

Backlight Setting

Adjusts the back light of the controller. Standard setting is 3.



**To adjust:** Power off system by pressing the Power key once.



Press and hold the Down arrow until “02” is displayed in the roof temperature. Press the Up and Down arrow buttons until you see “03” appear in the roof temperature. Use the Power button to adjust from 0 (dim) to 6 (brightest).

Energy Introduced Into Your Home

Displays the estimated amount of energy introduced into the home (kilowatt hours saved). Not a feature if the ATU is installed.



**To activate:** Press the FUNC button twice within a second – join the top and bottom number displayed, i.e. “12” and “34” would be 1234 for each fan.

Multiply this number by the number of fans in the system. Average kilowatt cost nationally is .30 cents.

The above would be:

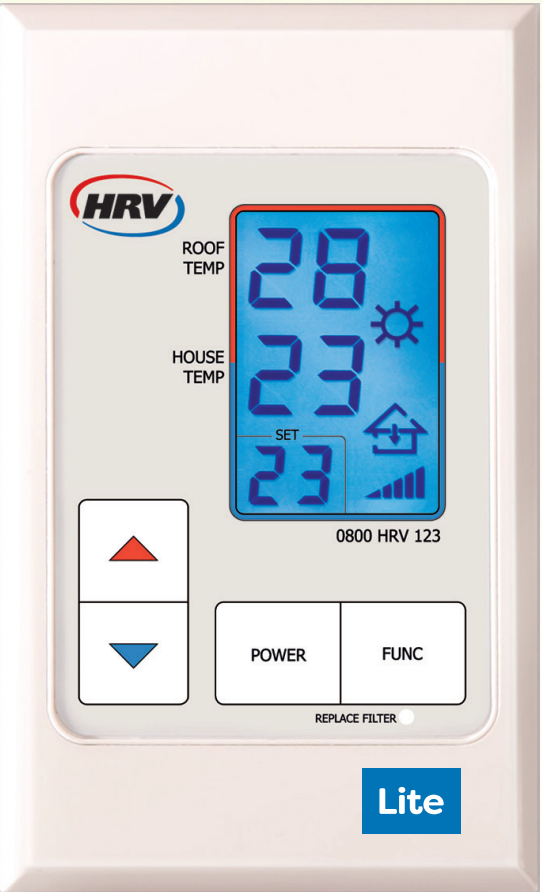
1234 X .30 = \$370.20 (heating and cooling dollars saved).

This is based on the life of the system.

Number rolls over once it gets past 9999 KW hours and resets to zero.

To reset to zero, press the down arrow while KW/HR is displayed.

The HRV controller puts you in complete control of your home environment. This means you can customise your HRV to achieve the best results through New Zealand’s varying seasons.



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 ‘Replace Filter’ 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 year 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.



INSTRUCTION MANUAL

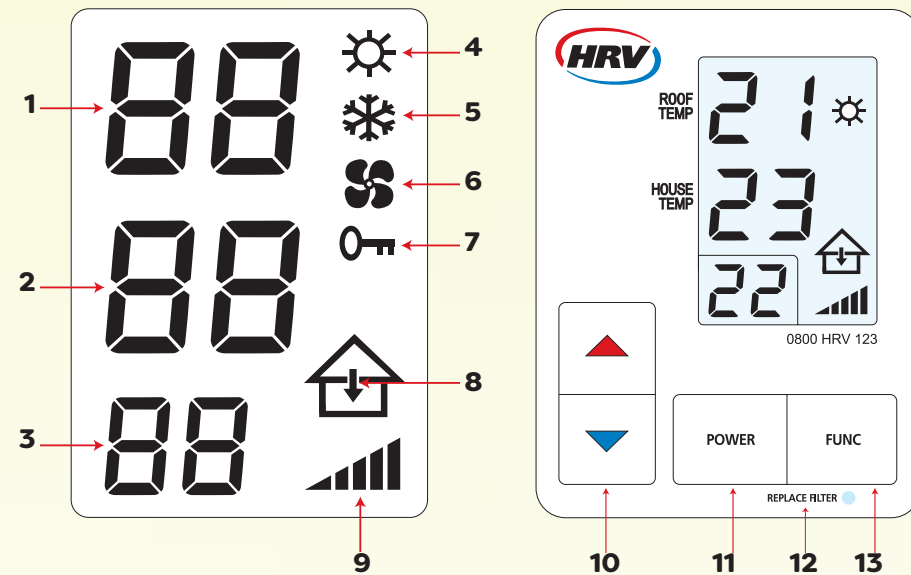


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## Get to know your Controller

- 1 Roof Temperature**  
Heating or cooling available to the house.
- 2 Room Temperature**  
Current temperature inside your house.
- 3 Set 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.
- 4 Heating icon**  
When the system is trying to heat the house to set temperature, this symbol will show.
- 5 Cooling icon**  
When the system is trying to cool the house to set temperature, this symbol will show.
- 6 Ventilation icon**  
This symbol will show when the roof space temperature is inadequate to heat your house to the set temperature and the system has reduced fan speeds to very low levels so as to ventilate the house. This is needed to make sure air is still moving through the house and condensation and moisture is controlled.
- 7 Locking icon**  
When the key pad locking function is engaged, this symbol will show. (Press and hold the FUNC button to turn on and again to release the lock.)

- 8 Roof Air arrow**  
When the system is using air from the roof cavity, it will indicate this with the roof air arrow.
- 9 Fan Speed icon**  
Shows the speed at which the fan blows air into your house.
- 10 Up and Down arrow buttons**  
Used to adjust the set (desired) temperature for the house. Also used in more advanced functions (see Extra Functionality)
- 11 On/Off button**  
Turns the system off for 8 hours. System will automatically resume after this 8 hour period. Press button once to turn off and once again to turn back on.
- 13 Filter Replacement light**  
This light will flash when the filter needs to be changed.
- 14 FUNC button**  
Used for more advanced functionality (see Extra Functionality).

## Quick Guide

### Getting Started

- POWER** **On/Off button**  
Turns the system off for 8 hours, system will automatically resume after this 8 hour period. Press button once to turn off and again once to turn back on.
- SET TEMP button**  
Gives system guidance to required temperature.
  - Adjusts desired temperature up or down.
- FUNC button**  
Variety of functionality from basic to advanced. Basic functionality.
  - Lock key pad – Hold down for 3 seconds.
  - Press to return to main menu when in back menu.

## Extra Functionality

### Burnt Toast Mode

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

**To activate:** Hold the Down arrow for 3 seconds.

#### Use for:

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

### Cooling Mode

Holds set temperature at 18 degrees for 4 hours, cooling house when roof cavity temperature is lower than in the house. After 4 hours it returns the temperature back to its original setting.

**To activate:** Hold the Down arrow until you see the temperature flashing “18”, then release.

**To deactivate:** Press Up or Down arrows.

#### Use for:

- Getting a better night’s sleep by forcing system into cooling mode. Set and forget – in the morning you don’t have to remember to change the set temperature back.

### Ventilation Settings

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)

**POWER** **To activate:** Turn off system (press Power button).

**Down arrow** Hold the Down arrow for 3 seconds or until display is lit.

**POWER** Press Power button to adjust between 1 and 6.

**FUNC** To exit, press the FUNC button.

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Total Home Solutions