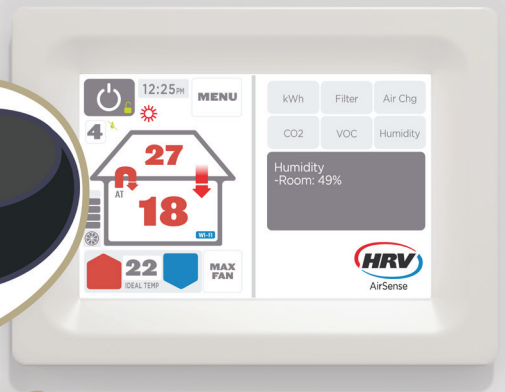
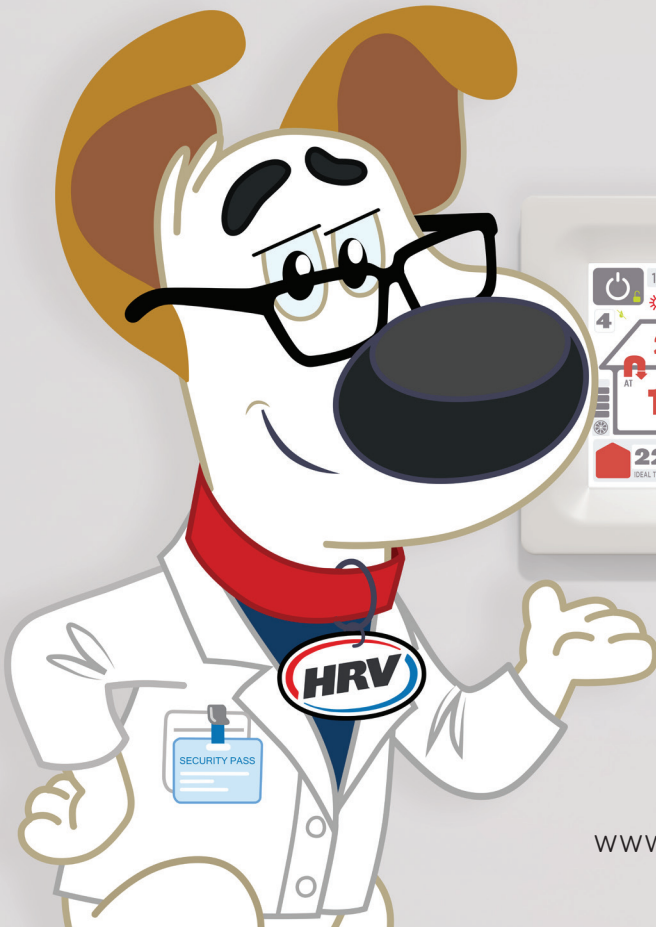


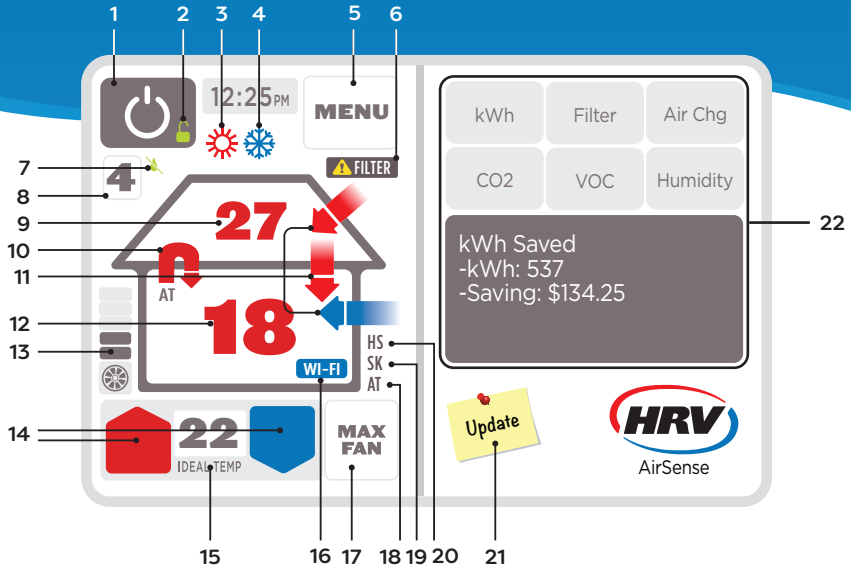


AIRSENSE™

ESSENTIAL, ESSENTIAL+ AND BALANCED+ HOME VENTILATION INSTRUCTION MANUAL



GET TO KNOW YOUR CONTROLLER



1 On/Off button

Turns the system off. Press button once to turn off and once again to turn back on.

