

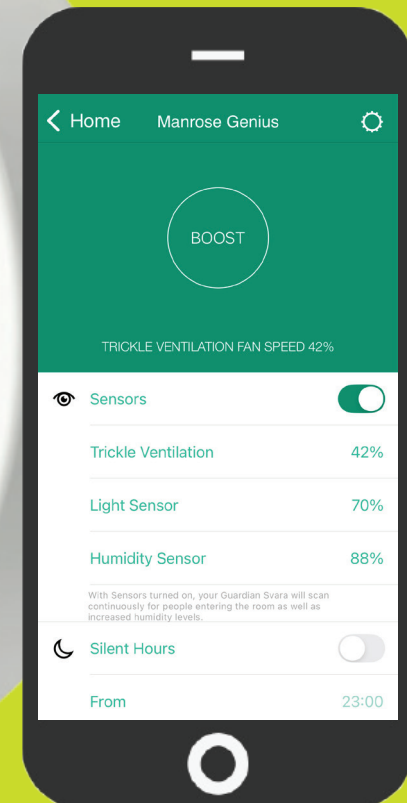
MANROSE®
DESIGNER SERIES

GENIUS

IEQ Guardian App Function Overview



I.E.Q. Guardian



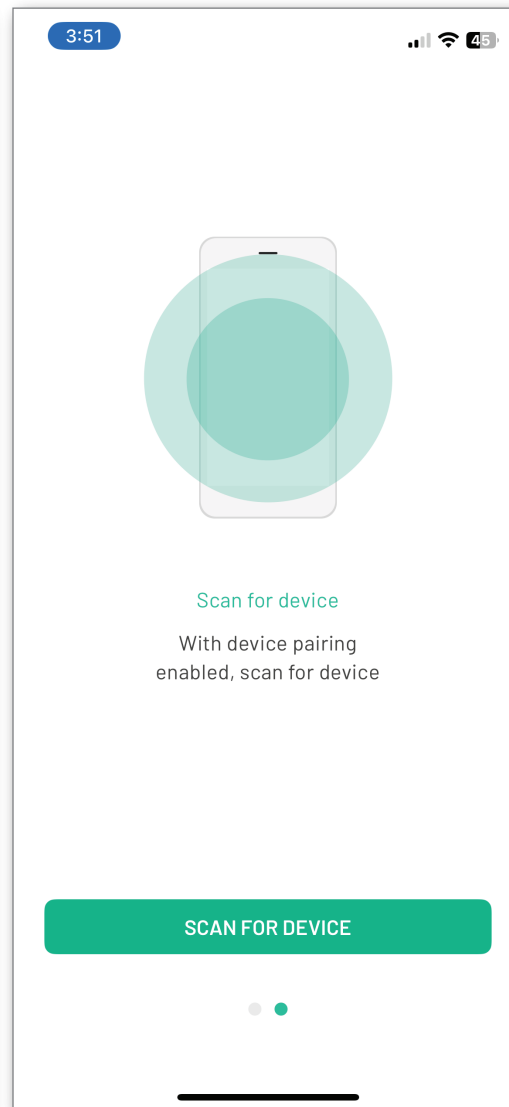
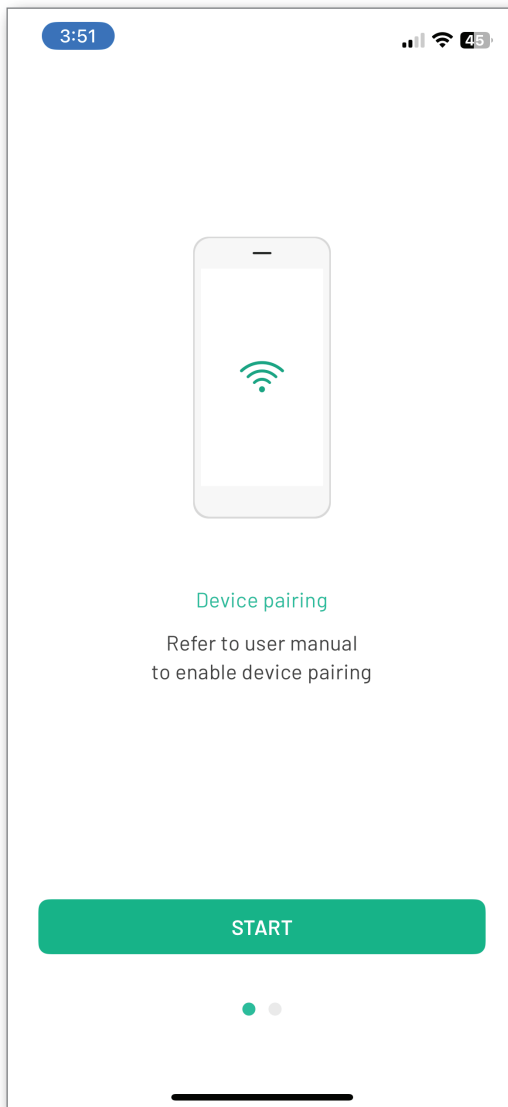


Thank you for choosing the award winning Manrose Genius - the leading 100mm intelligent through-wall ventilation fan kit. This innovative ventilation product was designed and built in Sweden by a sister company in our group - PAX. The PAX User and Installation Guide, included in the Manrose Genius kit, is applicable to the Manrose Genius, except for the specific details below. Locate the App by searching for IEQ Guardian from compatible android or iOS devices, using Google Play or App Store respectively.

Learn more about all the possibilities with our App at www.manrose.co.nz.



*The Image/interface in the app might be different between IOS and Android versions.

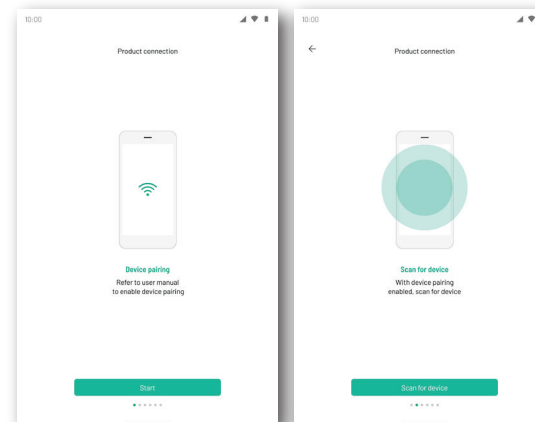


START

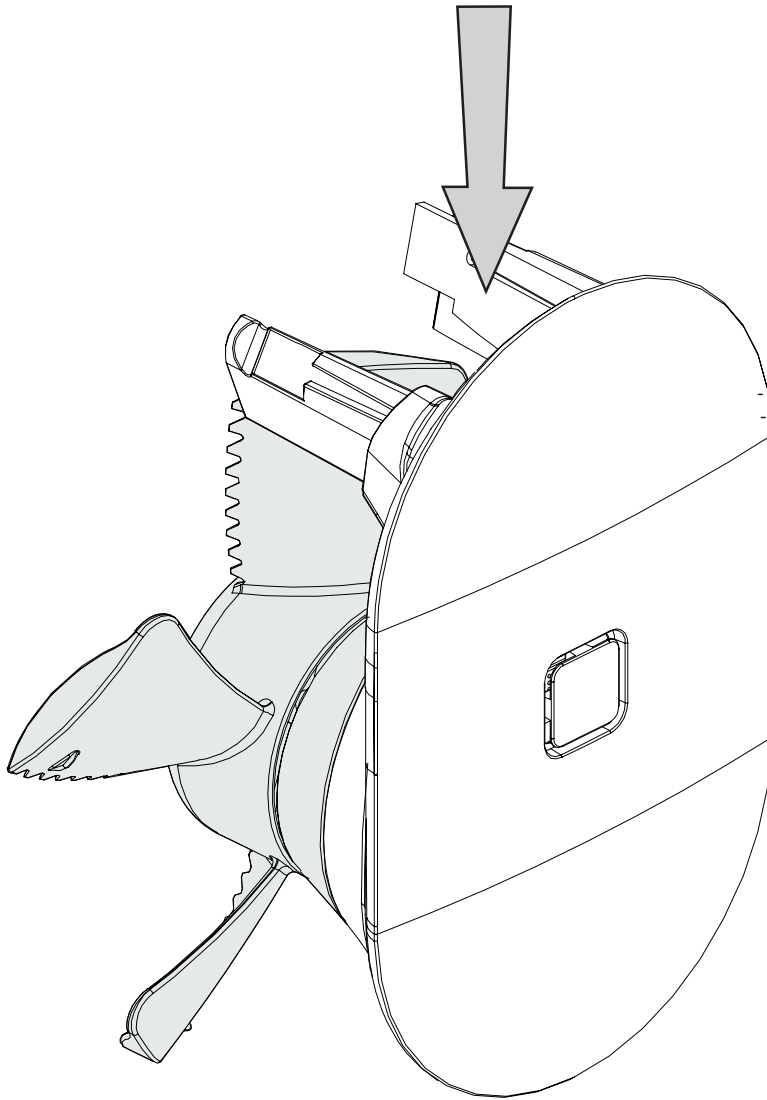
These slides are designed to aid in the set up and demonstration of the Manrose Genius app controlled fan.

