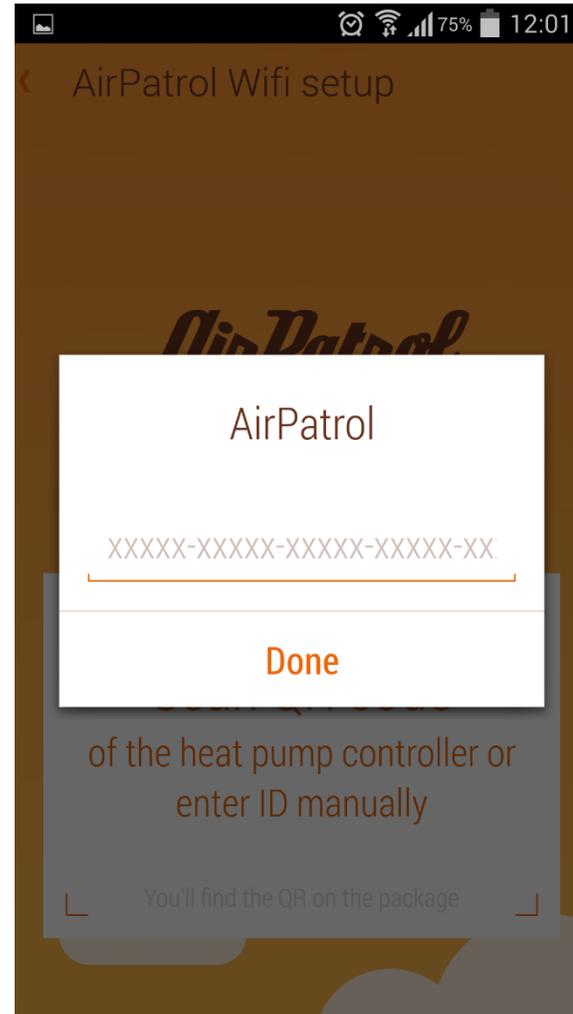
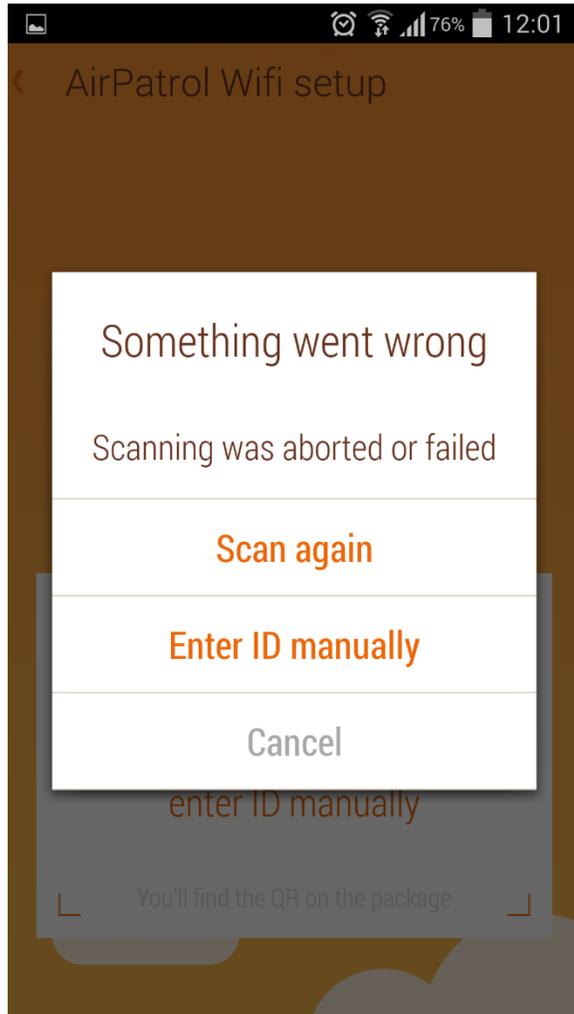
1.1

Controller ID

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



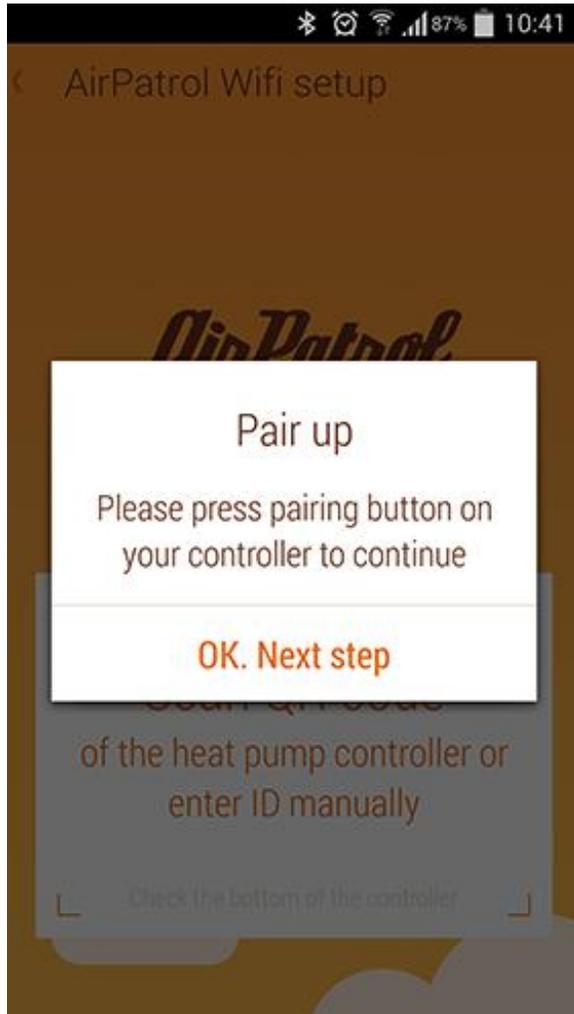
AirPatrol WiFi Setup

1.2

Pair up

Press pairing button on your controller to continue.

