

# Raincheck climate control

Wiring and Installation instructions

## Raincheck control unit

**The installation of all electrical items must be undertaken by a qualified technician.**

is a tight fit and does not need sealing under normal circumstances.

Our “Raincheck” climate control unit offers a simple and cost-effective means of operating your windows or roof vents.

A simple control knob lets you fully open or close your windows easily. Just turn the knob fully left or right for the open and close function.

Between these two extremes is a temperature gradient, place the black dot on the knob in line with the desired temperature and the controller becomes fully automatic!

Your vents will now open and shut trying to maintain your chosen room temperature, should it rain whilst your controller is in ‘automatic’ mode the rain sensor (not shown) will close your windows until it senses that the rain has passed, whereupon automatic function will be resumed.



## Rain sensor

Using the sticky pad on the reverse side of the stainless steel rain sensor, attach the sensor itself to the outside of your roof in a place where rain will fall on it.

Check that the plastic film has been removed from the sensor face after fitting.

Run the cable back to your controller.

Only the black and red wires are functional on the rain sensor, connecting in any other combination will cause the sensor to not function. (See schematic wiring layout below)



## Raincheck operation

If you turn the control knob completely to the left the windows will close and remain closed, alternatively if you rotate the knob completely to the right the windows will open and stay open irrespective of the weather conditions.

Turn the knob to any position between the extremes and you engage the auto mode which will open or close the windows based upon the temperature selected on the dial.

Should it rain whilst in auto mode the controller will close the windows resuming auto opening when the sensor has dried.

For the rain sensor to operate and the window/s to close automatically the dial must be set on a temperature and not at either extreme of its travel.

**This is not a scientific instrument and therefore its temperature settings are only to be used as a guide as there may be inaccuracies between this controller and other devices**

## Raincheck remote operation

The “Raincheck” is also available with an infra-red remote control (purchased separately).

This remote allows you to switch from the set automatic mode into a manual mode where the windows can be manually opened or closed using the buttons on the hand control.

The hand control allows the resetting of the previous auto selection. It is to be remembered that in manual mode the temperature and rain sensors are inoperative.

The “Raincheck” controller is manufactured with its own built-in receiver and therefore does not need additional hardware to make the hand control function.

### **OPERATION OF REMOTE CONTROL**

Before using the remote control, ensure that the dial on the control unit is set in automatic mode, and not fully to the left or right.

To operate the remote, first point the hand control at the receiver and press ‘M’, this will change the controller into manual mode, and the ‘up’ and ‘down’ arrows on the handset will open or close the vent.

To revert to automatic function, press ‘A’ and the controller will return to automatic mode.



## Raincheck wiring

- The installation of all electrical items must be undertaken by a qualified technician.
- Mains power must be supplied via a switched fused spur fitted with a 5 amp fuse (maximum).
- Do not use cable thicker than 1.5mm and multi strand if possible for flexibility.
- This controller will fit into any standard one gang surface or flush 35mm back box.

### RAINCHECK SCHEMATIC WIRING LAYOUT