The fan can be used without setting up on the app and, in this case, will operate on default factory settings.

To start the pairing process, click START and follow the instruction.

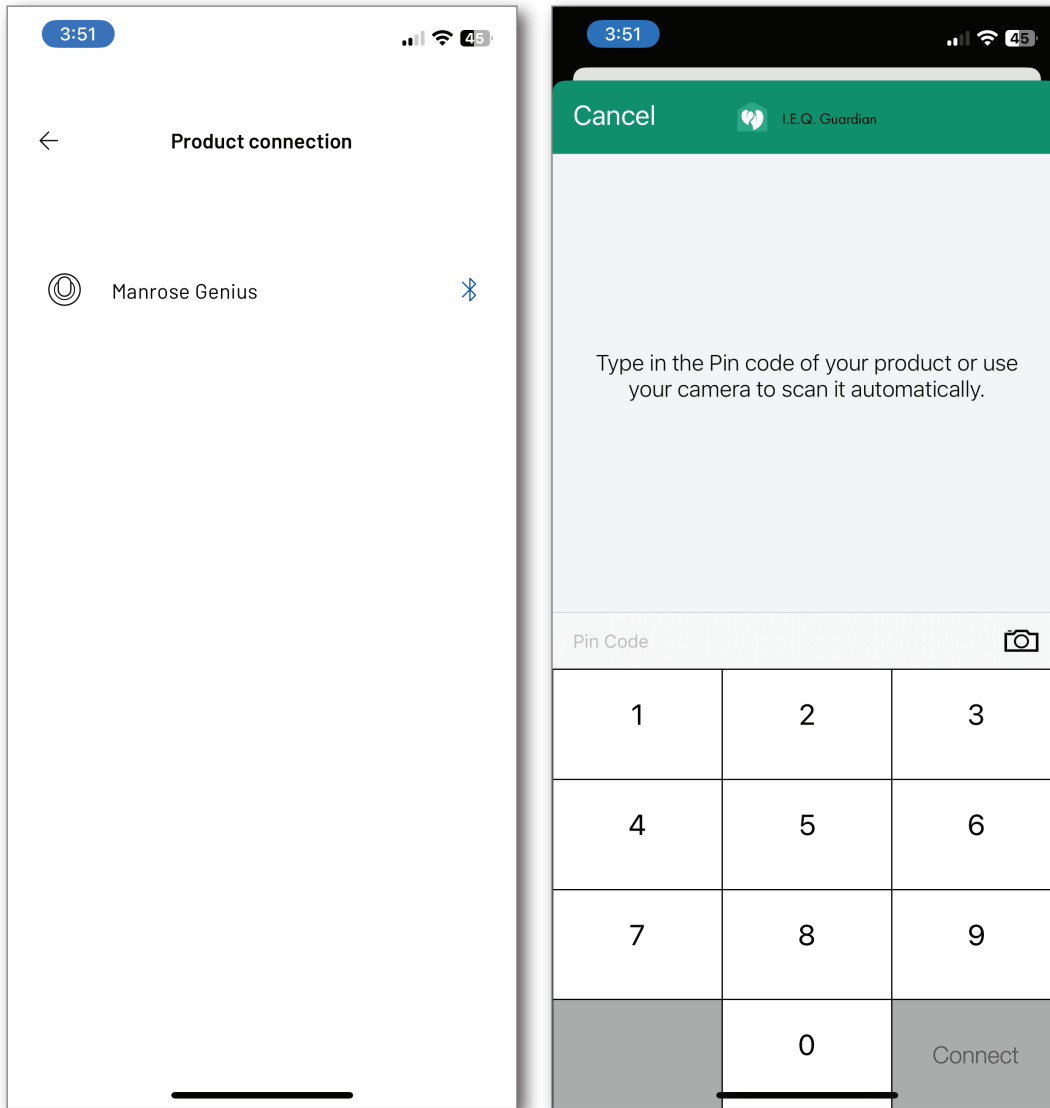


Unique Pin Code



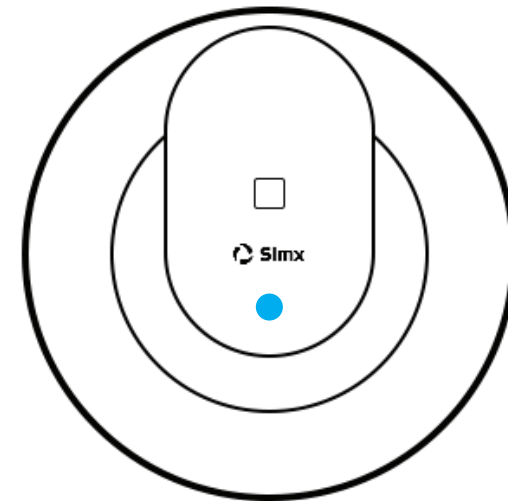
To activate the App, enter the fan's unique code, found on the right leg of the motor unit as shown.

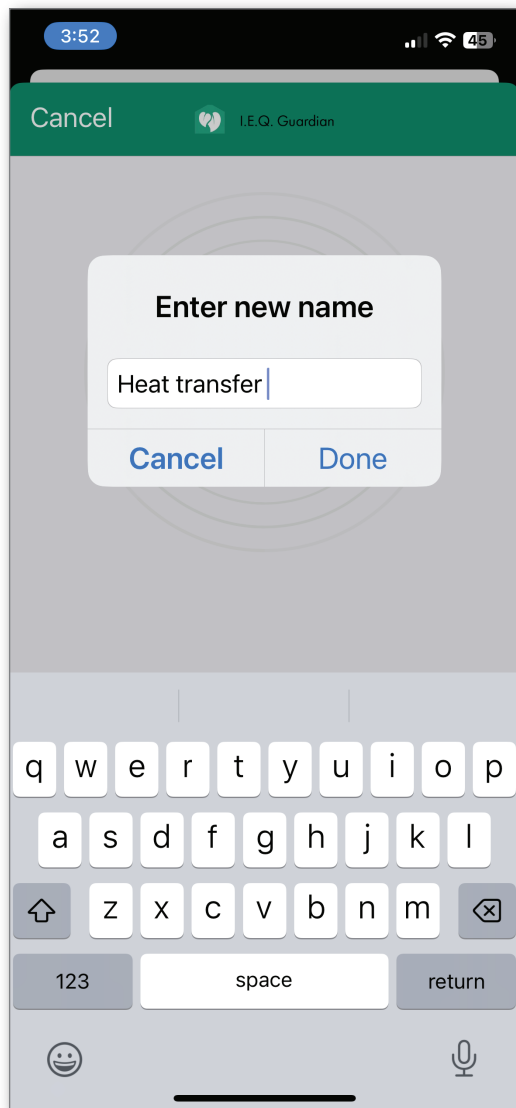
To remove the motor unit, firmly grip and pull out from the housing. To return the motor unit to the housing, align tabs and click back into position.



Pairing

Once the unique pin number is entered the fan will display a blue light to show communication is taking place.