Pairing LED will light up

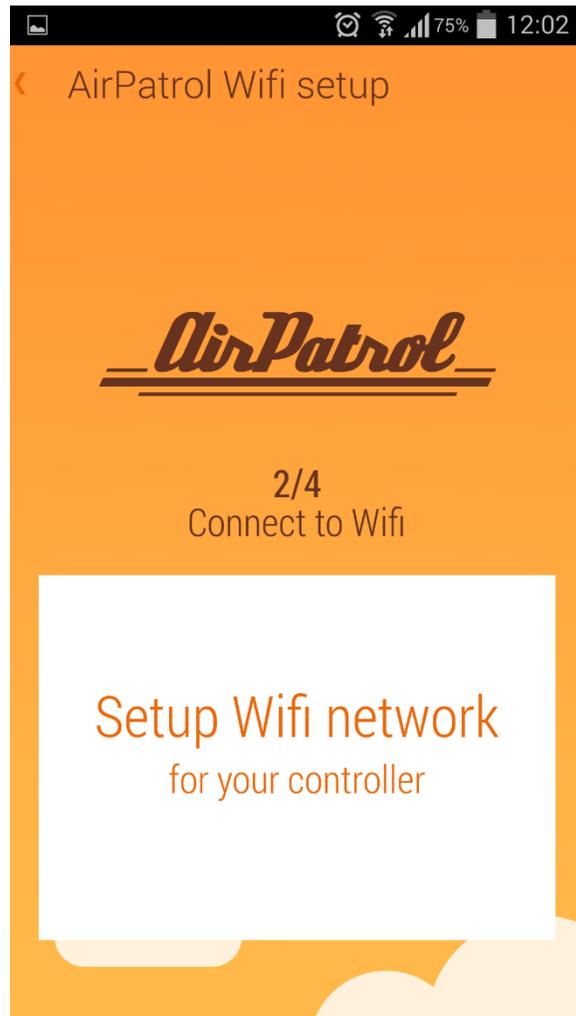


AirPatrol WiFi Setup

2

WiFi connection

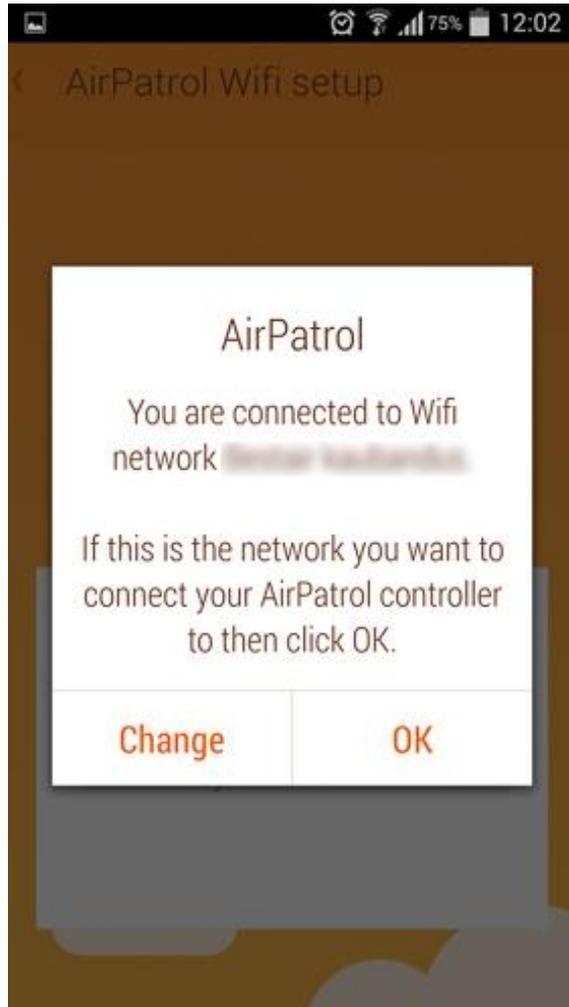
Connect your AirPatrol WiFi to WiFi network



AirPatrol WiFi Setup

2.1 WiFi connection

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.

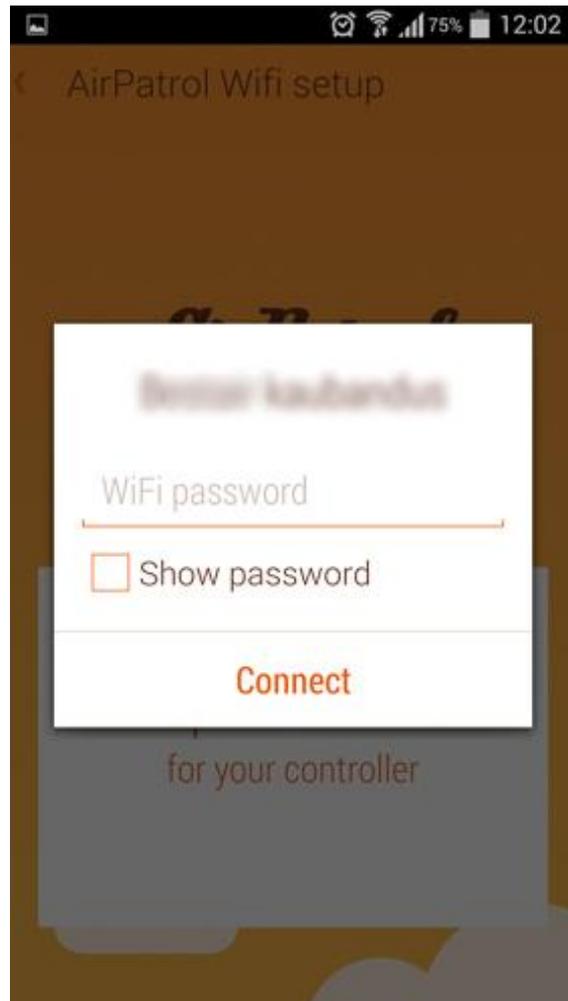


AirPatrol WiFi Setup

2.2 WiFi connection

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

In case you do not have a password protected network then leave it empty.



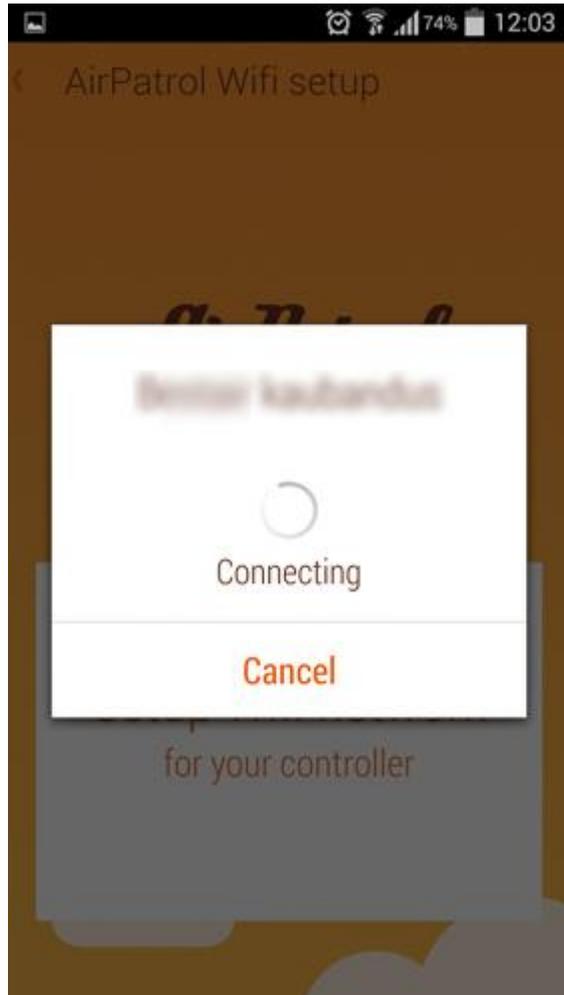
AirPatrol WiFi Setup

2.3

WiFi connection

AirPatrol will now try to connect to the network you chose.

