

AirPatrol WiFi Version 2 Full Manual

V4.2



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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 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/n standards.
- Only IEEE 802.11a/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 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.



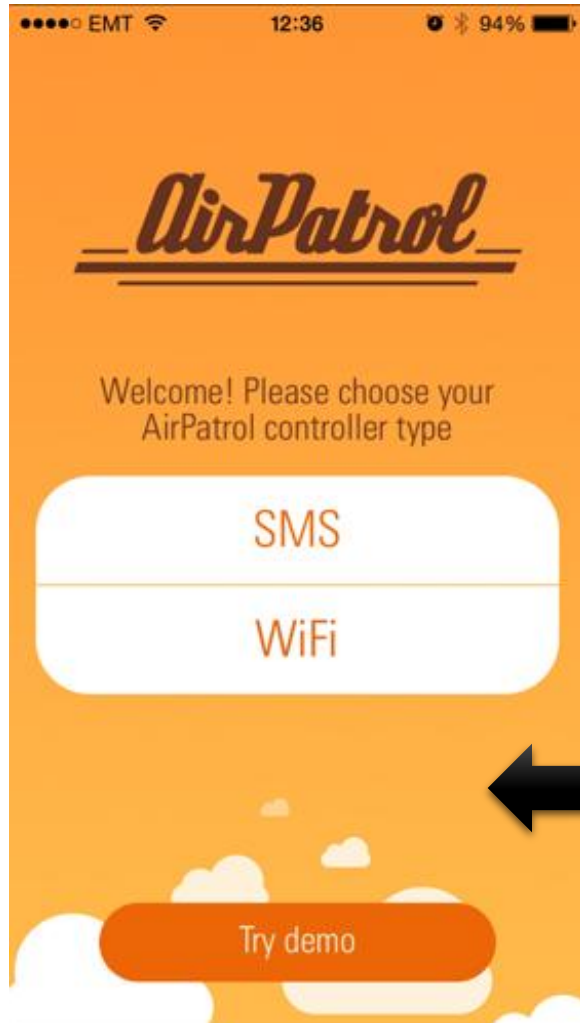
- 2 Download the app from Play Store / App Store.



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



AirPatrol
WiFi



AirPatrol WiFi Setup

Start AirPatrol app and choose WiFi as controller type.



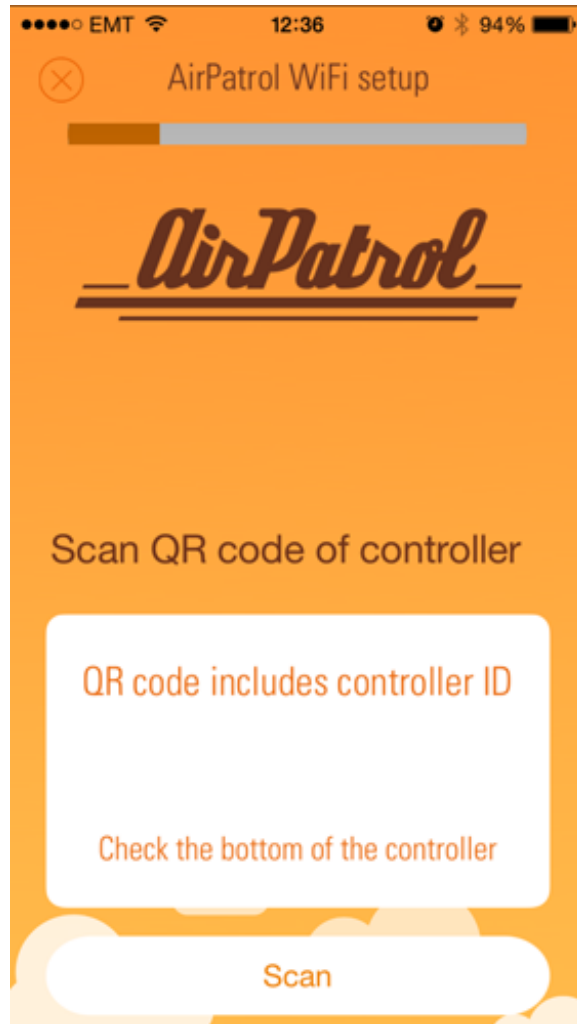
AirPatrol WiFi Setup

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.

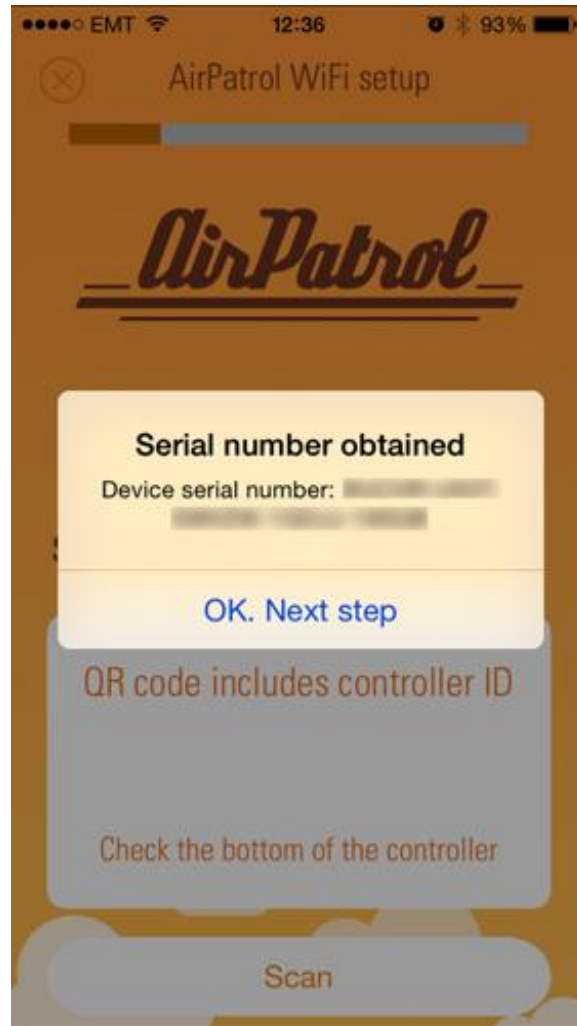


AirPatrol WiFi Setup

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:

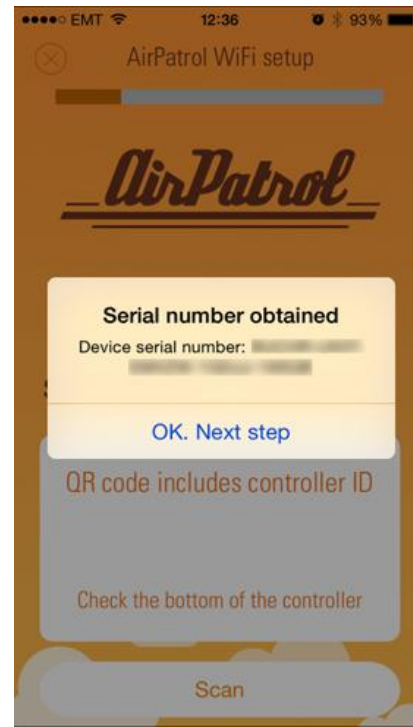
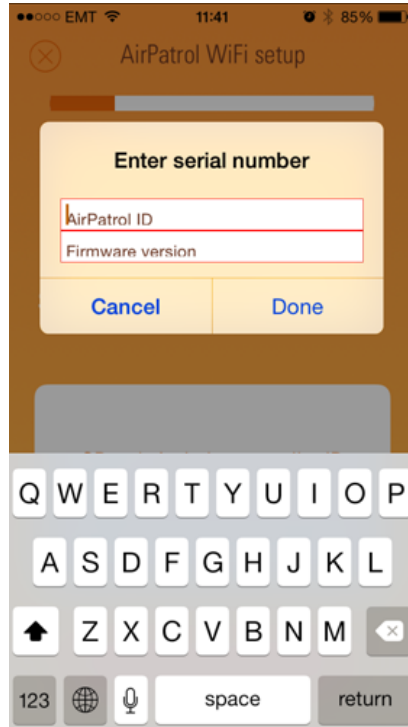
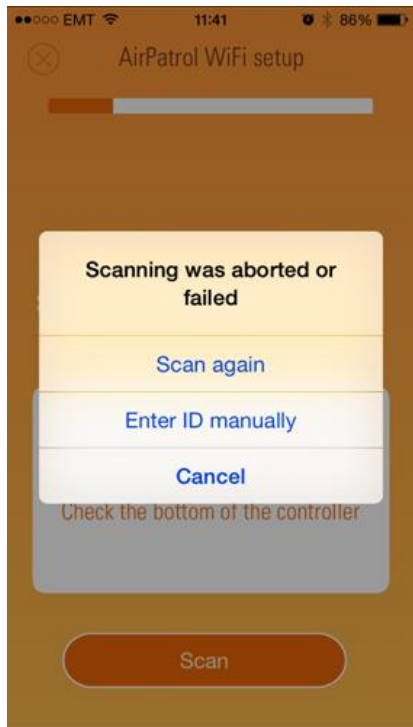
AirPatrol WiFi Setup