Rename the Device

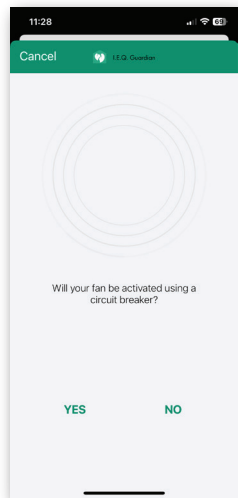
If you have more than one fan in the home, you can re name them to suit their locations. For example

- Family Bathroom
- Ensuite 1
- Ensuite 2
- Spare Room
- Utility Room
- Kitchen

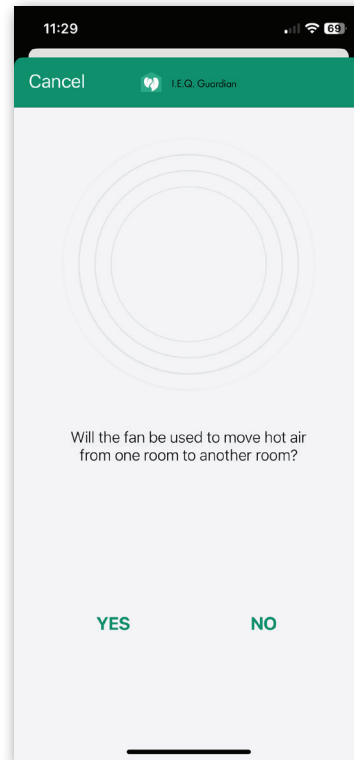
The name will appear in the full list and gives the user the reassurance that they have selected the correct fan before proceeding to change the settings or functionality.



How to get to different settings - IOS

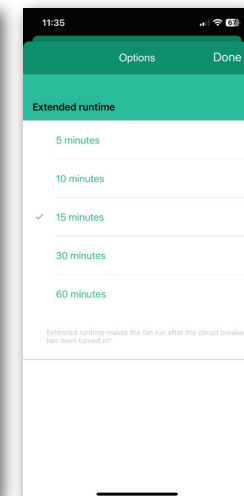
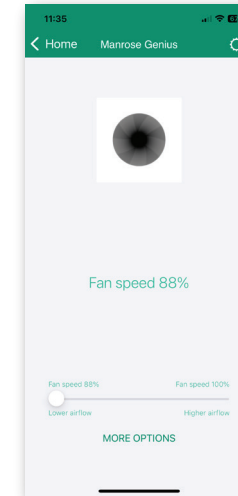


→ YES →



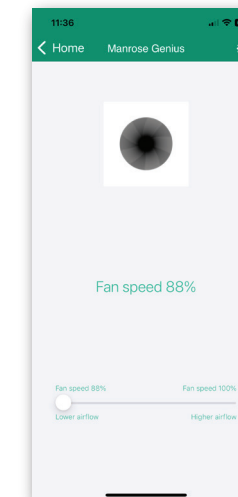
→ YES →

Manual Control + Timer

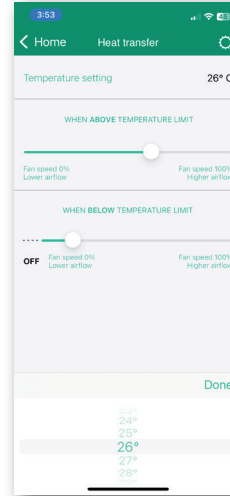


→ NO →

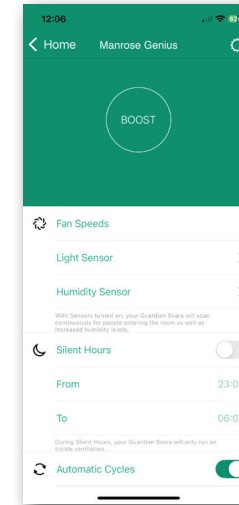
Manual Control



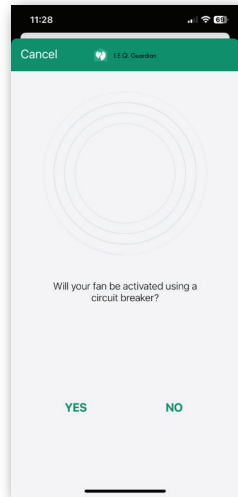
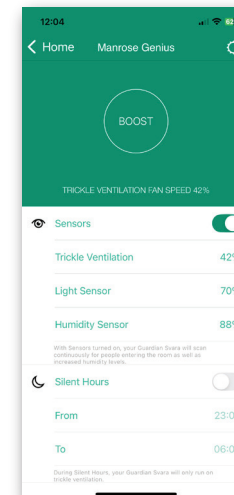
YES → **Heat Transfer**