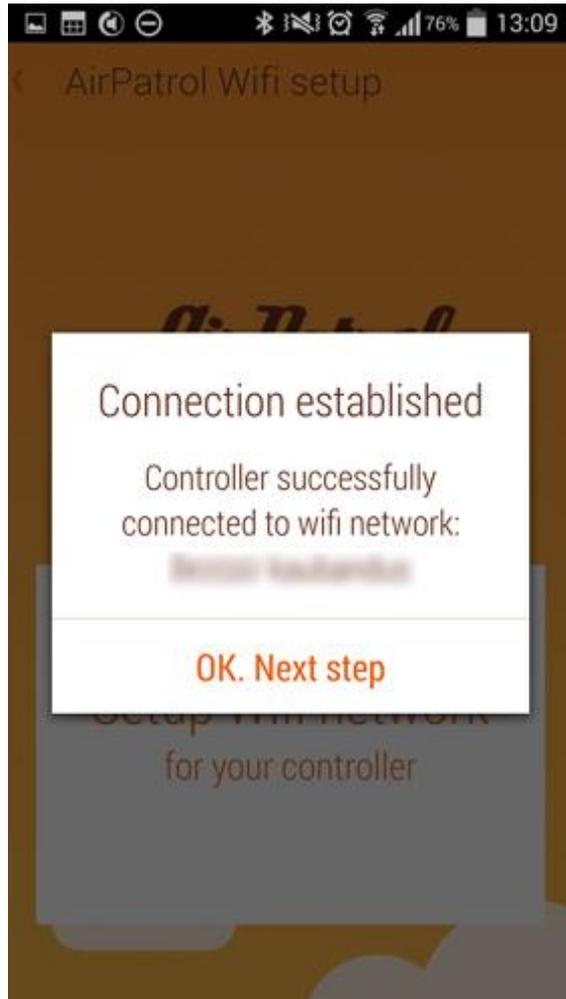
WiFi LED blinks and turns on



AirPatrol WiFi Setup

2.4 WiFi connection

You will be notified if connection is successfully established.



AirPatrol WiFi Setup

3

Pairing with controller

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

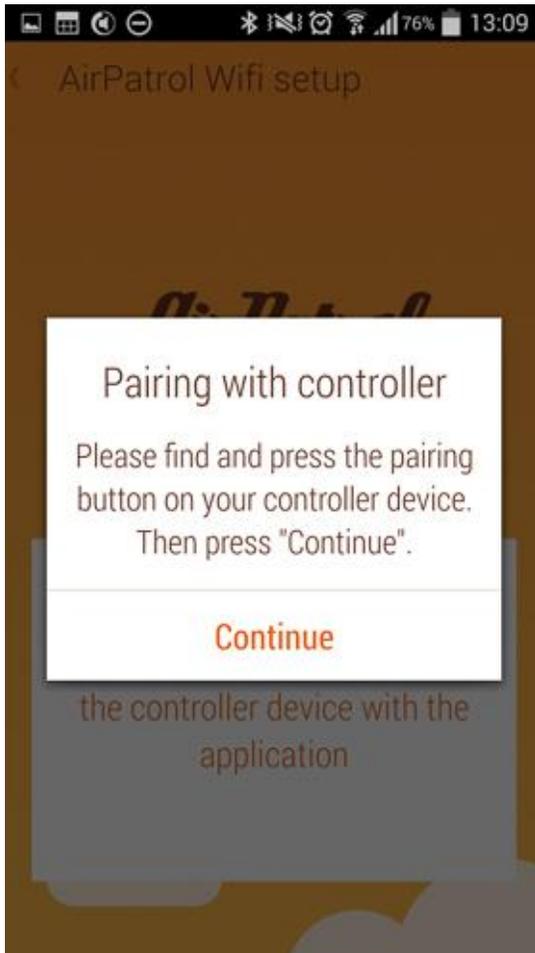


AirPatrol WiFi Setup

3.1

Pairing with controller

Press Pairing button on the side of your AirPatrol WiFi controller and follow to the next step.



AirPatrol WiFi Setup

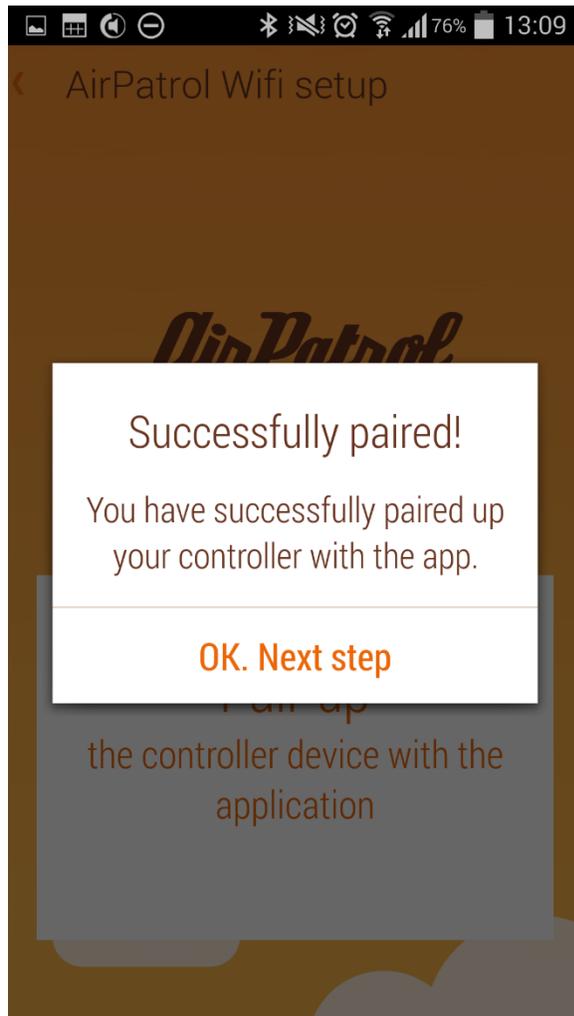
3.2

Pairing with controller

You will be notified if pairing was successful.

Pairing LED will turn off.

Only Power and WiFi LEDs are on.