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 and choose firmware version of your controller. They can be located under the controller just below the QR code.



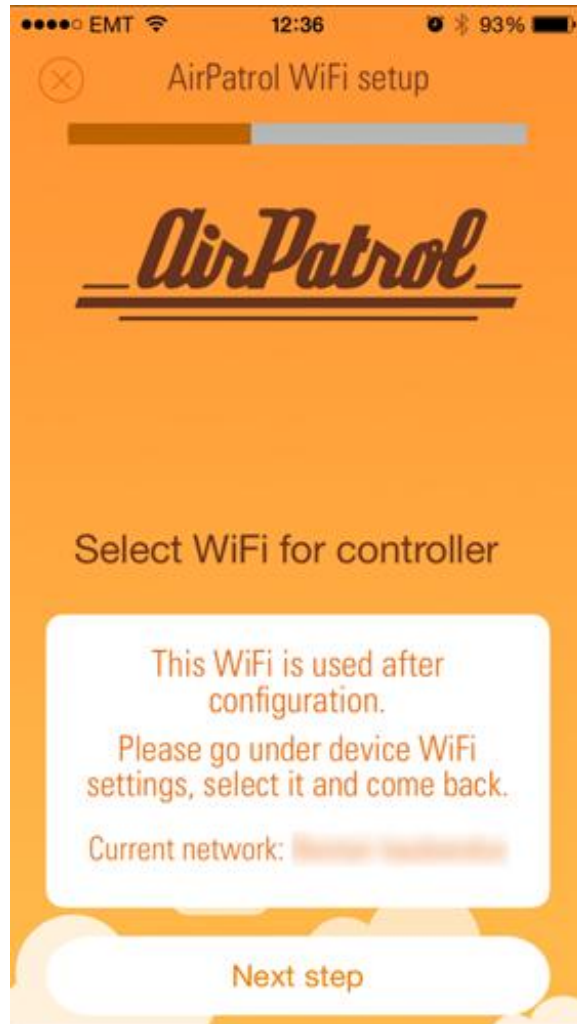
AirPatrol WiFi Setup

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)

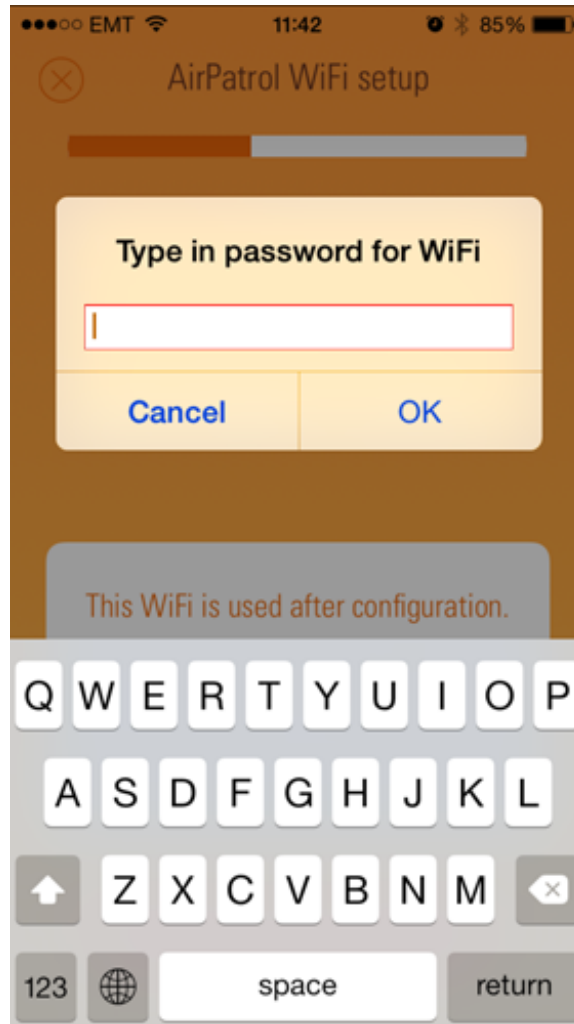


AirPatrol WiFi Setup

2.2 Connecting to WiFi & pairing

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.