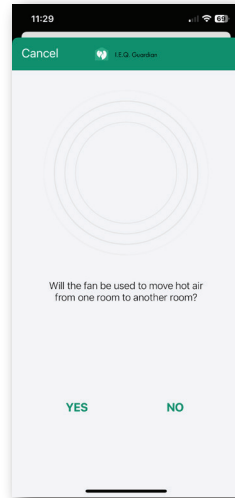
YES → **Intermittent + Sensor**



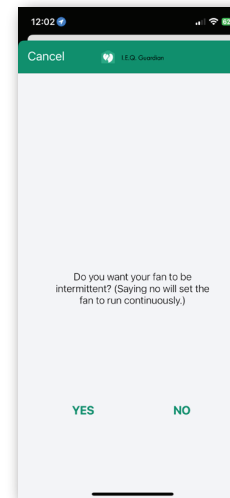
NO → **Continuously Extract**



→ **NO** →



NO →

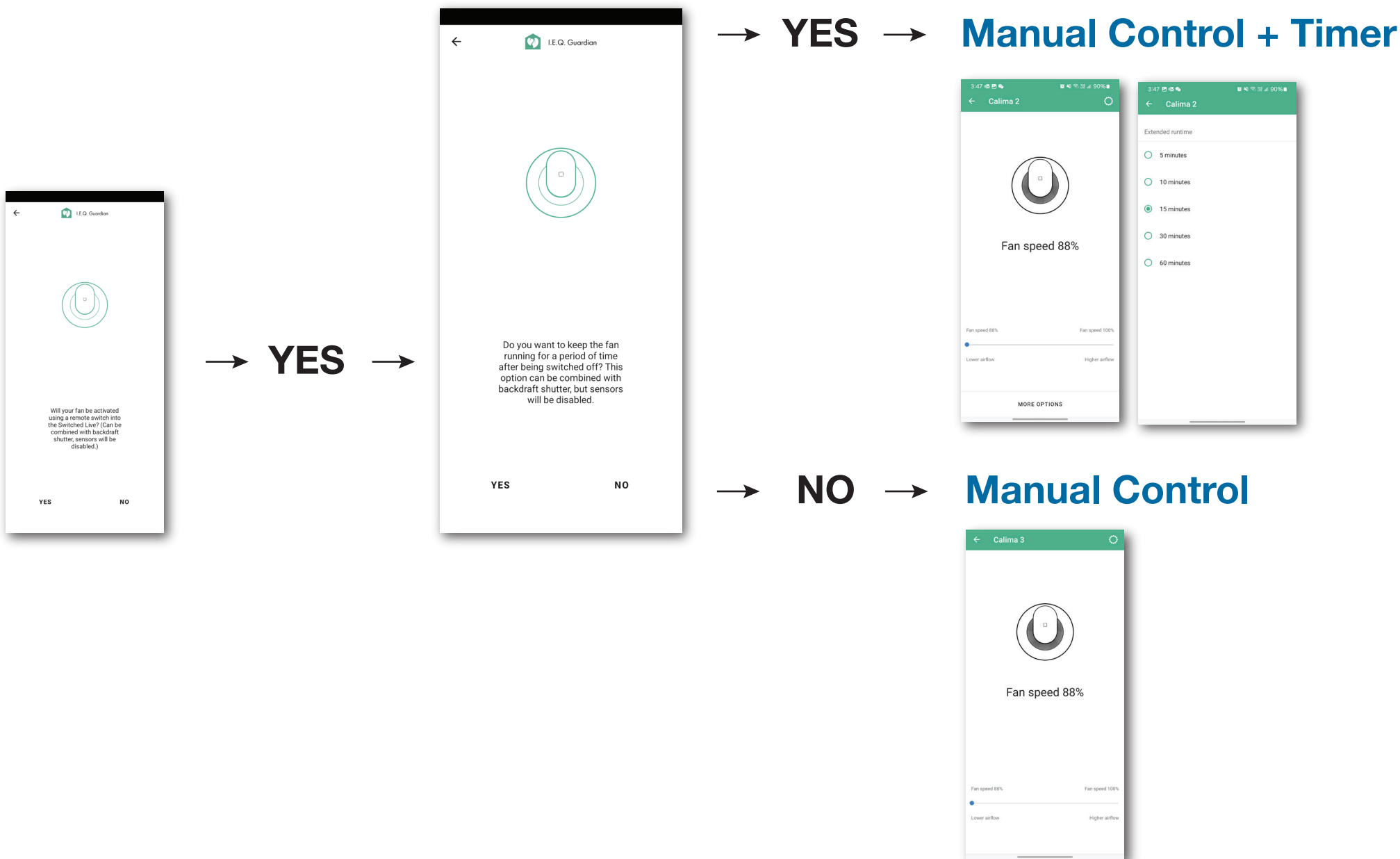


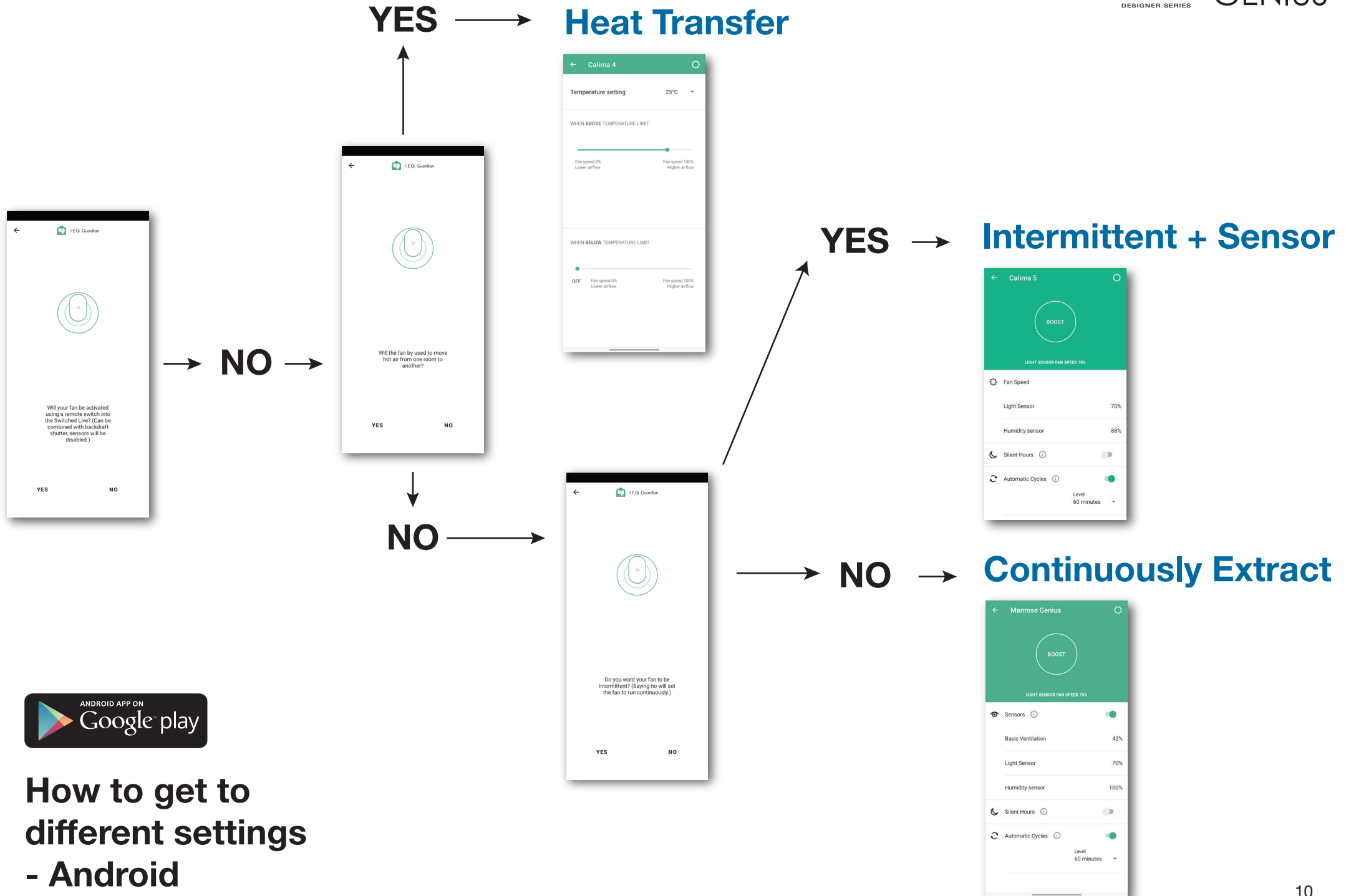
→ **NO** →



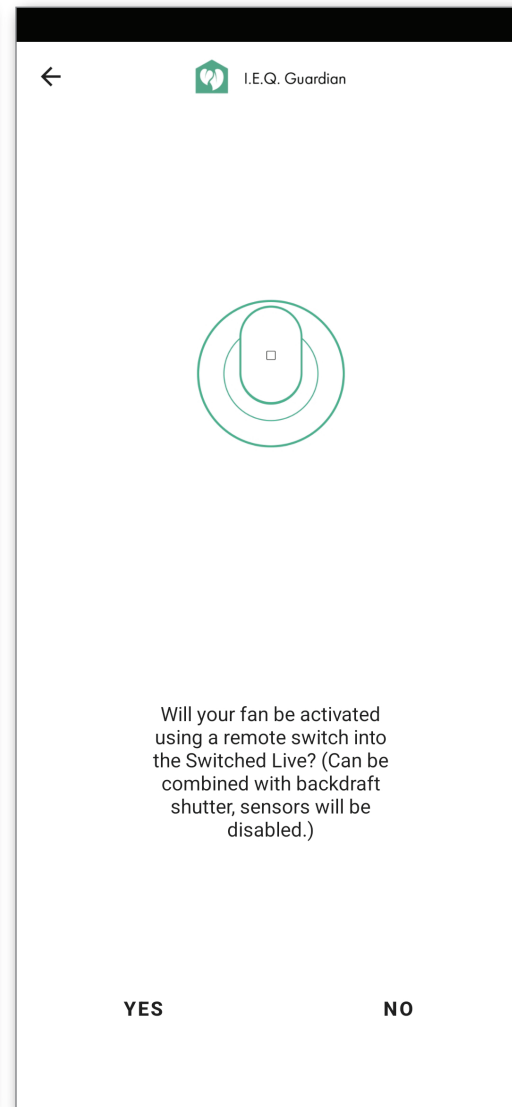
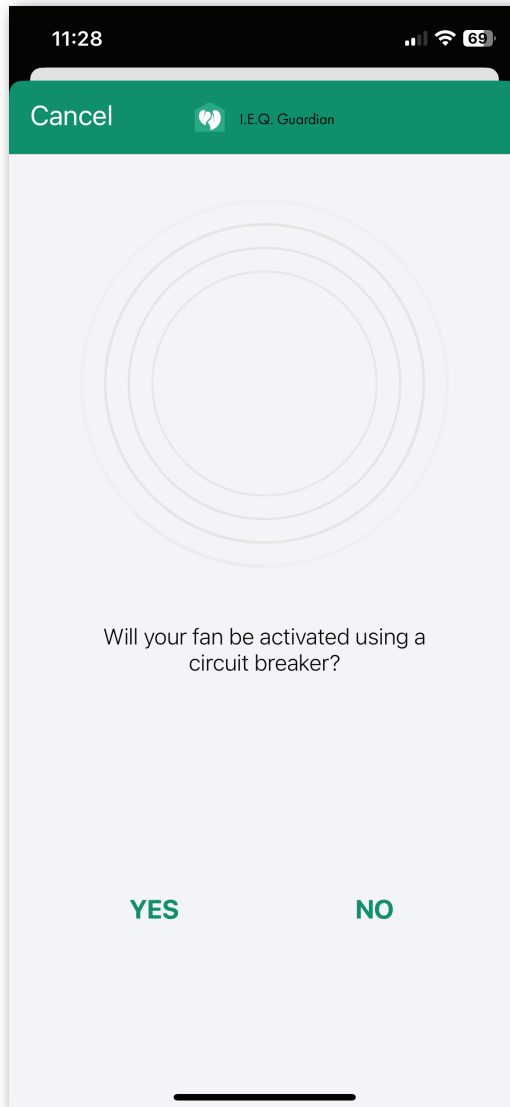
**How to get to
different settings
- IOS**