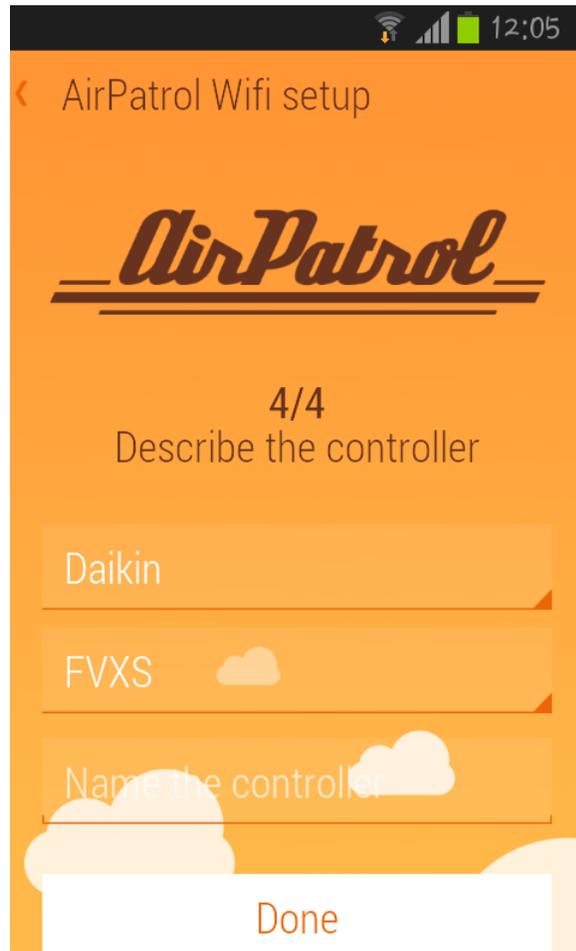


AirPatrol WiFi Setup

4 Information

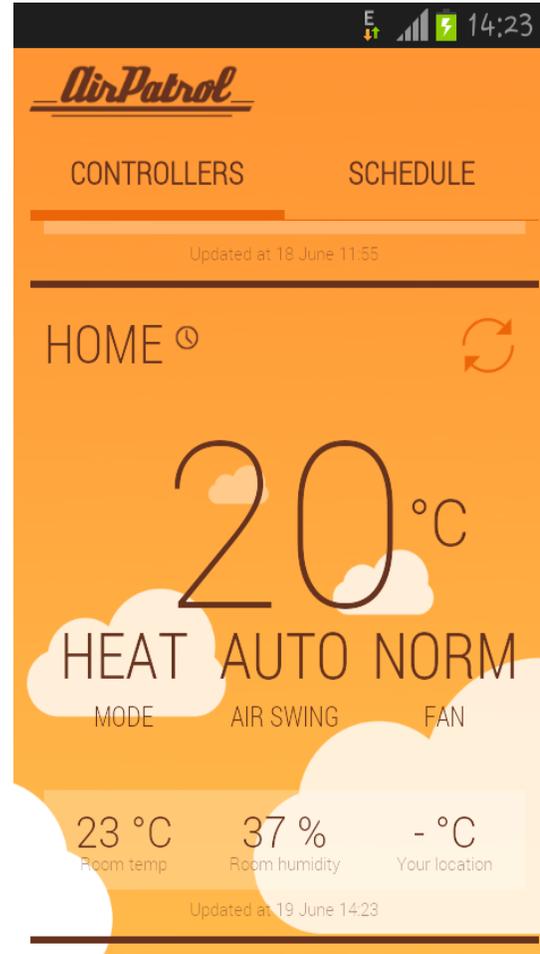
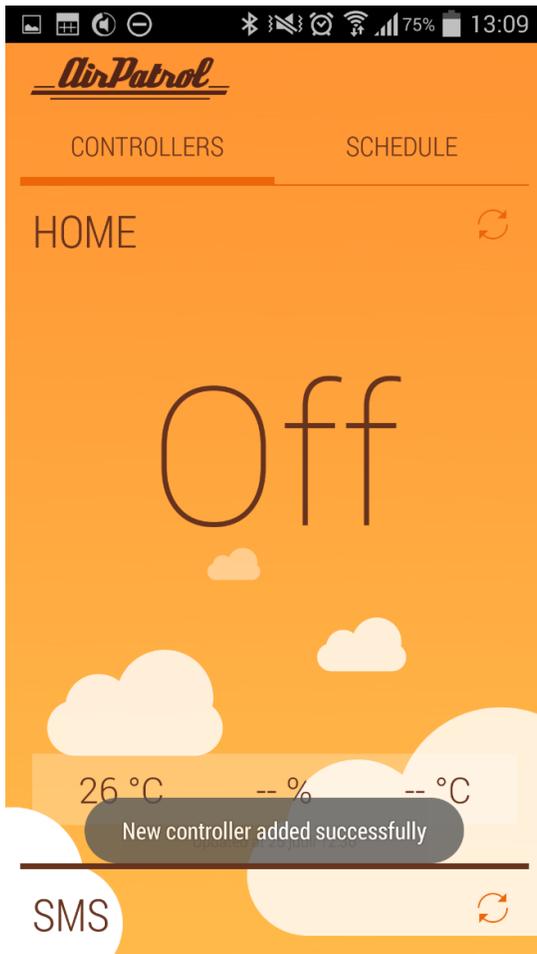
In the last step you are asked to select your heat pump / AC brand and give it a name.

After that press DONE.



The screenshot shows the 'AirPatrol Wifi setup' app interface. At the top, the status bar displays signal strength, Wi-Fi, and the time 12:05. Below the title bar, the 'AirPatrol' logo is centered. The screen indicates '4/4 Describe the controller'. There are three input fields: the first contains 'Daikin', the second contains 'FVXS' with a cloud icon, and the third is labeled 'Name the controller' with a cloud icon. A 'Done' button is visible at the bottom.





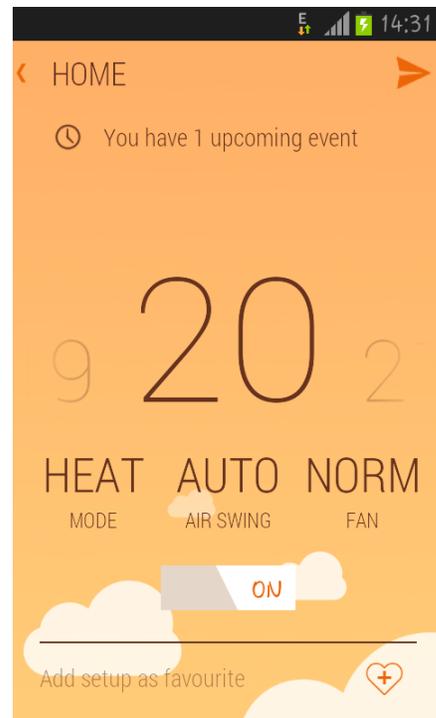
AirPatrol WiFi Main view

This is the main view for AirPatrol App.

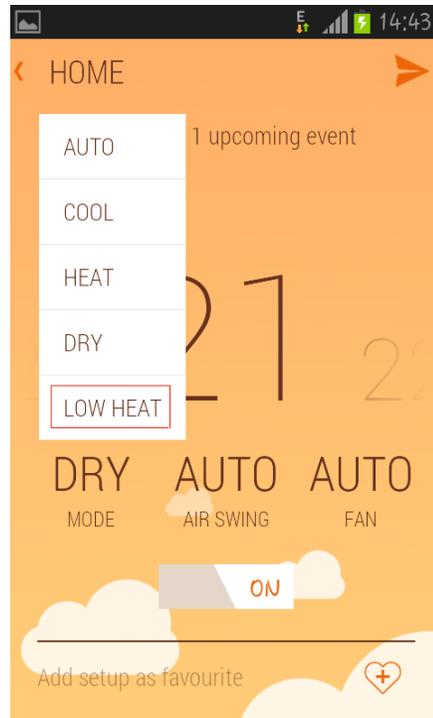
To control your device just touch anywhere on the selected device area.

Sending commands

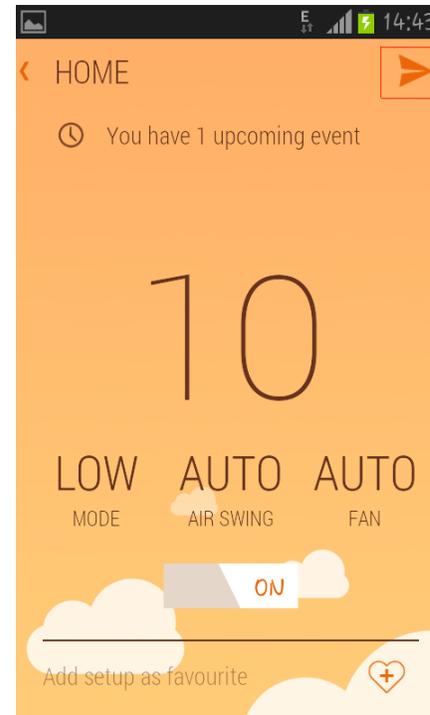
Sending commands is easy, just select your desired settings and push send button.
For example setting LOW HEAT mode:



1. Make sure the ON/OFF switch is ON

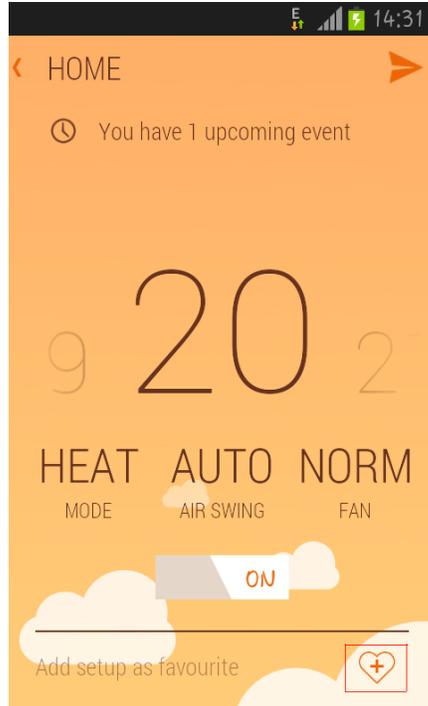


2. Select MODE and LOW HEAT

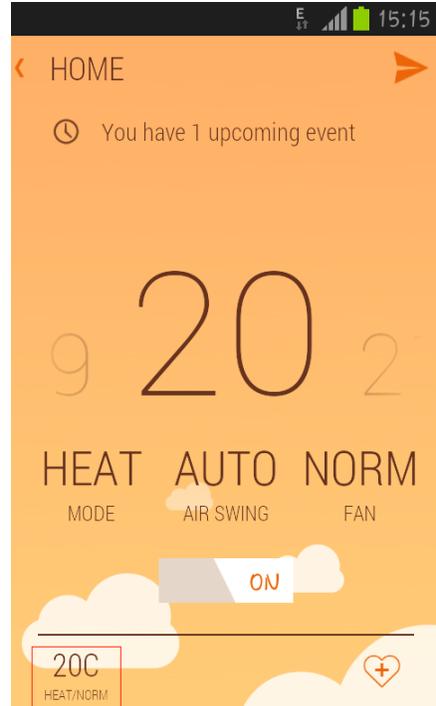


3. Press SEND button

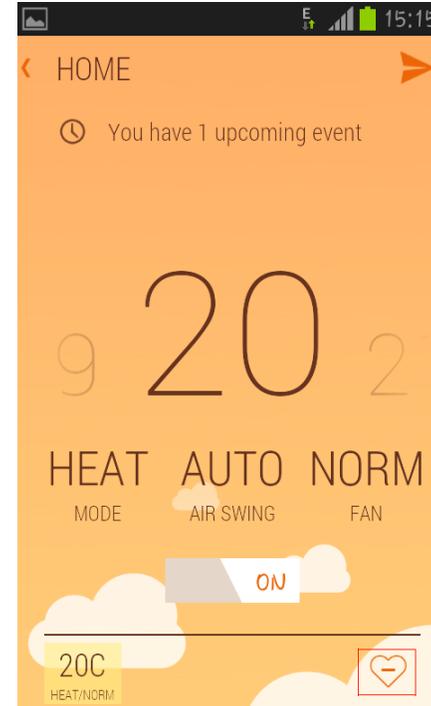
Add / delete favourites



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



2. To activate the favourite just select it from the bottom bar and press SEND button.



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

Settings menu

In order to enter advanced settings menu for your controller press the settings button.

On Android it is the native settings button, just press it or hold it down for a few seconds (depends on your phone model).

On iPhone it is on screen button.

From Settings menu you can

- change your controller name
- enter to SETUP menu
- Enter VERSION menu
- delete controller.



From SETUP menu you can

- change your heat pump / AC model
- set alarms



From VERSION menu you can see

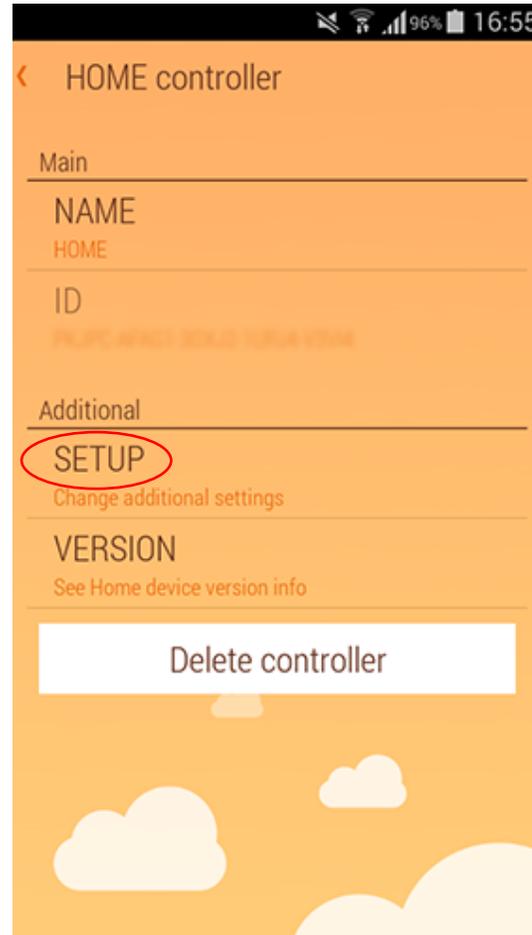
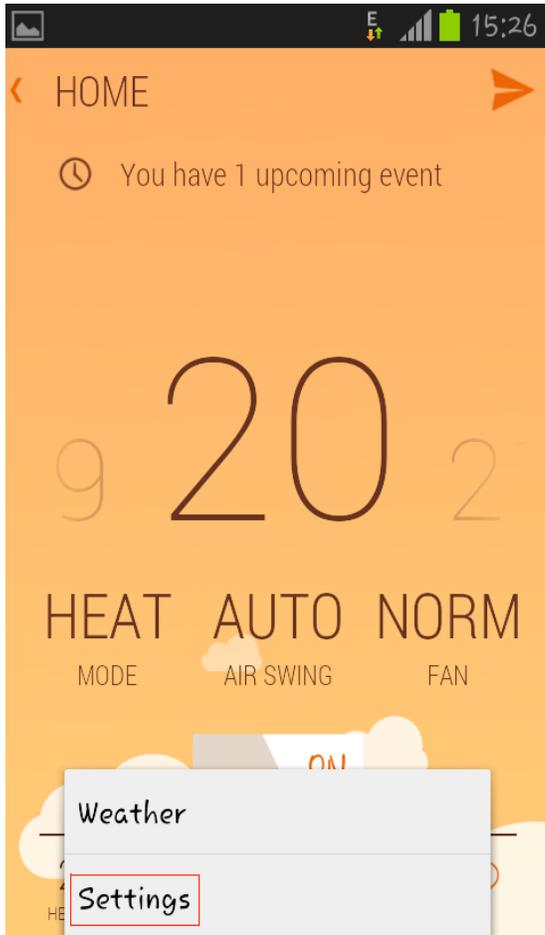
- Firmware version
- Controller uptime
- WiFi network

Alarms settings

1 Alarms menu

First go to settings menu (see page 25).

From Settings menu select SETUP.