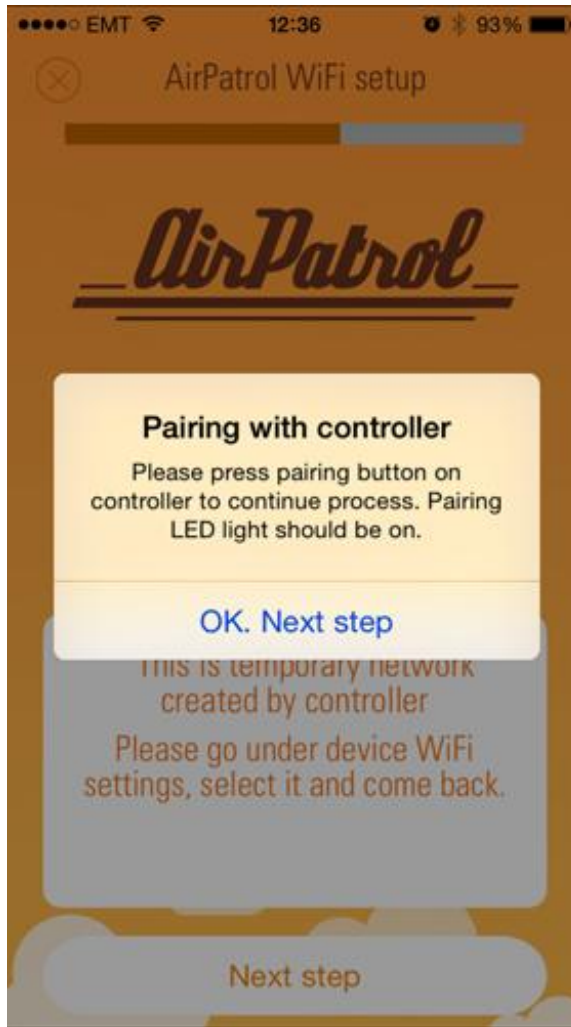


AirPatrol WiFi Setup

2.3 Connecting to WiFi & pairing

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

Pairing LED will light up



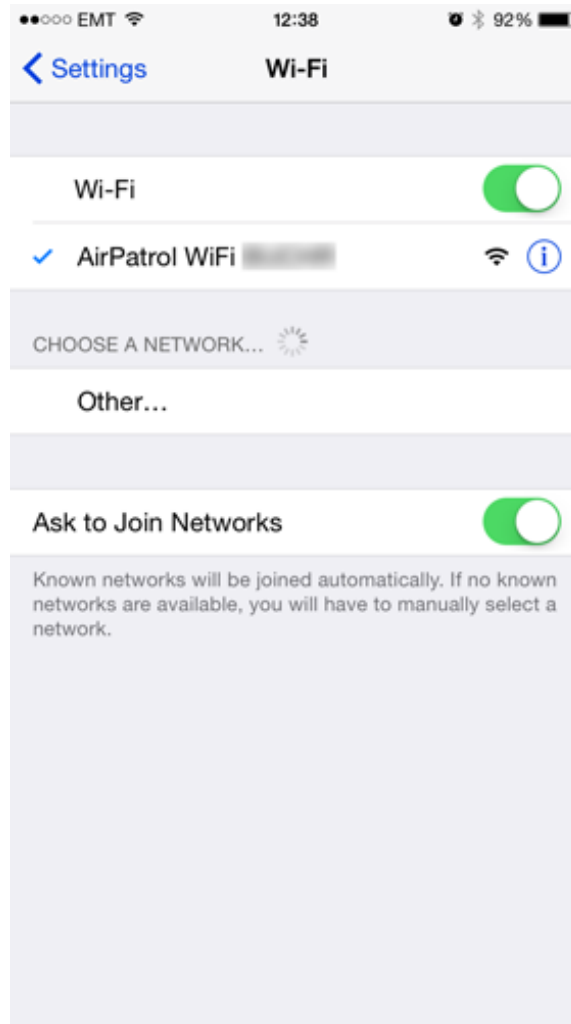
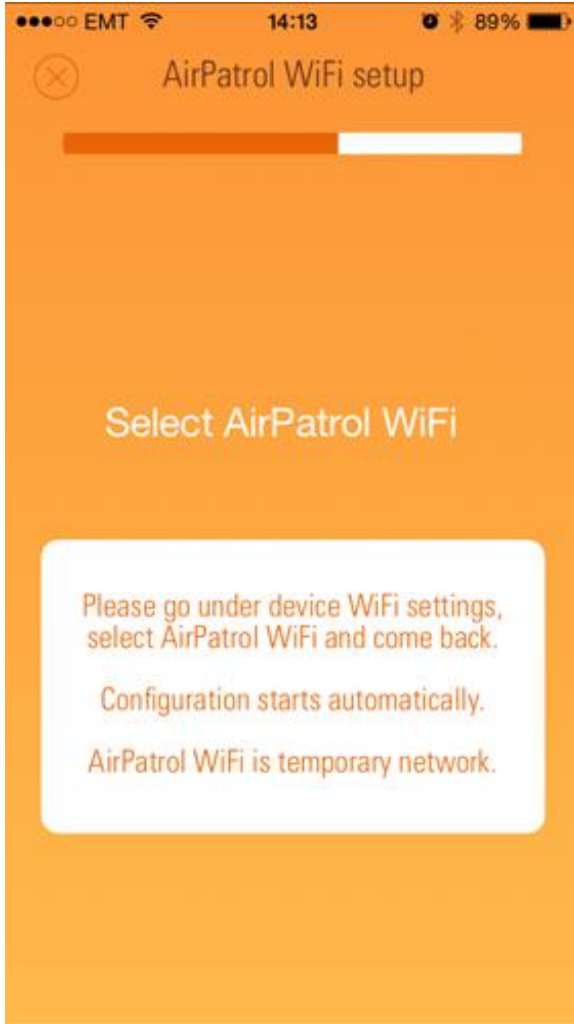
AirPatrol WiFi Setup

2.4

Connecting to WiFi & pairing

Next you will be asked to select temporary network for the pairing process. Please go under device WiFi settings, select AirPatrol WiFi and return to AirPatrol app.

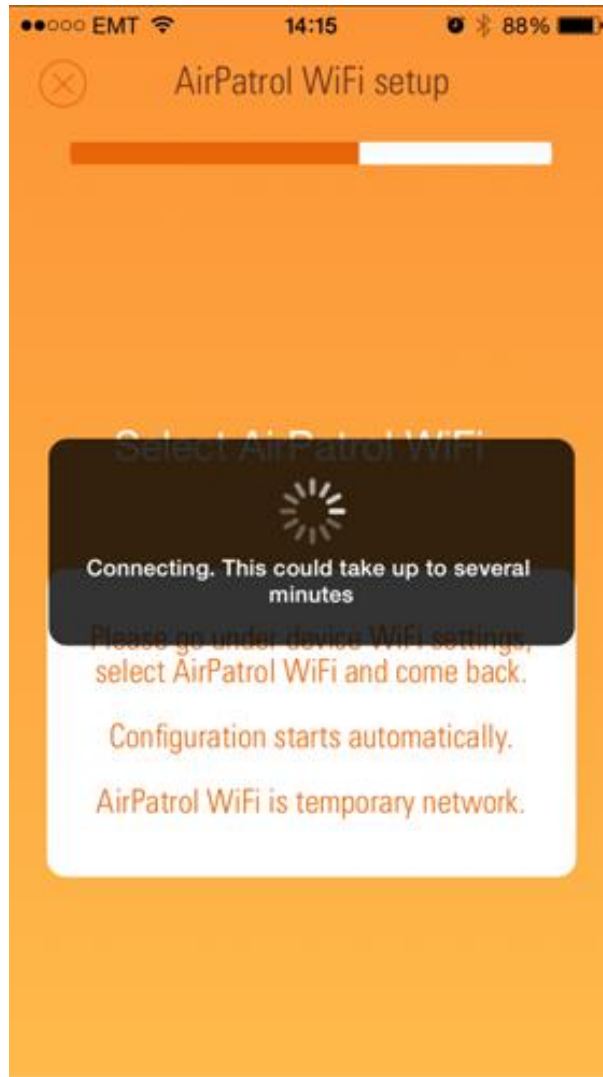
AirPatrol controller creates temporary WiFi to receive network information from your smartphone.



AirPatrol WiFi Setup

2.5 Connecting to WiFi & pairing

AirPatrol controller is now connecting to WiFi network.