How to get to different settings - Android





How to get to different settings - Android

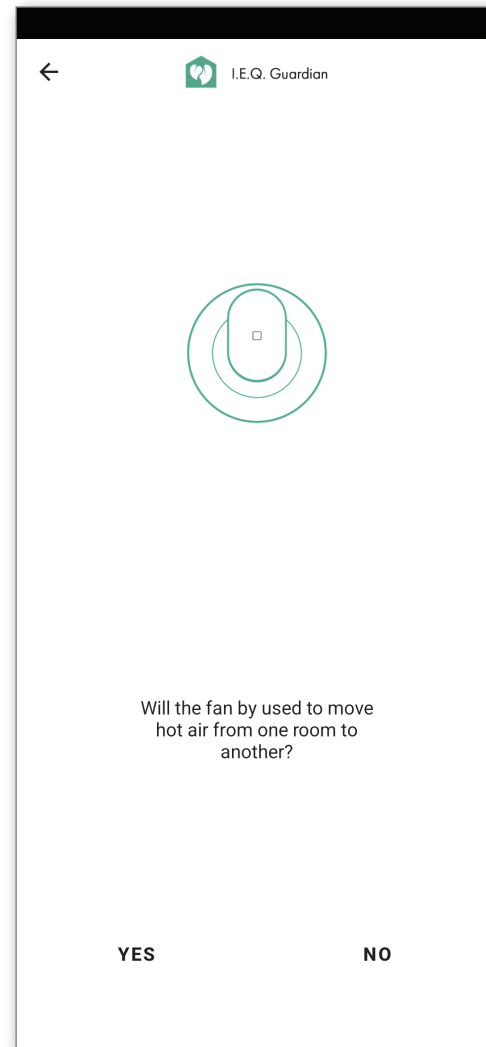
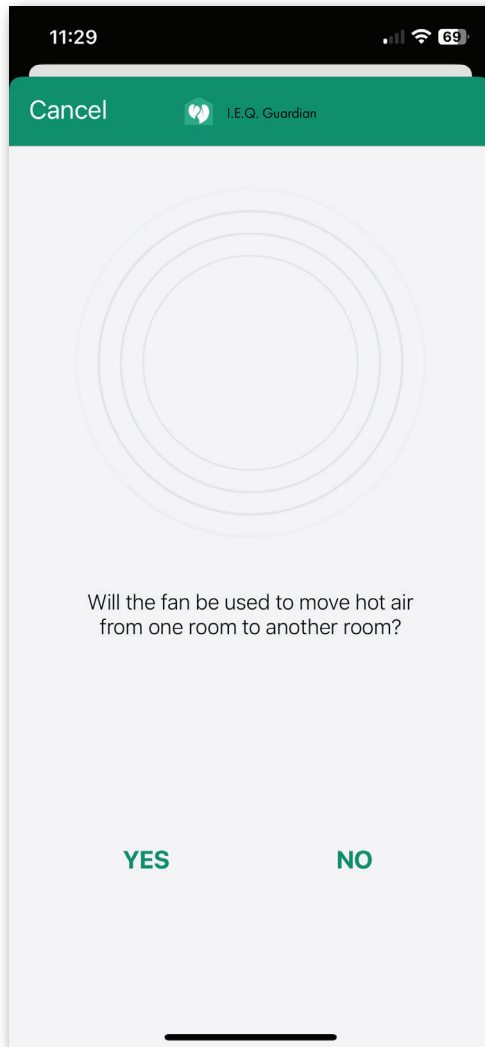


Switch Setting

Please note that in order to use the automation control functionality of the Manrose Genius, it is recommended that it is NOT activated using a circuit breaker.

Also, if replacing a standard basic fan or pull cord fan that only has a two-wire power supply, select NO.

If, however, you simply wish to run the Manrose Genius via a manual control, select YES.

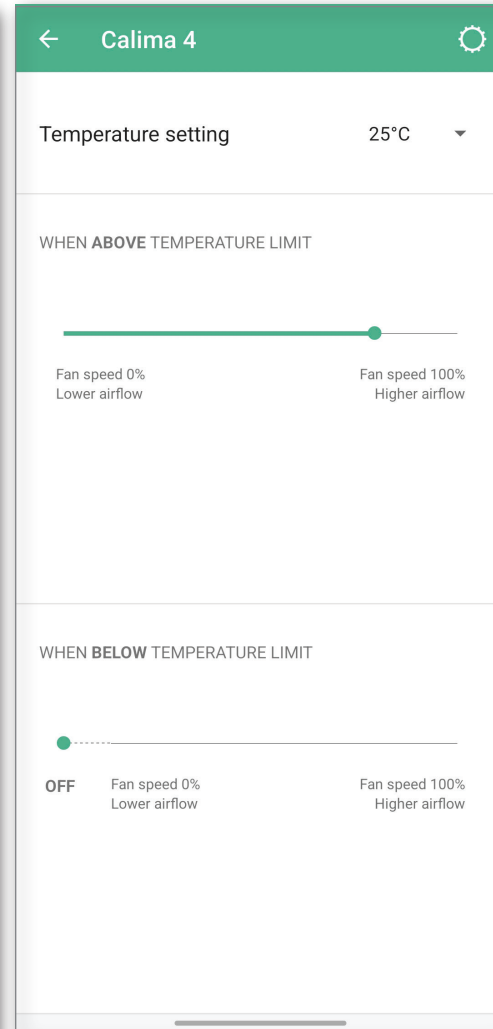
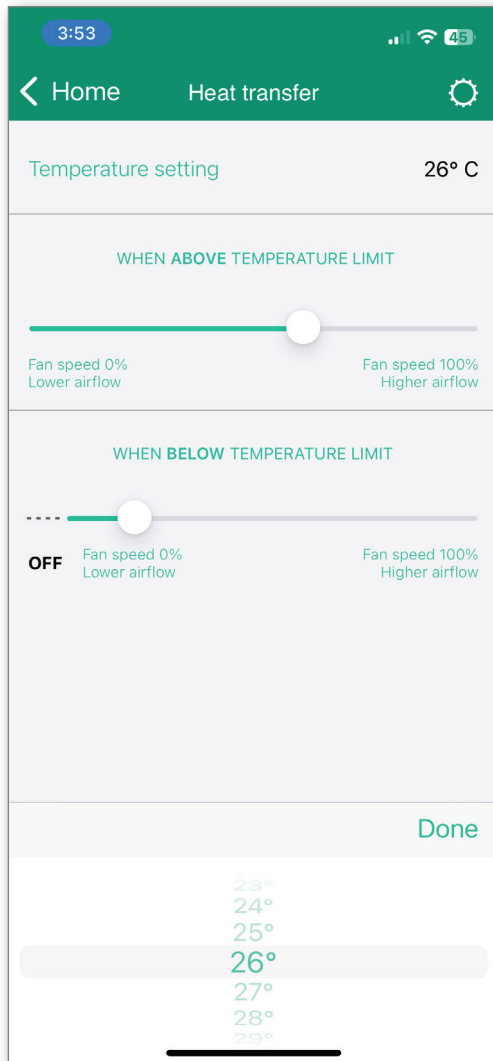


Heat Transfer Option

Manrose Genius can be set-up as a Heat Transfer unit to move warm air through an internal wall from one room (eg. lounge) to an adjacent room.

The IEQ Guardian App can be used to set-up this function and adjust settings.