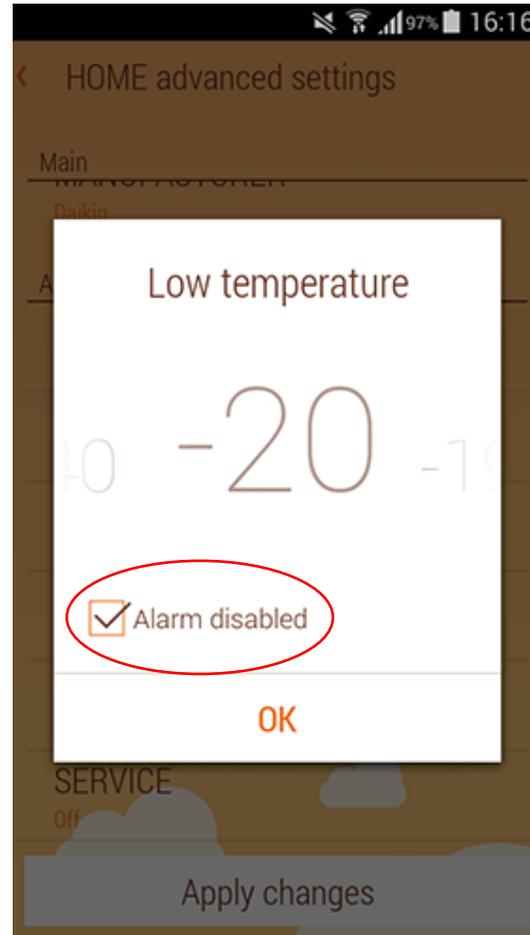
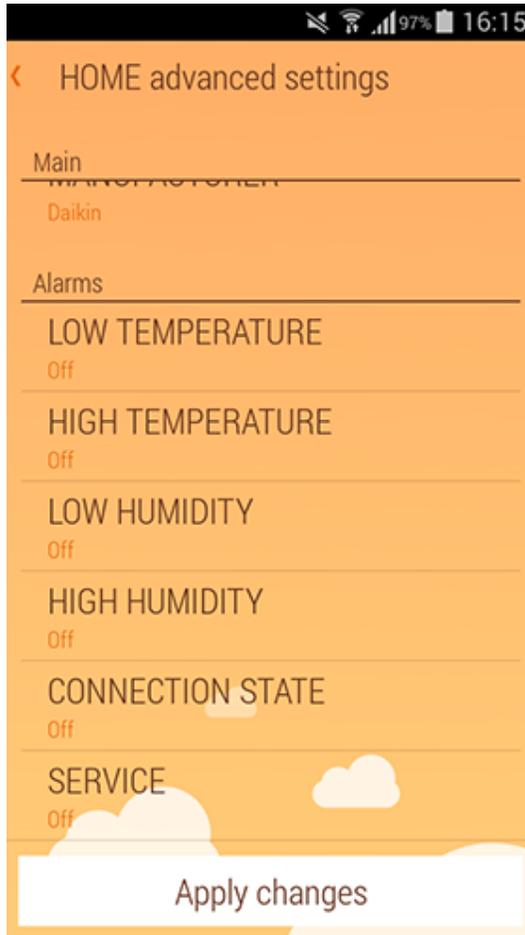
Alarms settings

2 Alarms setup

All alarms are set OFF by default.

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

After that you can scroll to the temperature that you would like to set the alarm trigger.

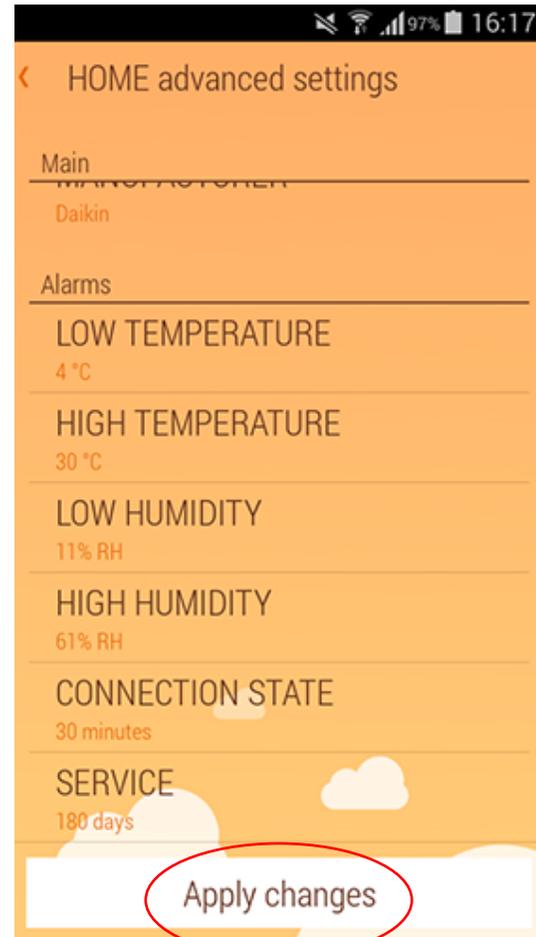
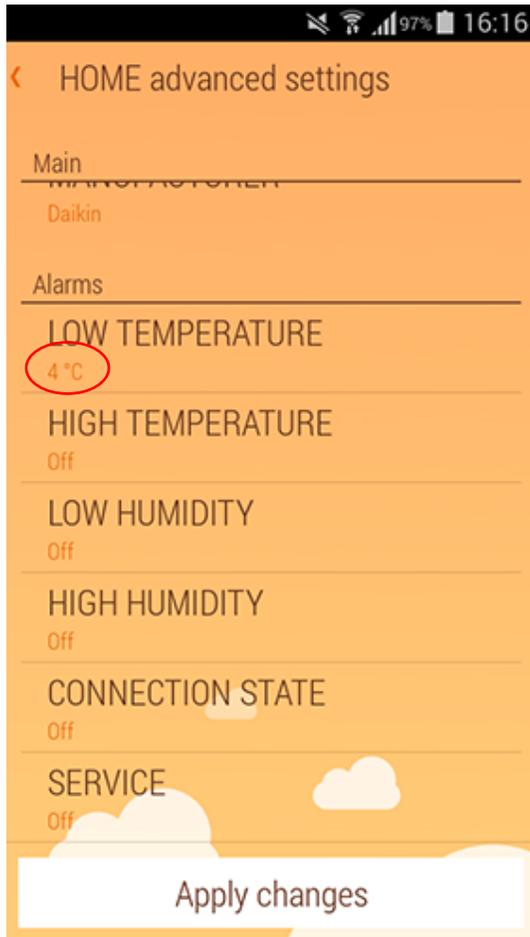