2 Locking icon

When the keypad locking function is engaged, the lock symbol will show (press and hold the power button to turn on and again to release the lock).

3 Heating icon

When the system is trying to heat the house to set temperature, this symbol will show. The arrows and house temperature numbers will also indicate this state with the colour red.

4 Cooling icon

When the system is trying to cool the house to ideal temperature,

this symbol will show. The arrows and house temperature numbers will also indicate this state with the colour blue.

5 Menu button

Gives access to the sub menus.

6 Filter replacement icon

This icon indicates your filter needs to be changed. We recommend you change your filter every 2 years.

7 Ventilation icon

This symbol will show when the roof space temperature is inadequate to heat your house to the ideal temperature and the system has reduced fan speeds to very low levels to ventilate the house. This is needed to make sure air is still moving through the house and condensation and moisture is

controlled. All numbers and arrows will be green at this point.

8 Ventilation setting

This shows the level of ventilation for your home. Levels range from 1- 6 (1 being less air and 6 being more air). To set this level accurately in winter, start at 6 and lower the setting until condensation appears, then raise up one level again.

9 Roof temperature

Heating, cooling and ventilation available to the house.

10 Heat exchange symbol

When this symbol is active the system is recovering energy from the house.

11 House arrows

Arrows indicate the direction of air flow into, out of, or around the house. Colour indicates if warm (red), cool (blue) or ventilating at very low level fan speeds (green).

12 Room temperature

Current temperature inside your house.

13 Fan speed icon

Shows the speed at which the fan blows air into your house.

14 Up and Down arrow buttons

Used to adjust the ideal (desired) temperature for the house.

15 Ideal temperature

Desired temperature you would like to reach inside your house.

Note: your system will try to achieve this temperature with the heating or cooling that is available in the roof space.

16 Wi-Fi connectivity

This shows the system is connected to Wi-Fi.

17 Max Fan

Use for:

- Condensation – clears any extra condensation that may have been trapped behind closed curtains etc, with an extra boost of air into the house.
- Summer time – heat dump which purges cavity air in the early evening, thereby reducing the temperature of the house and roof cavity earlier.
- Clearing odours and smells.

18 Air Transfer Kit

This shows when the accessory Air Transfer Kit is on and actively moving air.

19 Summer Kit

Standard on Essential+, this function brings cool air in summer directly from outside (when useful) by passing the roof. When activated, this symbol will show on the keypad.

20 Heat Share / (HS)

This shows when the heat exchanger system is on with Balanced+.

21 Software update

This shows when any new updates are available to download. Simply press the this yellow note to start the download process.

22 System monitoring

This shows key information about your air quality, filter life, air changes & kWh energy saving achieved by your ventilation system.

QUICK GUIDE

GETTING STARTED



On/Off button

Press button once to turn off and once again to turn back on.



IDEAL TEMP button

- Gives system guidance to required temperature.
- Adjusts desired temperature up or down.



Lock keypad

Hold down for 3 seconds.



Menu button

Allows access to sub menus and extra functionality.



Max Fan mode

Overrides system, puts fan on 100% speed, pumping more air into the house for one hour.



Use the previous and next buttons at the bottom of each menu page to navigate through the sub menus horizontally. If you would like to go up vertically through the menu structure at any point in time press the menu button at the top of each screen.



If at any time you would like to return to the front main screen press this icon.

WI-FI SETUP

WI-FI

The Wi-Fi setup screen can be accessed from the home screen by using Menu/Previous/Advanced/Wi-Fi Setup.

After touching “Wi-Fi Setup” this screen will appear with the “Wi-Fi:” saying “Not connected”, if the router has not been connected yet:



Please note down the Product ID now, as it's required to register the mobile app and will need to be recorded in your customer record.

You now have two options to connect the Wi-Fi.

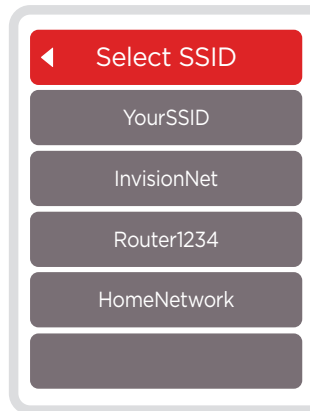
Some routers have a WPS feature, which allows an automatic connection from a Wi-Fi device to the router. There is usually a button on the router to enable WPS connecting. Touch the “WPS Connect” button on the touchscreen display. Additional instructions will be

displayed. Go to the router and push the WPS button on the router. Once the router is in WPS mode return to the touchscreen display and touch “Continue”.

If the router does not support WPS, then you can connect manually.

This function is very similar to connecting a mobile phone to Wi-Fi.