Refer page 13 for Heat Transfer settings



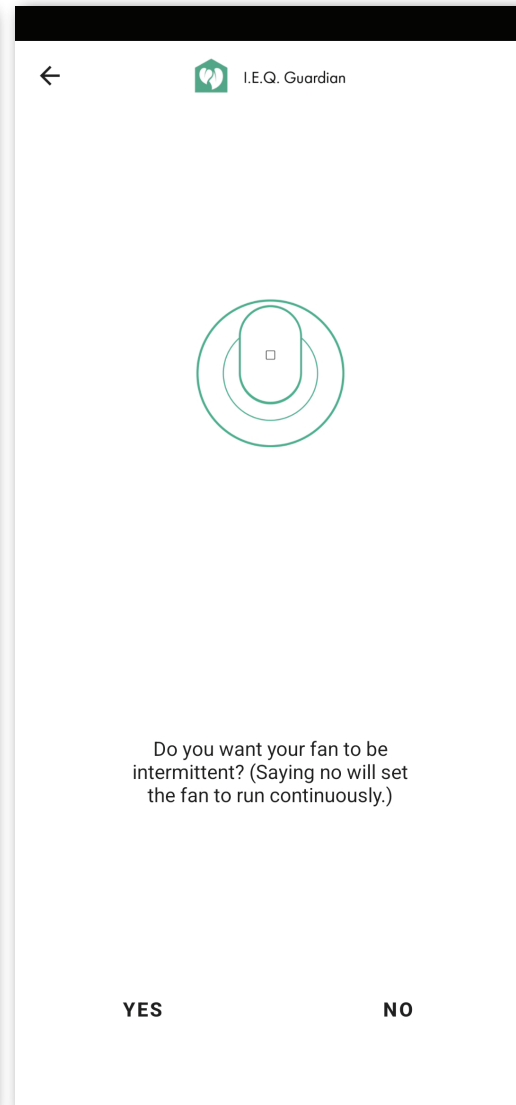
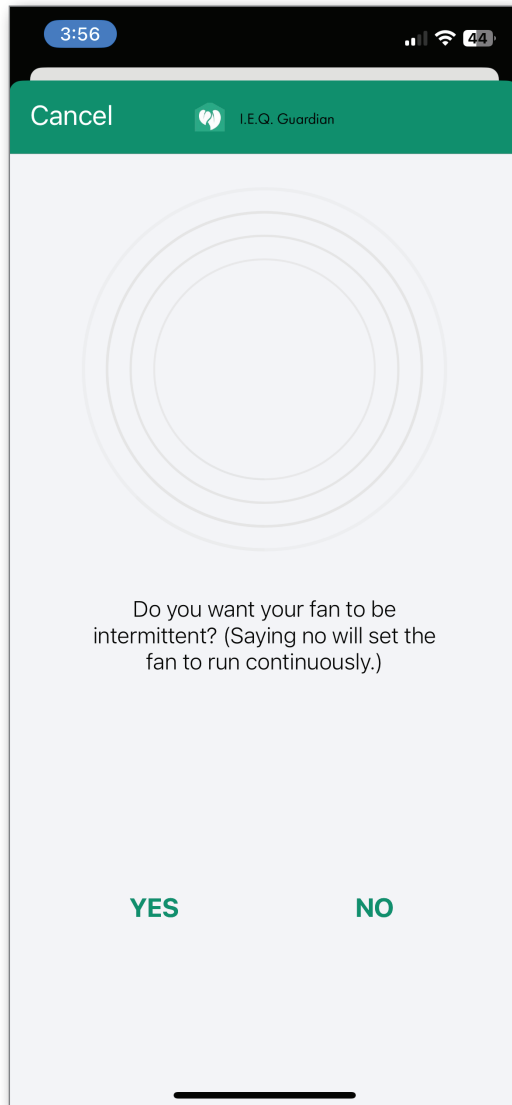
Manrose Genius as a Through-wall Heat Transfer Unit

For heat transfer select the temperature at which you wish the fan to start moving the warm air from one room through an internal wall to another room or hallway.

Set the speed of the fan when operational in heat transfer mode.

Then set the ventilation trickle speed of the fan when it is below transfer temperature.

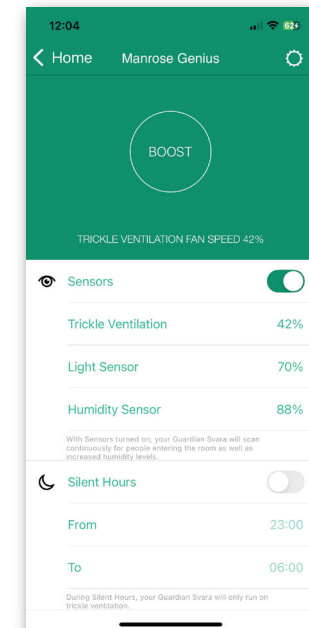
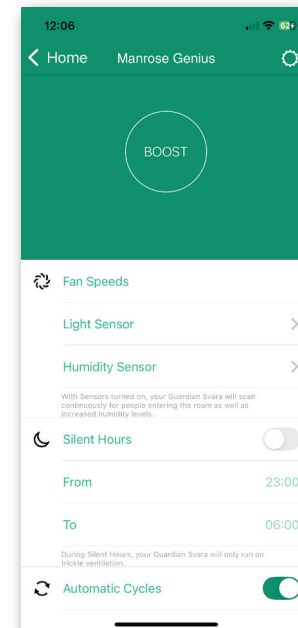
This could be off or you could set to have trickle ventilation.

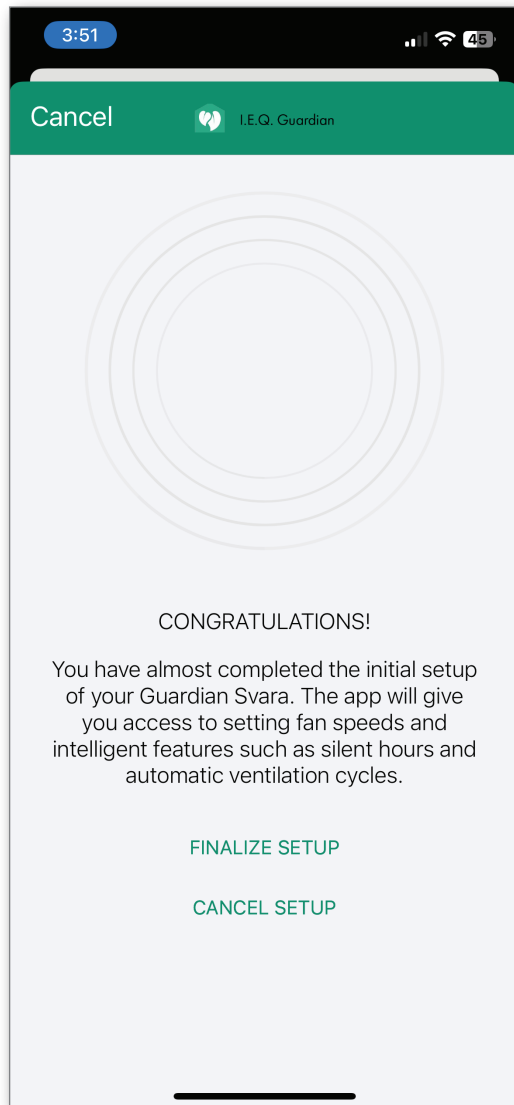


Intermittent Fan v.s. Continuous Extraction

The fan can also be used as an intermittent fan or as a continuously running fan.