AirPatrol WiFi Setup

2.6

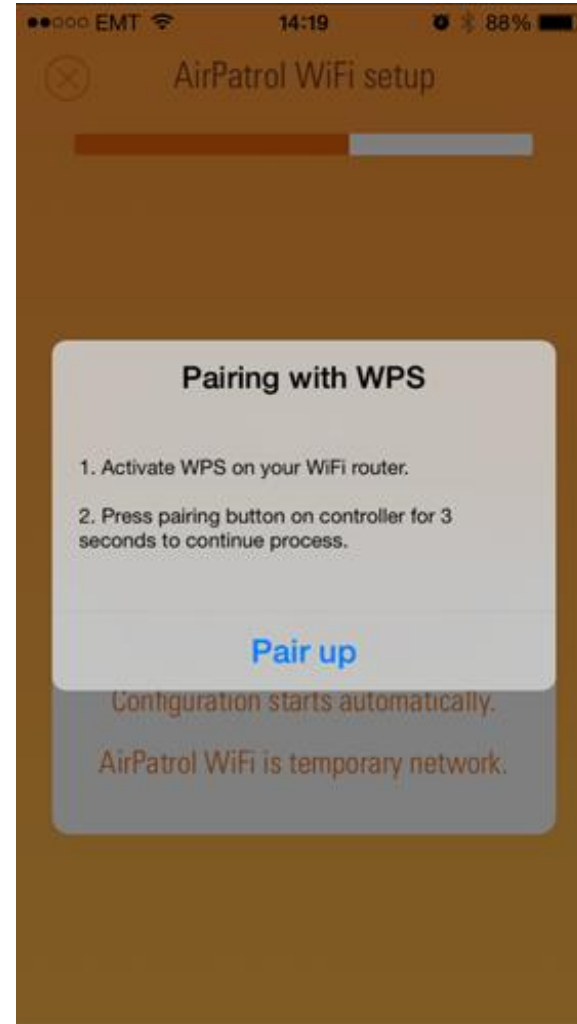
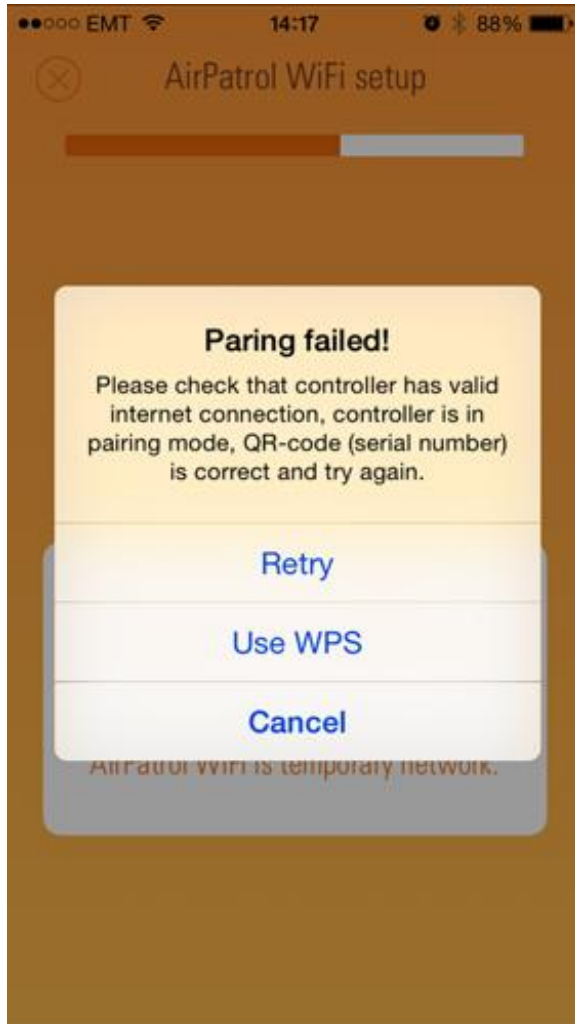
Connecting to WiFi & pairing

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 for 3 seconds on your AirPatrol controller.



AirPatrol WiFi Setup

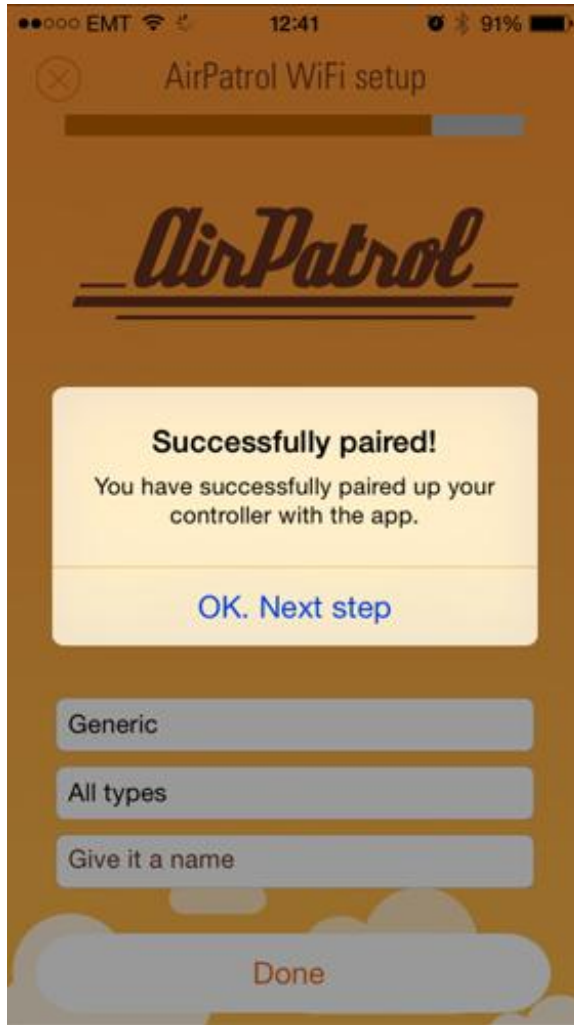
2.7

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.



The screenshot shows the 'AirPatrol WiFi setup' screen on an iPhone. The status bar at the top displays 'EMT', signal strength, Wi-Fi, time '12:41', and battery '91%'. The app title 'AirPatrol WiFi setup' is at the top with a close button. Below is the 'AirPatrol' logo. The main heading is 'Describe the controller'. There are three input fields: 'Mitsubishi Electric', 'FH', and 'Give it a name'. A 'Done' button is at the bottom.





AirPatrol WiFi Main view

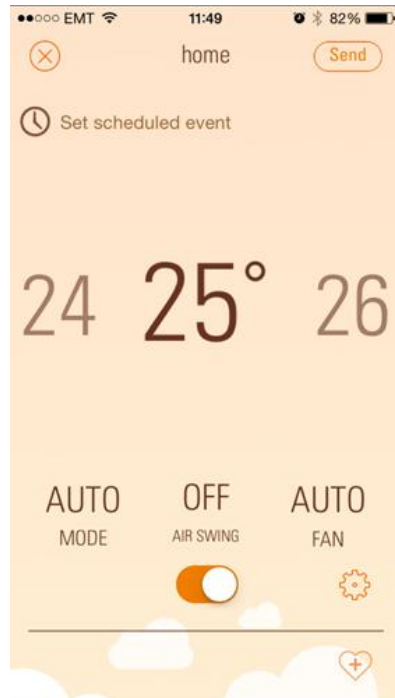
This is the main view for AirPatrol App.

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



Sending commands

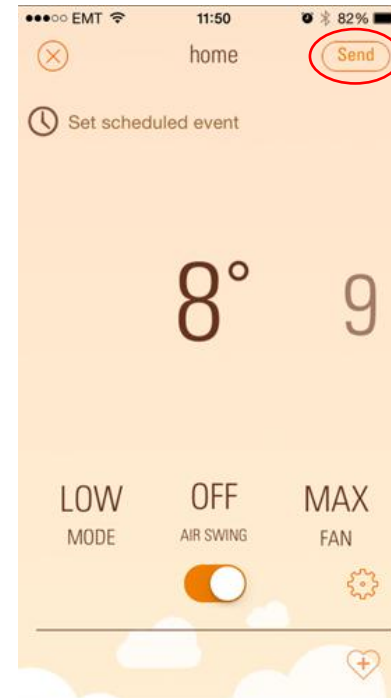
Sending commands is easy, just select your desired settings and push send button.
For example setting LOW HEAT mode:



1. Make sure the
ON/OFF switch is ON

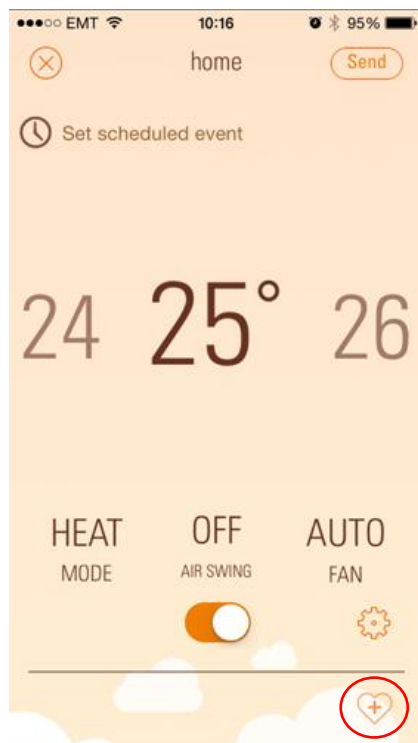


2. Select MODE and
LOW HEAT

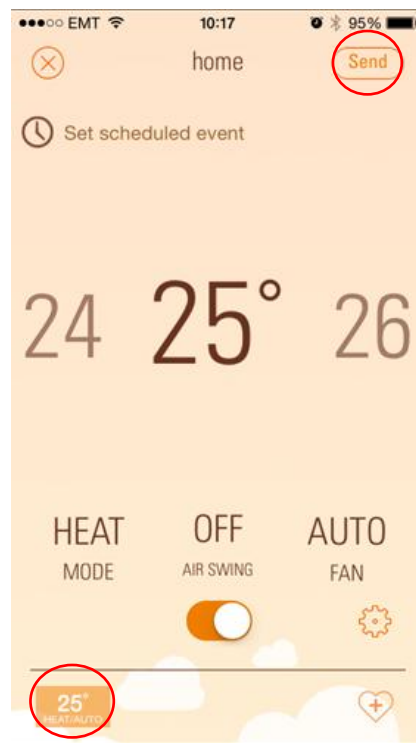


3. Press SEND button

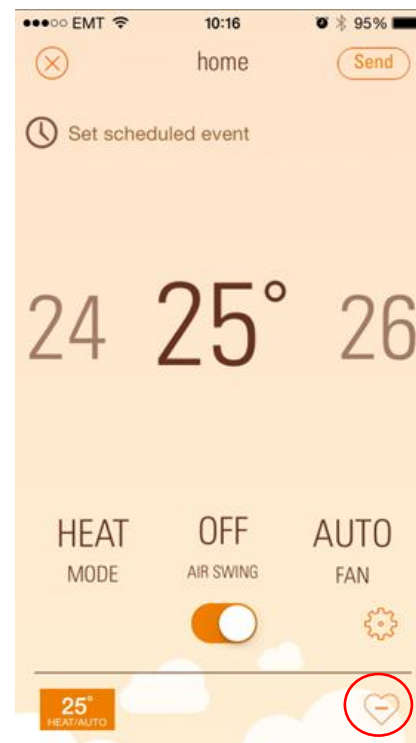
Add / delete favourites



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 AC model
- set alarms



From VERSION menu you can see

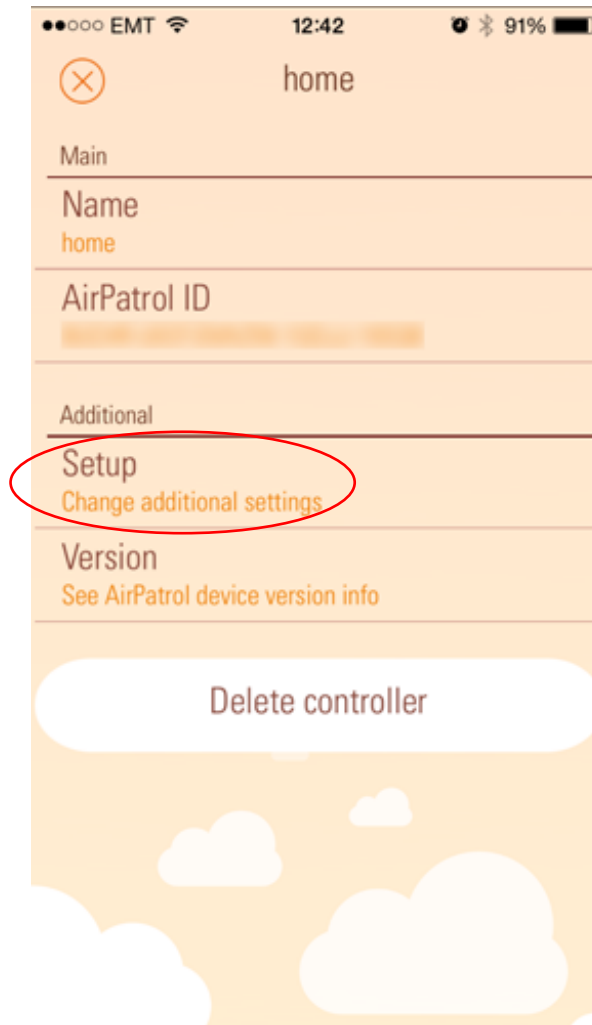
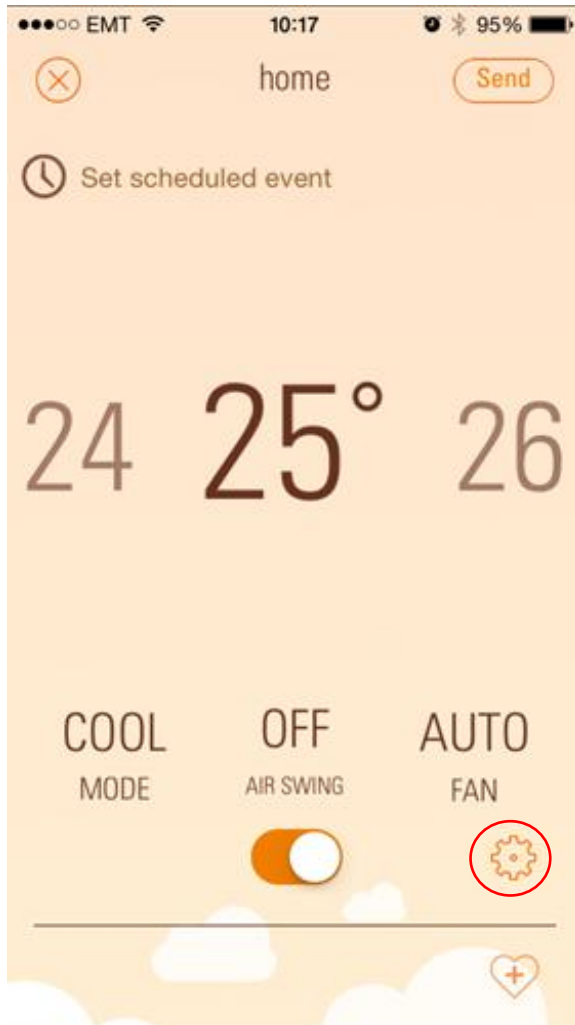
- Firmware version
- Controller uptime
- WiFi network

Alarms settings

1 Alarms menu

First go to settings menu (see page 23).

From Settings menu select SETUP.