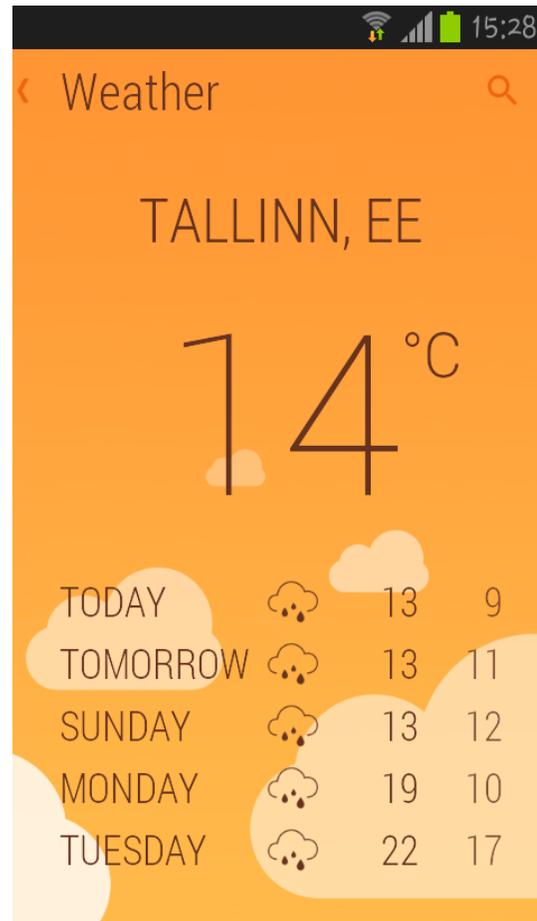
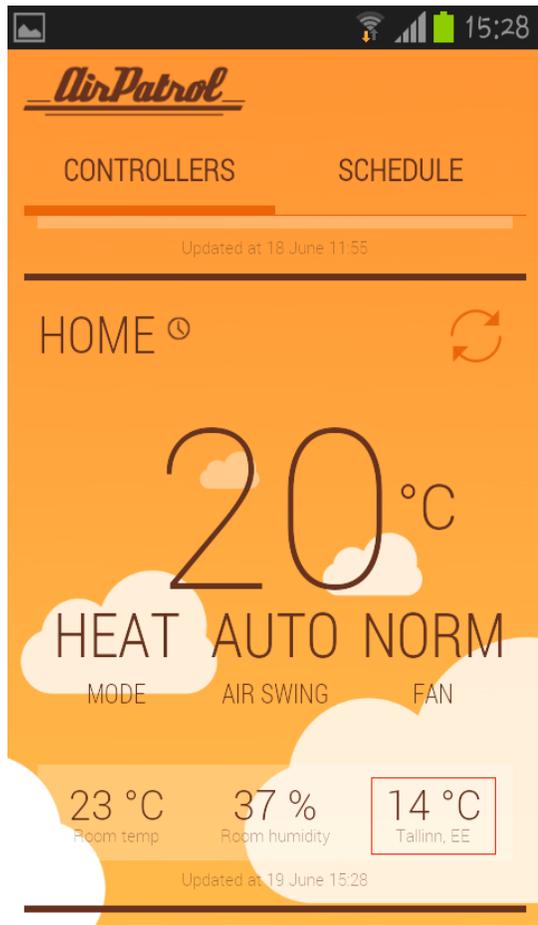
Alarms settings

3 Alarms setup

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

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



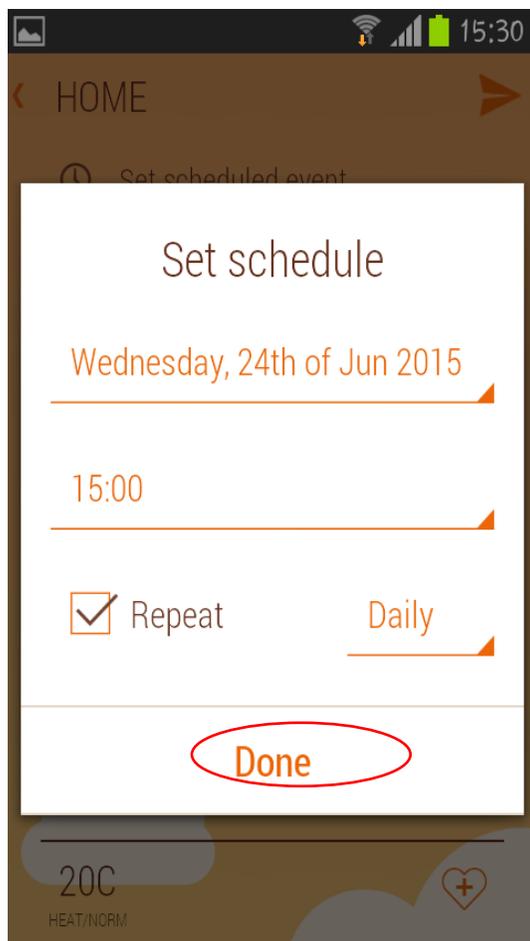
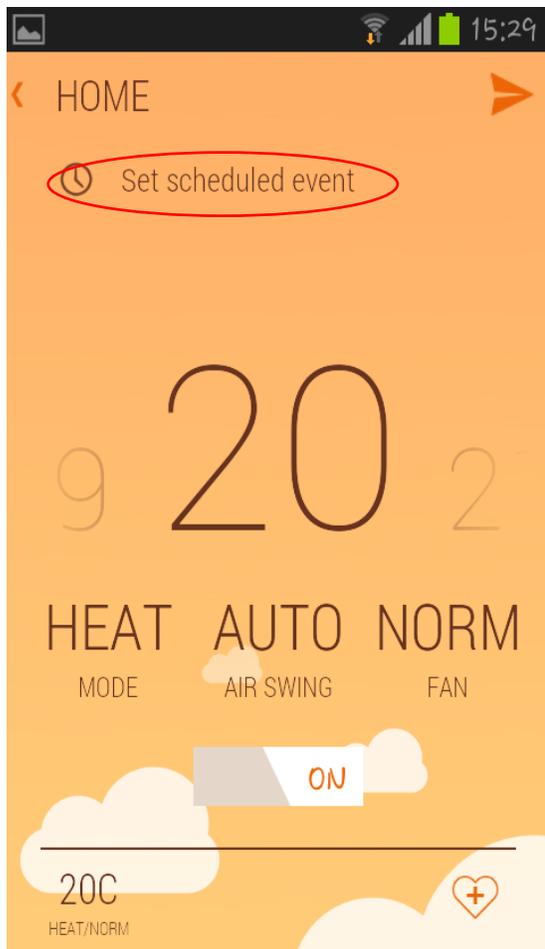


Local weather report

To see local weather report press on the temperature value next to humidity.

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

The region you selected will be shown in more detail and also later on main view.

