



Introducing the New IESVE Passivent Tool

Webinar FAQs



12/11/2024





In this document, we have collated the most frequently asked questions from [our webinar on the Passivent tool](#) to help you find answers to all your queries in one place!

1. Is the Passivent tool available in IESVE 2023?

The Passivent Navigator is available within IESVE version 2023.5 onwards.

2. I am unable to see the Passivent tool in the VE Navigators. Am I missing something?

Please make sure you are running IESVE version 2023.5 or above. If you are still unable to see the Navigator please email our support team support@iesve.com

3. Is the Passivent tool compatible with Part L and EPC analysis/compliance?

Yes, it is fully compatible with compliance analysis in IESVE.

4. Can Passivent Airscoops open at lower CO2 levels?

Yes, the Passivent controls system is able to open the Airscoops between 800-1,800ppm.

5. Is there any consideration for placement and setup of the Passivent component? If the IESVE model has multiple divisions in a space, e.g. an atrium that has been split to help show stratification.

Yes, the Passivent Airscoop should be placed in a single VE zone. If you are looking to stratify the space, please ensure you place the Passivent terminals first.

6. Can you move the component after placement e.g. if there is a design change to a roof?

Yes, you can move the component within the component view quickly and easily before finalising it. Once complete, the component placement will be fixed.



7. **Opening profile for Passivent Airscoop dampers relating to CO2 concentration = $gt(CO_2, 1450, 500)$ - is this editable or is this set to how the units used?**

This is the opening profile provided by Passivent and it will give the most accurate results. This can be edited by the user if necessary.

8. **Are there facade louvre systems which can be applied just as easily as the roof mounted one?**

These are currently under development and will function in the same way as the roof terminals.

9. **Can you extract the CO2 PPM figure from IES, for the 20min time interval criteria?**

Yes, this is possible. Using the auto report feature is the quickest way to do this.

10. **The 'initial' and 'improved' models presented are within one project view. When you use ApacheSim, does the simulation run for both models at the same time?**

Yes, both models are simulated at the same time.

11. **Can you show what other MacroFlo openings you had in the Sports Hall in addition to the Passivent Airscoop? And would it work without any other natural ventilation openings?**

The spaces were set up to allow basic function of the windows. Please take a look at our related training for more information:

<https://distance-learning.iesve.com/p/natural-ventilation>

Yes, the Airscoop terminals can run independently of any other openings.

12. **Is it possible to check the technical specification and pricing of the Passivent tool within the software?**

You can find out more about technical specification of the Airscoop here:

https://www.passivent.com/app/uploads/2022/01/PVCT15-Airscoop-Specification-Documents_Issue-3_Aug-2024_F-A.pdf

Please contact Passivent directly to obtain a quotation.



13. What is the estimated time frame that the Thermal Hybrid Ventilator will be available to model in IES?

Expected very soon!

To find out more about the Passivent Tool visit:

<https://www.iesve.com/software/virtual-environment/passivent-roof-terminals>