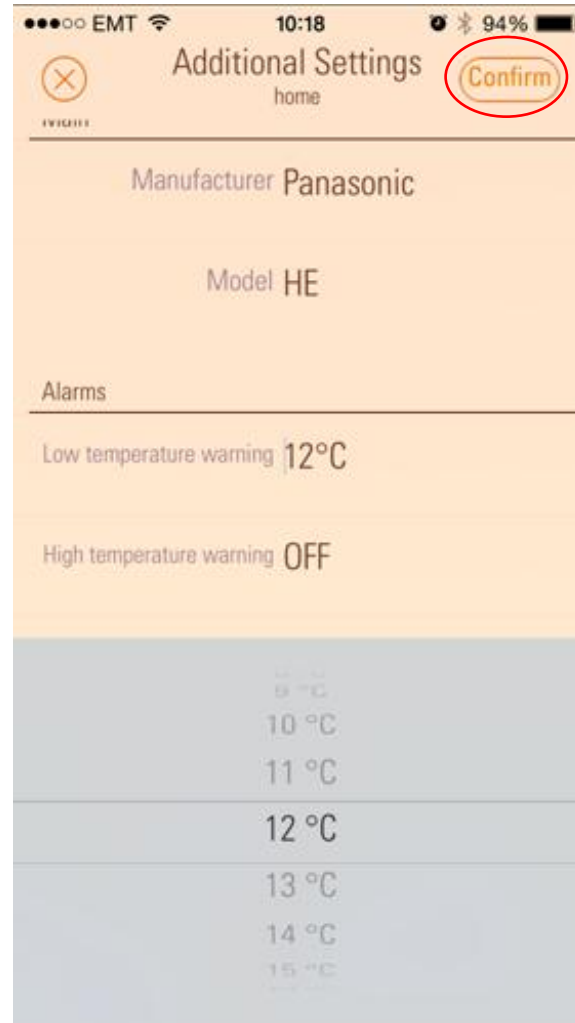


Alarms settings

2 Alarms setup

All alarms are set OFF by default.

In order to turn alarm ON just press on it and after that scroll to the temperature that you would like to set the alarm trigger and press Confirm.

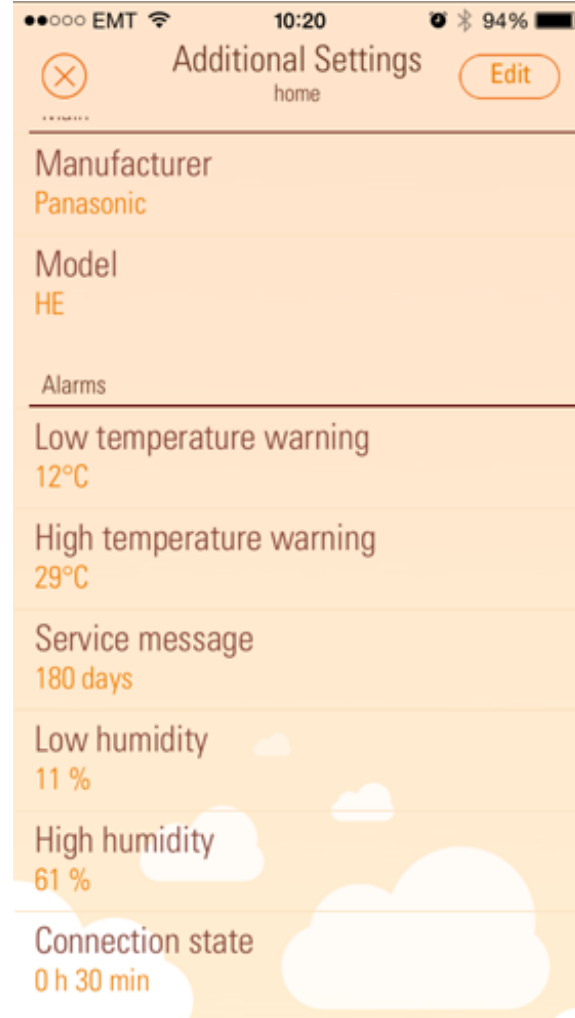
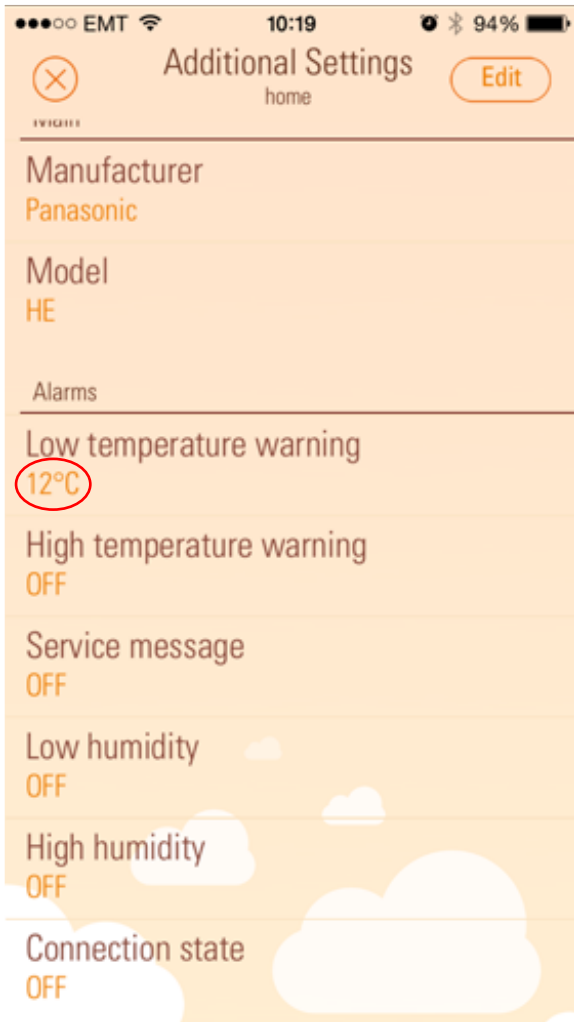


Alarms settings

3 Alarms setup

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

All values are then sent to the controller and are applied.

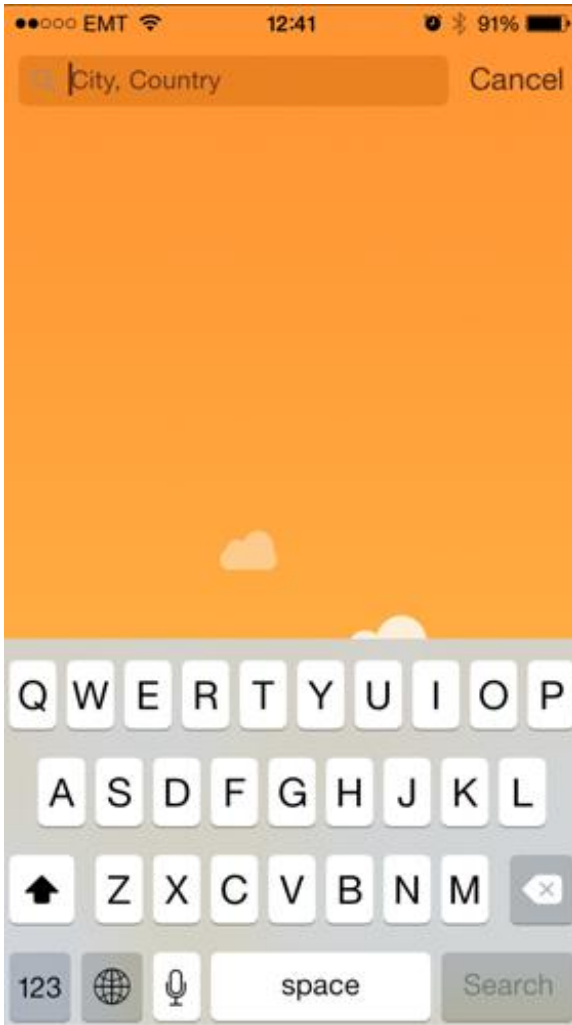


Local weather report

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.