Intermittent + Sensor Continuously Extract



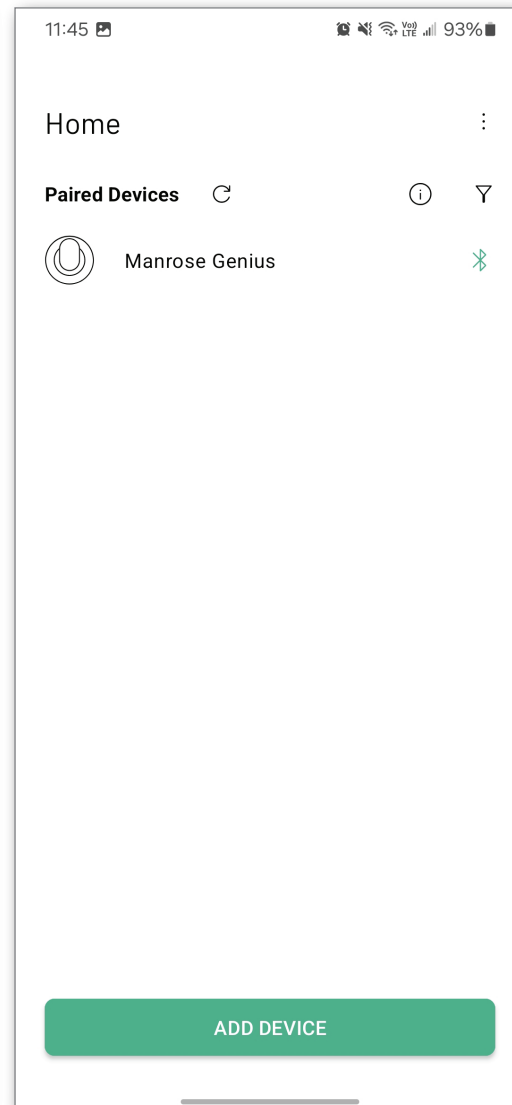
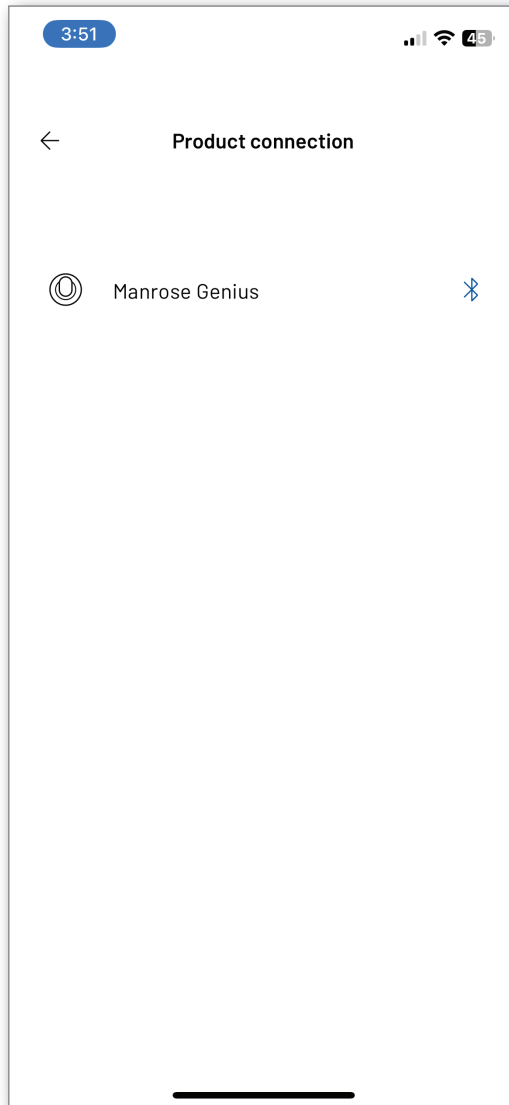


Finalise Setup

Congratulations.

Once you have linked the fan, you can proceed to setting the individual fans the way you want.

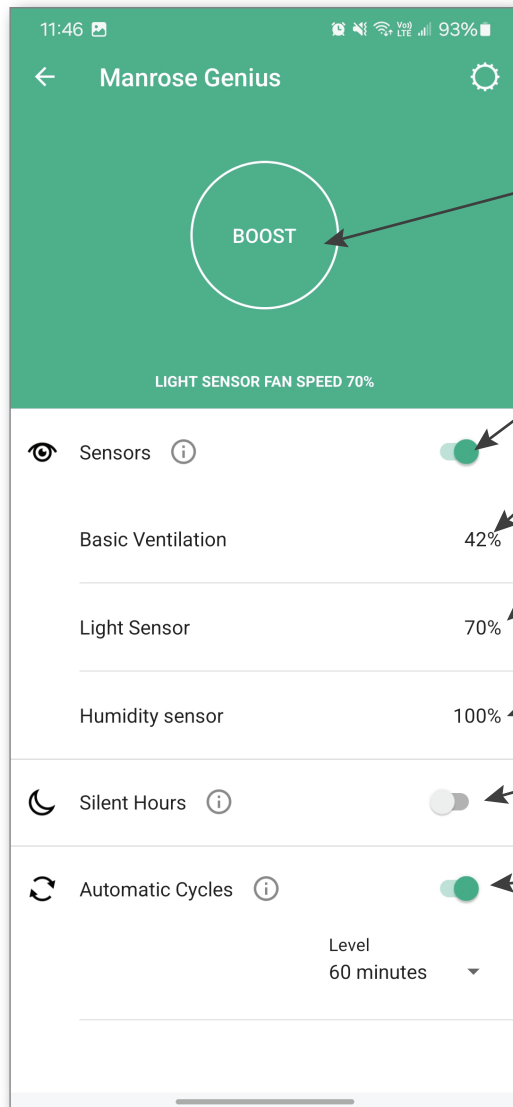
Providing you with the most intelligent, controllable and flexible 100mm fan available.



Home Page

Once the set up is complete you can select the individual fan from the list.

You can then begin to enjoy the flexibility and controllability of the Manrose Genius.



App Control

Boost: Manually boost the fan for 15 minutes at any time to apply maximum ventilation.

Sensors: Switch the sensors on /off.

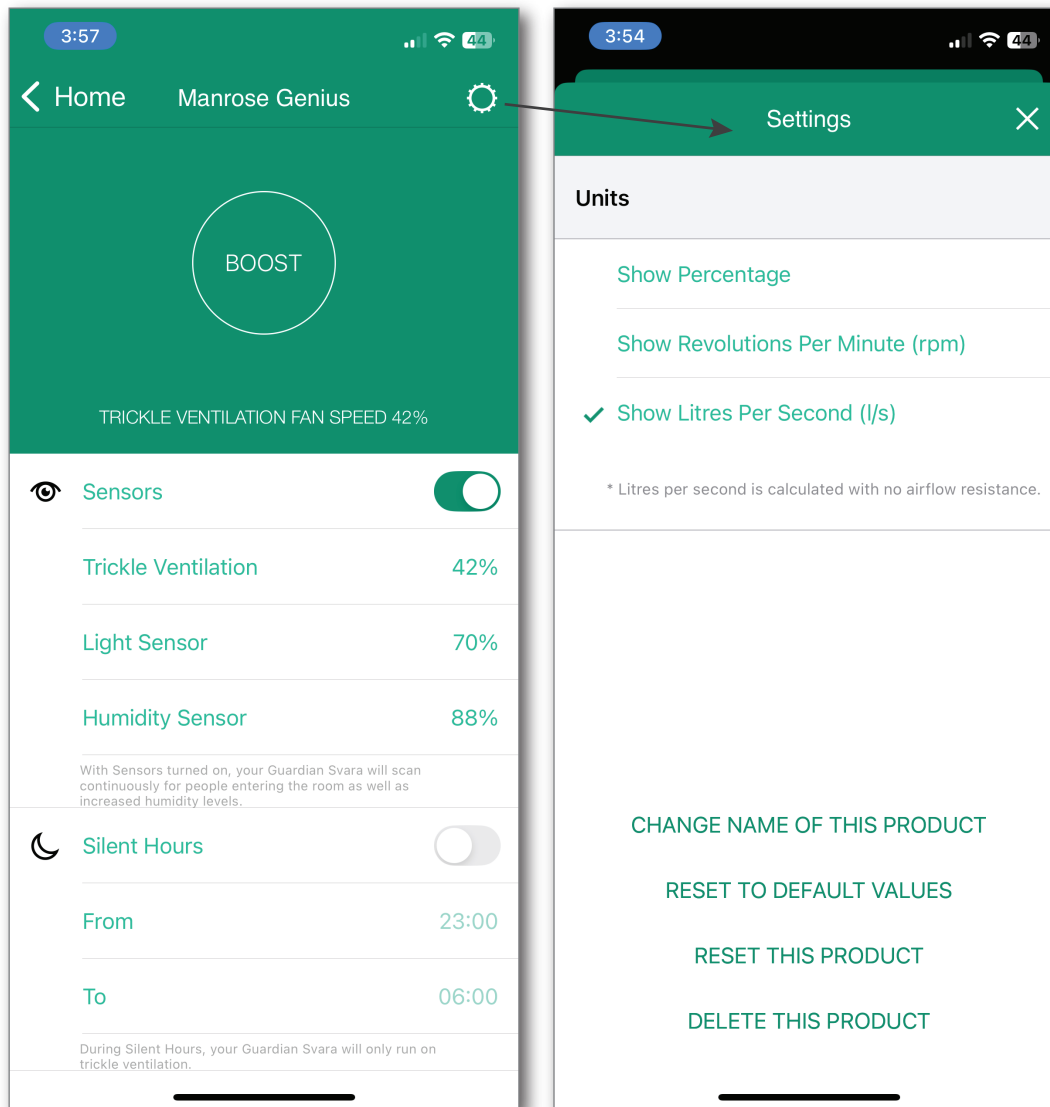
Basic Ventilation: Trickle or Basic Ventilation function. This will adjust the sensitivity and extraction rate of the continuous running cycle.

