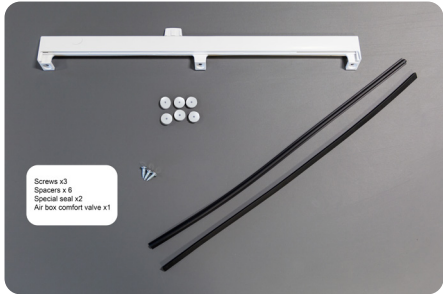
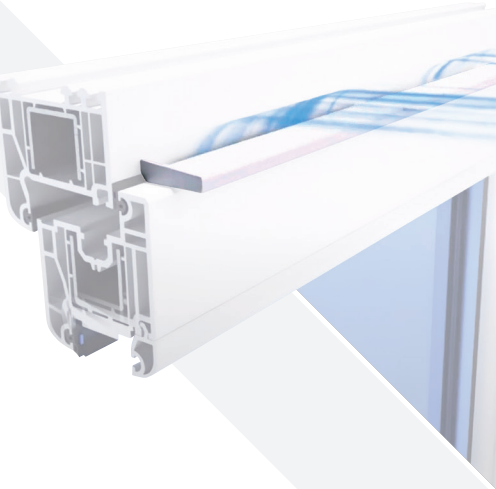


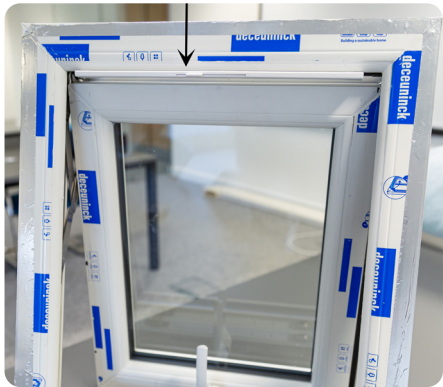
# AIR-BOX COMFORT INSTRUCTION MANUAL

The Air-Box Comfort instruction manual is an easy to follow process. These instructions show an outward opening window which is more common in the UK. A video can be seen at [www.air-box.co.uk](http://www.air-box.co.uk) which demonstrates installation in an inward opening window.

There are multiple ways of fitting the Air-Box, depending on the window type (e.g., inward or outward opening windows) so please follow the relevant instructions below.



1. The Air-Box kit is provided which includes the valve, special seals, screws and holed spacers (which are installed as shown in step 9 on the zoomed in image).



2. Locate the ideal position to install the Air-Box vent. This is usually at the top of the window as shown here, or can be fitted to the side of the window providing that it does not interfere with the usual opening and shutting of the window (do not install the Air-Box where it could interfere with the handle).



3. Position the Air-Box vent in the location to be fitted and mark the outer edges as shown. Ensure that this is done accurately and doesn't leave a gap of more than 350mm.



4. Using a sharp knife cut the original seal at the point which you accurately marked. Take care not to damage any other aspect of the window frame. And mind your fingers!

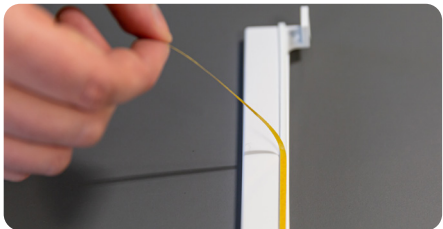
5. Repeat this on the other side



6. Carefully remove the original seal.



7. Replace with the special seal provided as part of the kit supplied. Make sure that this is properly embedded in the groove.



8. Remove the protective layer from the adhesive strip as shown.

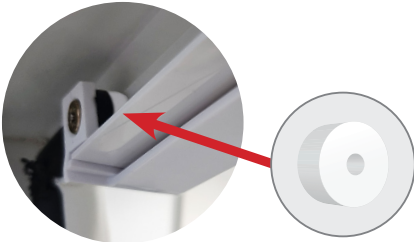
Equivalent Area Calculation Table	Gap Size	EqA
	3mm	1,550mm <sup>2</sup>
	6mm	2,094mm <sup>2</sup>

Most instances using the washers provided will give 6mm and 2,094mm<sup>2</sup> of EqA. However, as tested by BRE, we have shown a smaller size which must be used if you cannot achieve 6mm with the washers provided. More Airbox installations may be required depending on the overall EqA achieved for each room.

9. Use the spacers provided to achieve the required gap. Use the chart provided.



10. Affix to the window and fasten the valve using self-tapping screws provided. Again, take care not to damage any aspect of the window. **See below how to affix the valve using the spacers.**



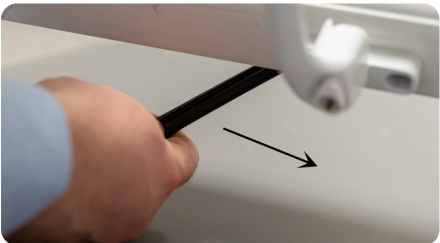
**The spacers provided should be fitted in this location behind the leg of the Air-Box – this is repeated in the other two leg locations.**

A key part of this process is using the spacers supplied to pack out with the Air-Box vent from the window. Most windows we've tested accept a gap of this size. Pack out the valve making sure the window can still close.

The rules on EqA have changed from 15th June 2022 whereas a room with continuous mechanical ventilation will require a minimum of 4,000mm<sup>2</sup> and a room with intermittent mechanical ventilation will require 8,000mm<sup>2</sup>. Therefore a minimum of TWO Airbox products will be required where DMEV or PIV exists; FOUR Airbox products will be required where other ventilation exists. Where present trickle vents are already installed and do not provide the required EqA, the Airbox may be used as an additional trickle vent to enhance the EqA in a particular room. It is important to remember that Airbox can be installed to the top of side of a window, but **should not** interfere with handles.



11. Using a sharp knife, mark and cut a 350mm (minimum) length from the original external seal at the bottom of the window frame as shown.



12. Carefully remove the original seal. Replace with the special seal provided as part of the kit supplied.



13. Close the window with the handle locked. Using the controllable slider on the valve, complete a final check to ensure that air is passing through in the open position and that it seals fully in the closed position.



The finished Airbox product installed on the window.



If you need any technical support or have any questions please contact our technical support team at [info@passafesolutions.com](mailto:info@passafesolutions.com) or call us directly on 01995 510 184.

**A new and updated video showing how this works is in production and will be available shortly – the older version can still be seen at [www.air-box.co.uk](http://www.air-box.co.uk)**

Thank you for using Air-Box Window Vents. To see more of our ECO product range you can visit:

[www.passafesolutions.co.uk](http://www.passafesolutions.co.uk)