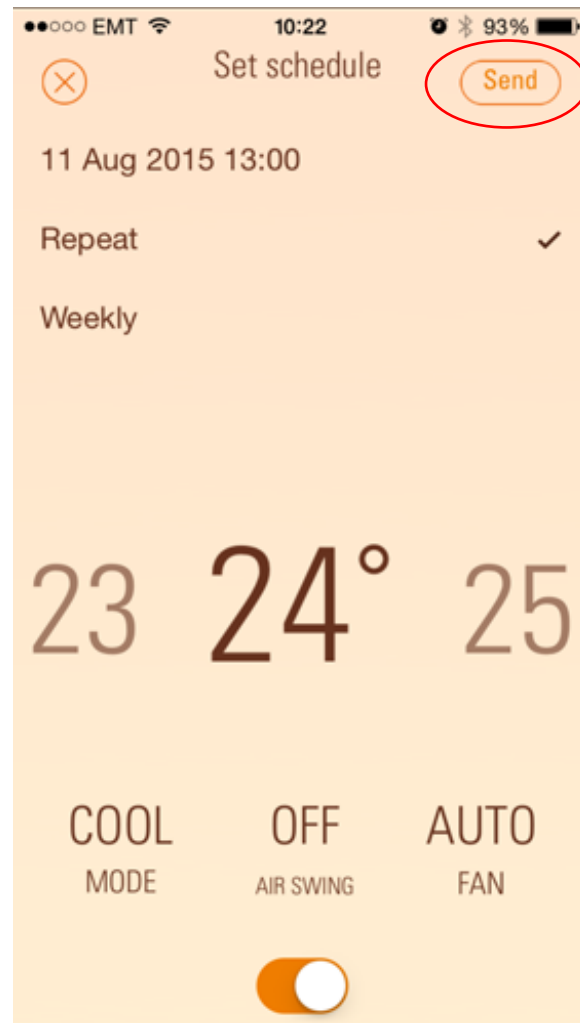
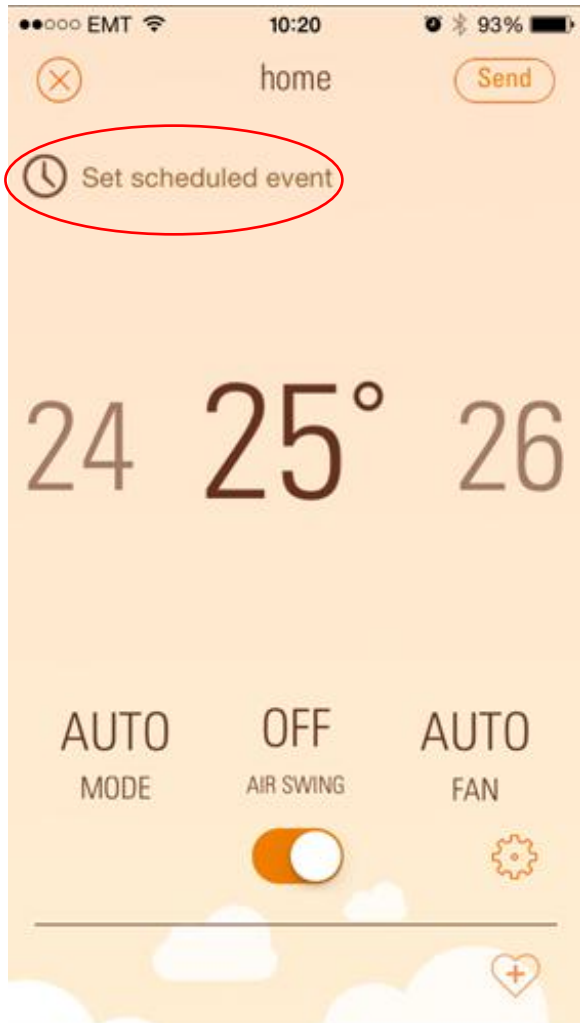
Timer function / Scheduled events

1 Adding timers

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

You are now able to set a date and time, schedule for the timer.

Follow the steps as you like and click SEND.



Timer function / Scheduled events

2 Adding timers

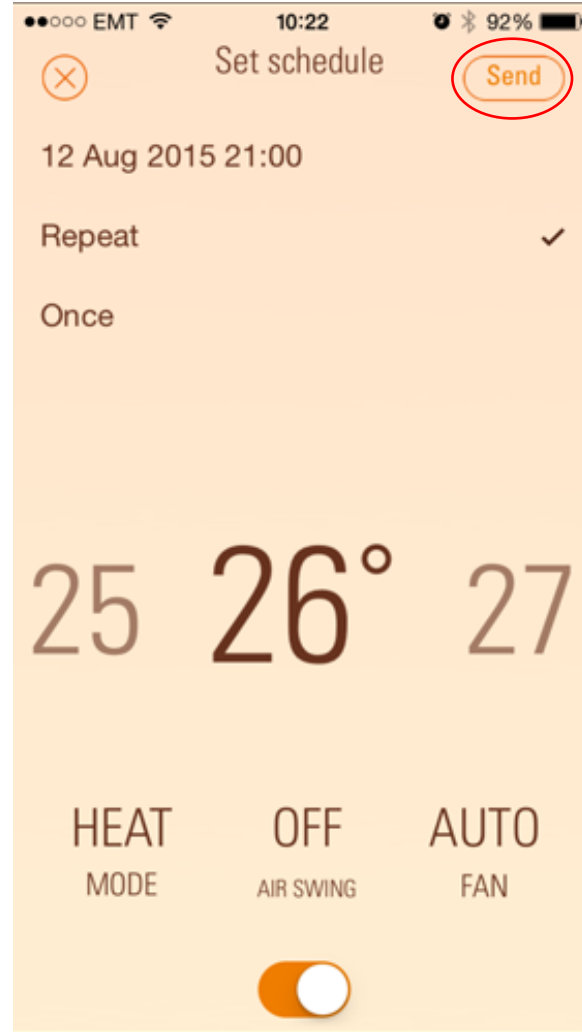
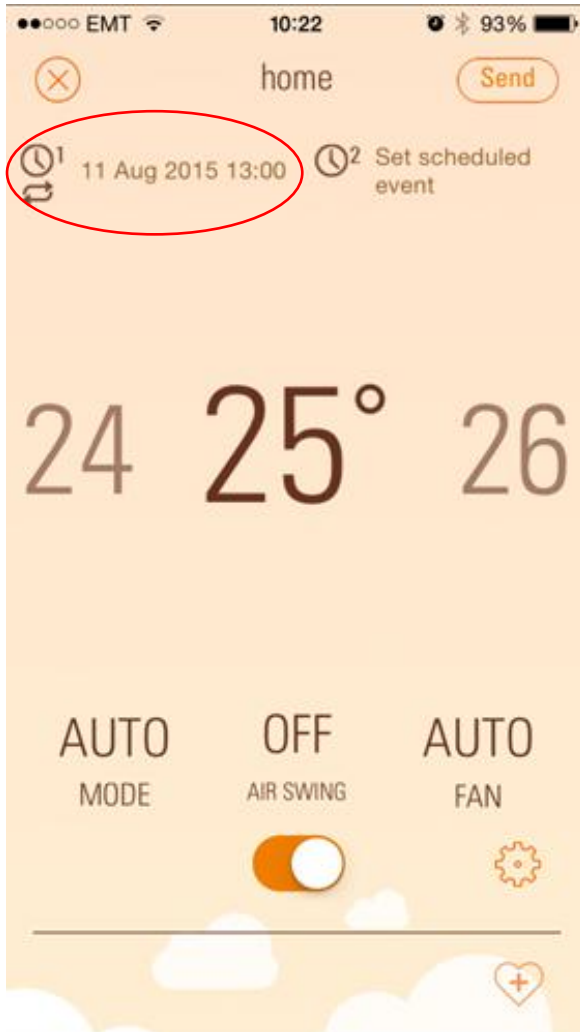
Now you will see your timer at the timer bar.