Touch the “Manual Connect” button. Scanning will be displayed in the title and then after a delay this screen will appear (note, in some rare cases, this can take up to a minute the first time):



The routers in the list will be different to the ones displayed above as they are the 5 strongest Wi-Fi signals found near to the touchscreen display. This screen will refresh every 10 seconds, so if the router you are looking for does not appear, wait for the next scan. Select the one you

want to connect to and then this screen will appear:

Check that you have selected the correct router SSID. There are five security levels (“OPEN”, “WEP”, “WPA_PSK”, “WPA2_PSK”, “WPA_WPA2_PSK”). If the security shown is “OPEN”, then touching the “Connect” button, should complete the connection and you can go to page 3. If it is not “OPEN”, then touch the “Enter Password” button to see the password screen shown below.



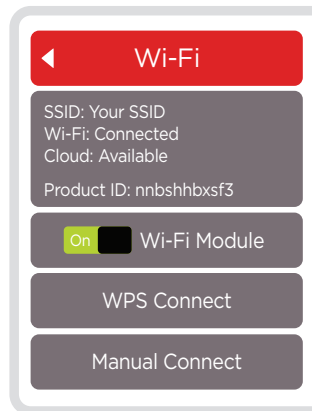
Enter the password for the router you are connecting to, and then touch

the “Connect” button. If you find the buttons a bit small for your fingers, you can use a blunt pointed instrument to push the buttons, like a tablet stylus or a finger nail or a knitting needle or the edge of a ball point pen, with the ink part retracted.

WARNING: using too sharp an instrument may damage the display and void the warranty.

After a delay, the display will now change back to the first screen shown with Wi-Fi and Cloud status showing “Please wait...”

If successful, the Wi-Fi status will show “Connected”, and the cloud service will show “Available”, as shown below:




Congratulations, you are now connected to the Wi-Fi and the HRV cloud.

If for some reason you do not connect, then double check your password and repeat the procedure above.

Note, for the cloud status to show “Available”, your router must have an internet connection.

EXTRA FUNCTIONALITY

SUB MENUS

 Press the menu button on the front screen to enter the sub menus.



Further options are available in these sub menus.

Menu Options

1. Max Fan – these are advanced options for operating Max Fan mode.
2. Quick Options – this allows access to three main options – Season Detection, turning on / off the Air Transfer Kit and Summer Kit.
3. Night Mode - holds set temperature at 18 degrees for 4 hours, cooling the house when the roof cavity temperature is lower than the house interior. After 4 hours it returns the temperature back to its original setting.
4. Ventilation Level – allows ventilation setting adjustment. At different times of the year, more or less air is needed to clear condensation in your house. Your system uses these levels when roof cavity temperature is too cool to heat, but the house still needs air to get rid of condensation. Higher levels will bring more cold air into a house. A balance is needed between condensation clearing and reducing the amount of cold air into the house, dependant on each house. Adjust to suit. Spring, summer, autumn: Lower ventilation levels (1 – 3). Winter: Higher ventilation levels (3 – 6).
5. Clock settings – allows clock adjustment.
6. Display settings – adjust minor screen modifications such as brightness and contrast.
7. Advanced – allows access to advanced user functions and information such as setting your kWh cost, Wi-Fi set-up, new filter requests & software updates.
8. About your HRV – displays information about your HRV system model.

FAQ

Where can I get more information on my system?

Our customer service team are more than happy to help – give them a call on **0800 HRV 123 (0800 478 123)**. If you would like information on any of our additional products, please refer to our website.

I've had my HRV system for a while – why do I have a black ring around my outlet vent?

In some houses the air passing out of ceiling outlets will cause a static charge to build up. This can cause household dust inside the room to become attracted to the charge. Simply wipe away the dust ring with a dry cloth, then open the diffuser plate of the vent a little further to help stop this from recurring. If this persists call us to arrange a visit from one of our customer service team.

My 'filter replacement' light is on, what does this mean?

This icon provides an approximate timeline for your system's service and filter change. We recommend that filters are replaced with a new genuine HRV filter every two years to ensure the performance of your HRV system isn't compromised and you continue to get the best from your system.

What do the ventilation levels on my keypad mean?

At different times of the year more or less air is needed to clear condensation in your house. Higher levels will bring more cold air into a house. A balance between condensation clearing and reducing the amount of cold air allowed into a house is needed dependant on each house. Adjust to suit: spring, summer and autumn: lower ventilation levels (1 – 3). Winter: higher ventilation levels (3 – 6).

My HRV is working great, but I still get condensation occasionally on some windows – why is this?

Even though your home is now dry, cold or damp weather conditions may still lead to some misty windows – certainly far less than what you would have had without your HRV. No system can guarantee zero condensation but rest assured your HRV is getting you as close as possible.