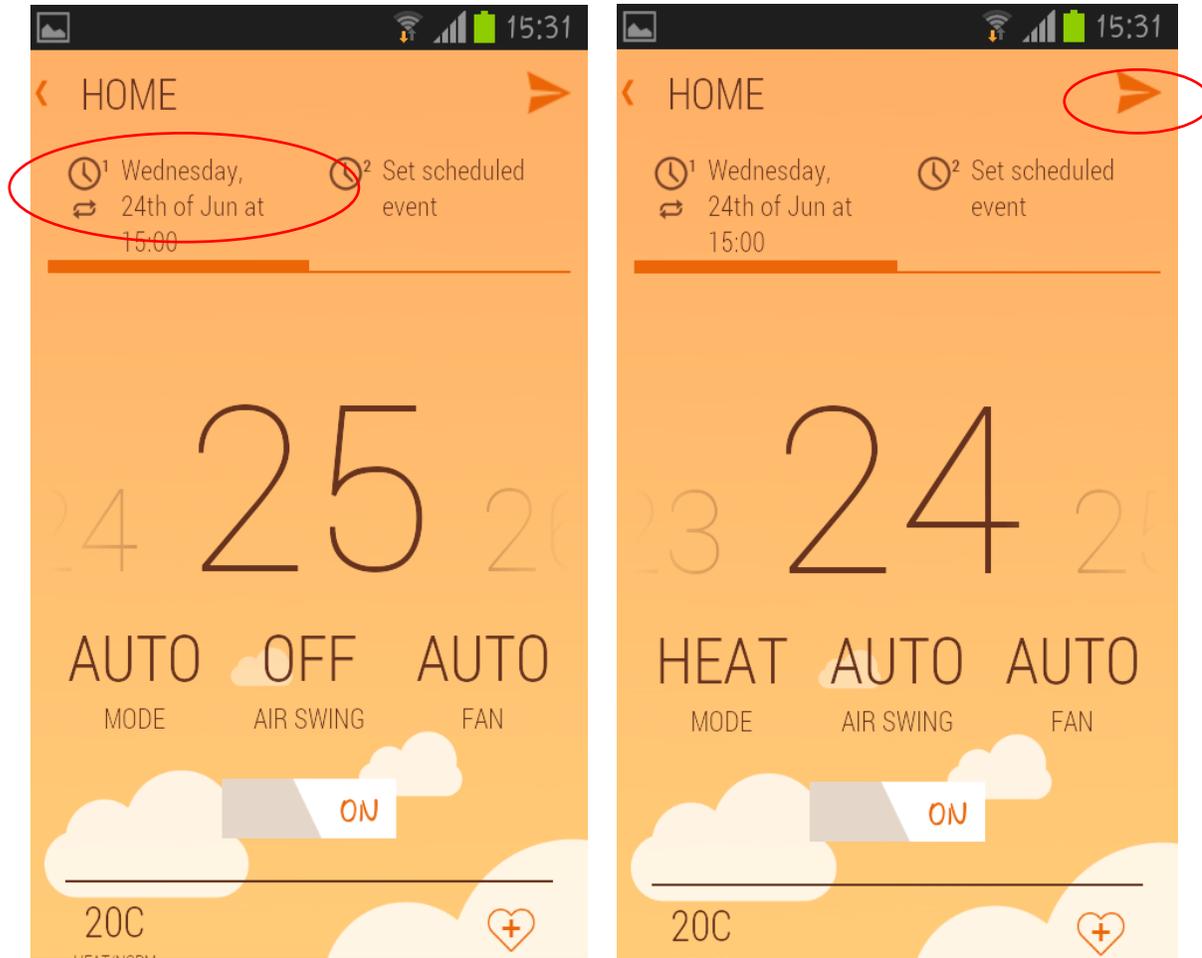


Timer function / Scheduled events

1 Adding timers

First select your controller and from there select Set scheduled event.

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



Timer function / Scheduled events

2 Adding timers

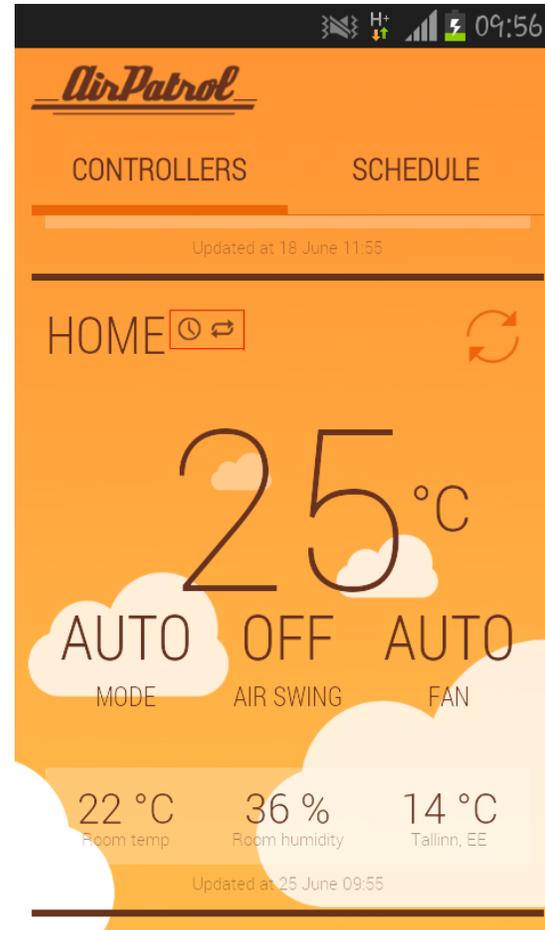
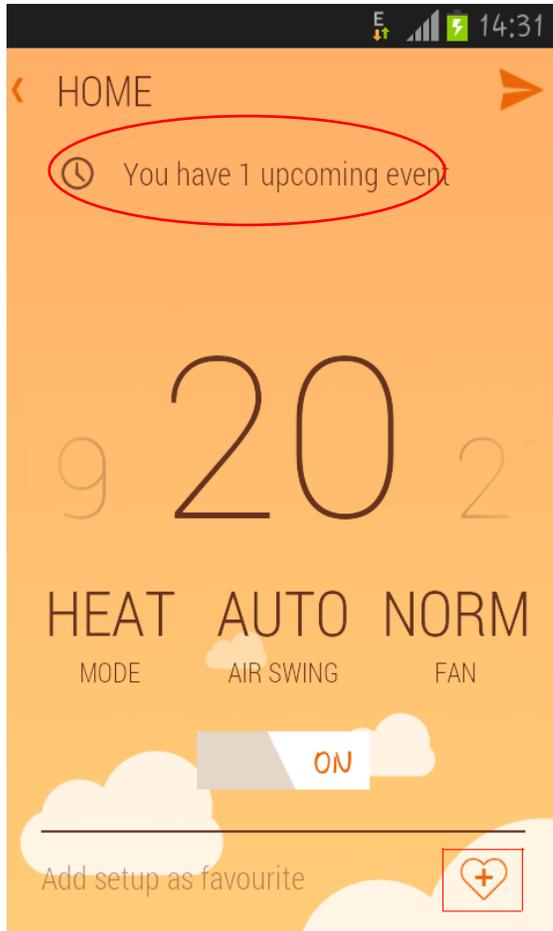
Now you will see your timer at the timer bar.

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

When you are finished press the send button.

You may add another timer from the top by selecting Set Scheduled event.

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



Timer function / Scheduled events

2 Adding timers

Alarms can be adjusted any time by clicking on the alarms bar.

A symbol is displayed on main screen to remind you about upcoming and / or reoccurring alarms.

Fahrenheit / Celsius

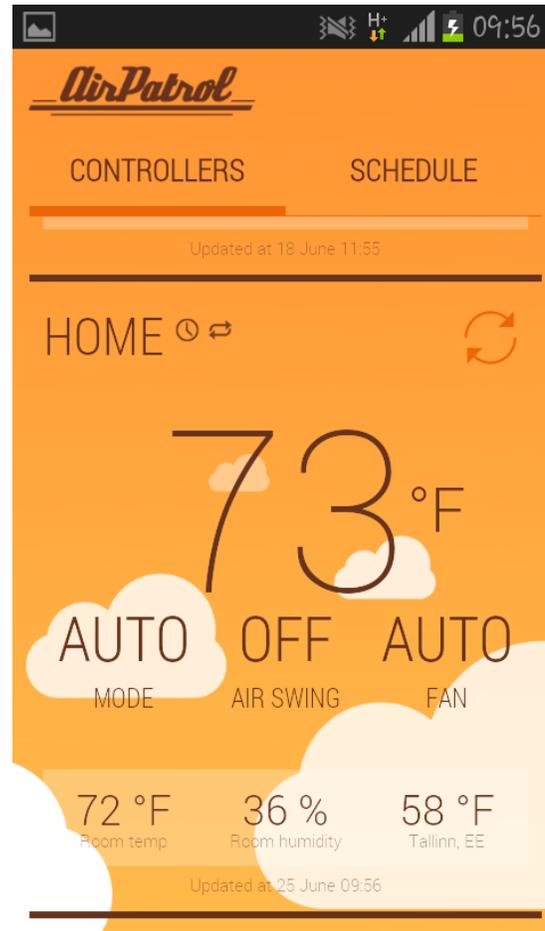
Switching between temperature modes

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

To do this just press settings button in main view and select Use Fahrenheit.

Now all temperatures are displayed in Fahrenheit.

To switch back to Celsius just follow the same steps.



Thank you!

SAVE MONEY, GAIN COMFORT