Light Sensor: The Light sensor allows the fan to be boosted automatically when room occupancy is detected via a light being turned on in the room. This can have a delay timer applied to avoid the boost activating on shorter visits. It also has an overrun function. Both of these are accessed by selecting more options once light sensor is selected.

Humidity Sensor: Adjusts the sensitivity and extraction rate of the humidity sensor function

Silent Hours: Schedule if you want silent hours by stopping the fan from boosting automatically. During these hours only the trickle function will be in place and the fan will not go to boost.

Automatic Cycles: Choose purge cycles for periods should you leave the house unoccupied. By selecting this option the fan will boost twice a day for either 30, 45 or 60 minutes. This will prevent the house becoming full of stale and humid air that can support mould growth.

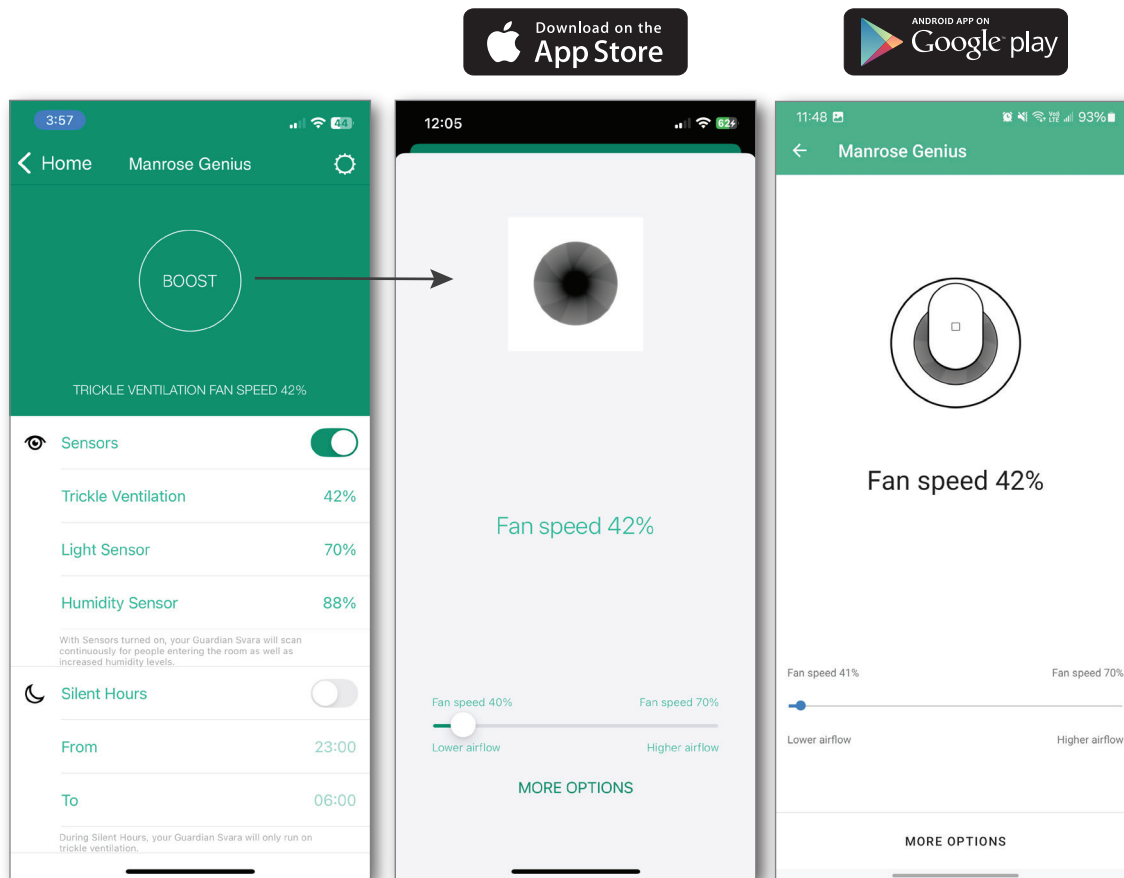


Settings

By selecting the settings icon at the top of the page you can make some functional changes.

Select how you want to display the airflow.

We would suggest selecting the litres per second display option. This way, when adjusting the sensitivity of the individual functions, it will be displayed in the quantity of air moved.



Fan Speed Control

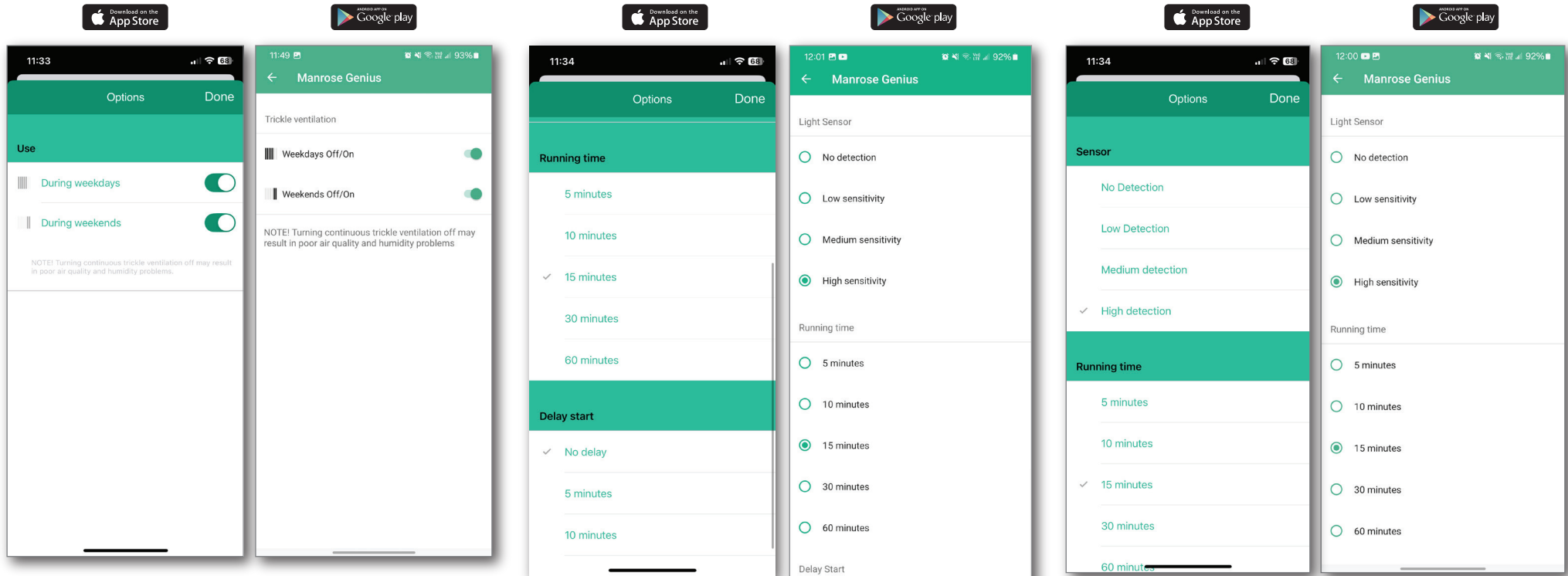
Once each of the individual sensors have been selected the adjustment is simple.

By simply sliding the bar left and right the amount of air moved when the function is activated is increased or reduced.

For example when the humidity function is activated the air flow can be adjusted from 22 l/s to 30 l/s.

This gives the end user total control. Additionally, the individual functions are able to be turned on and off or adjusted.

More Options



Basic/Trickle Ventilation

Select if you want to switch trickle/basic speed on/off

Light Sensor

Select sensitivity, overrun and delay start periods for the light sensor. This is obtained by selecting more options once light sensor has been accessed.

Humidity Sensor

Select sensitivity of the humidity sensor system. This adjusts the rate of humidity change required to trigger the fan. You can then use the sliding scale to increase or decrease the air moved in the function.



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Intelligent air movement for a healthy home

- Automatic or customised App settings for installer and home owner
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- 12V input allows fan to be used in compatible motor homes, caravans, boats etc.
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