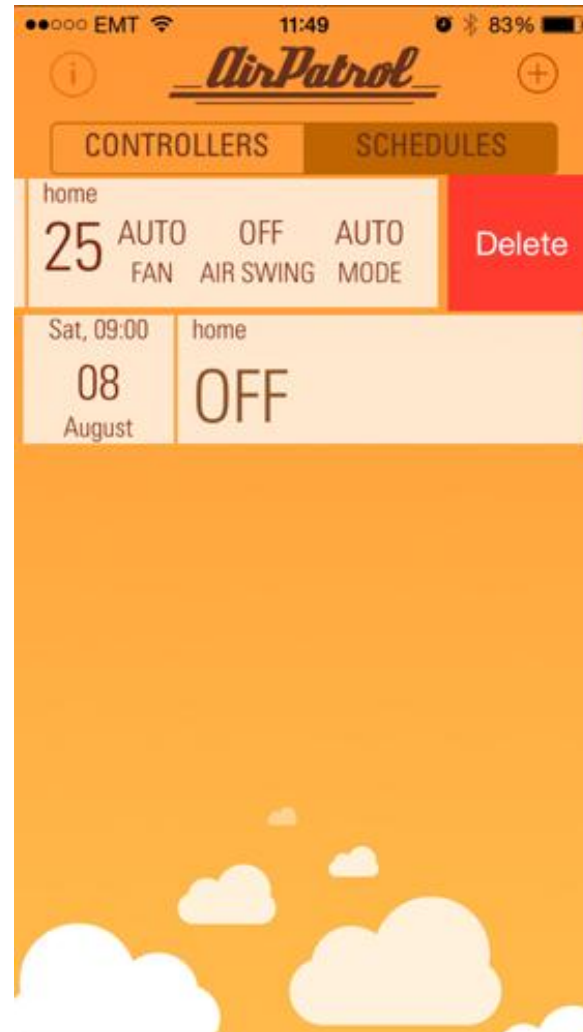
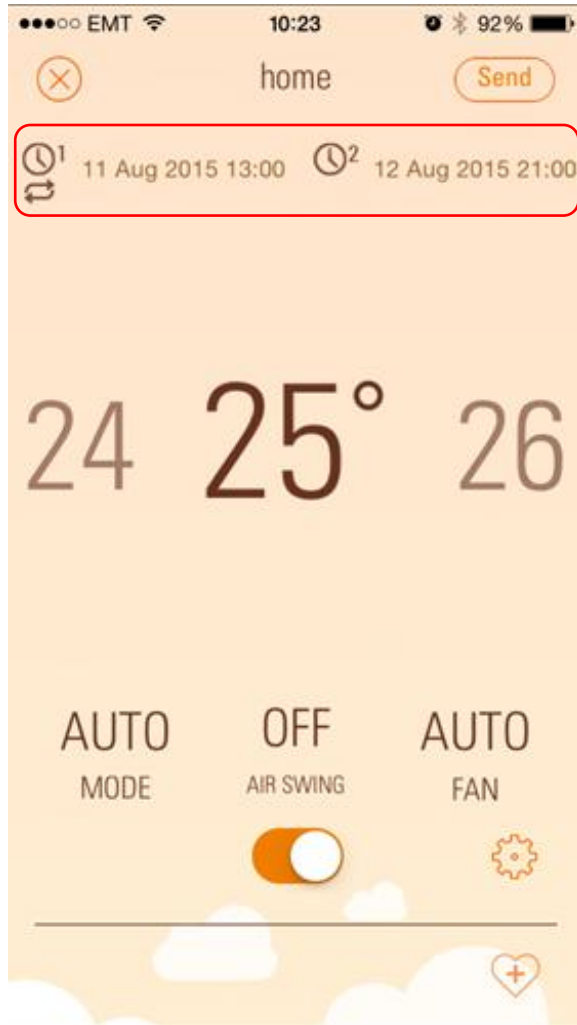
Please set the temperature, mode and fan speed for that timer also choose power ON or OFF.

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.





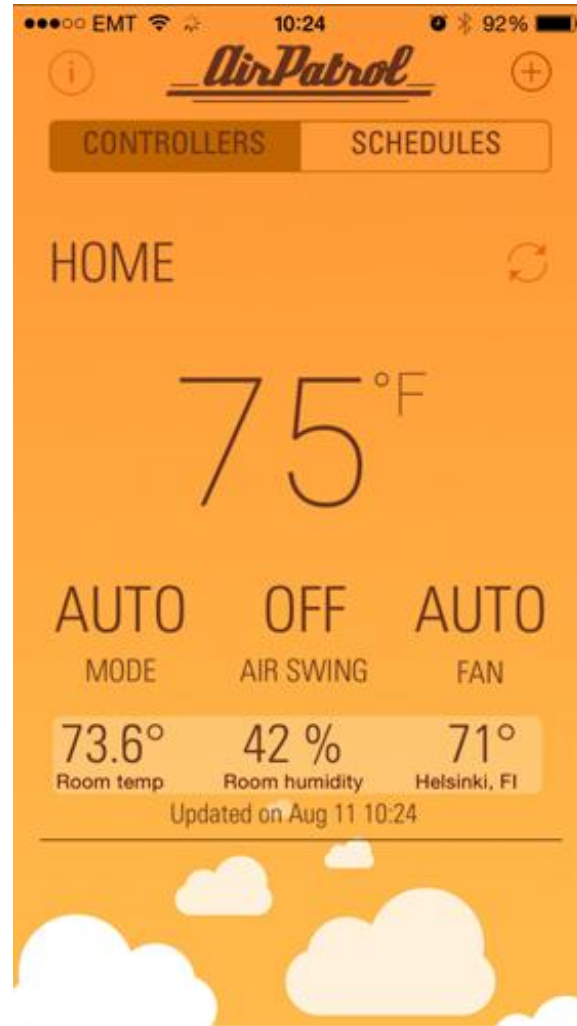
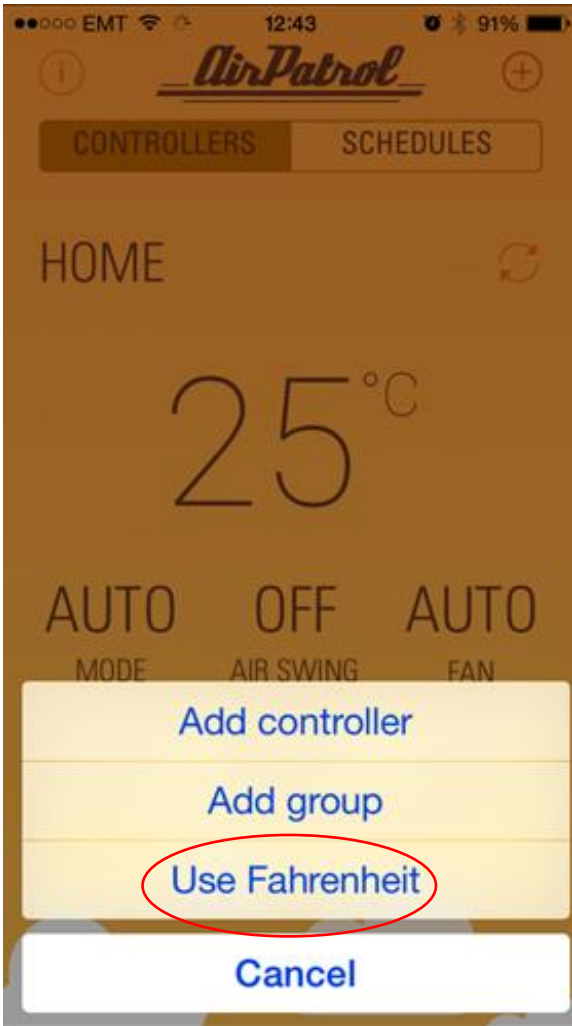
Timer function / Scheduled events

2 Adding timers

Timers can be adjusted any time by clicking on the schedule bar.

To delete a timer just slide the selected event to the left and DELETE option appears.





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 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

For more materials and support visit:

www.airpatrol.eu/support

