



### With leisure: BlowerDoor measurements in very airtight buildings

BlowerDoor measurements in very tight buildings with exceptionally good air tightness ( $n_{50} < 0.6$  h/1) take longer than usual measurements because the build-up of a stable and constant differential pressure between the inside of the building and the outside takes much longer than usual. If this longer waiting time for the pressure build-up of the individual measuring points is not taken into account when recording a series of measurements, there is a risk of measurement errors. Signs of this can be a strong scattering of the measuring points, although no or only little wind disturbs the measuring process, or an automatically controlled measurement is repeatedly aborted. How can a stable pressure be built up during the measurement and how is it possible to achieve reliable measurement results? [read more](#)



### Solar Decathlon Europe: And the winner is...

...the RoofKIT team from the Karlsruhe Institute of Technology (KIT). Congratulations!  
At the end of June, the final of the Solar Decathlon Europe took place in Wuppertal. Paul Simons, Managing Director of BlowerDoor GmbH, met Helmut Krapmeier on site, among others long-time lecturer for the Energy and Environment Center and current Competition Manager of this year's event. "Discovering today how we will build and live tomorrow" was the motto. The university-based international architecture competition has been inspiring millions of people worldwide for twenty years and was held in Germany for the first time. The task was to work on existing inner-city building gaps or elevations. The special feature: The student teams from eleven countries each selected a building section from the planned larger projects and built it in real terms on the event site. The

buildings had to be attractive in terms of design and energy, improve the living environment, and also take into account transport connections. Five of the 17 buildings, which were of course all tested for air tightness, will remain on the campus for another three years.

SDE 2022



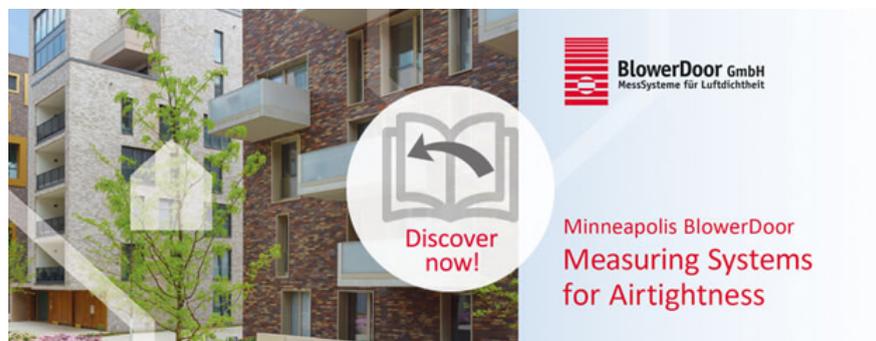
The banner for the 42nd AIVC conference, 10th Tight/Vent & 8th venticool Conference, held in Rotterdam from October 5-6, 2022. The banner features a night view of the Rotterdam skyline with the Erasmus Bridge. It includes the following text:

- Conference Scope:** More than ever in the past, climate change and the transition to carbon neutrality are at the center of many countries' policies and research programmes. The building sector plays a crucial role in achieving these goals, considering the carbon emissions attributed to building construction and operation, and its potential for better energy performance. At the same time, the COVID-19 crisis has emphasized the need to improve indoor air quality (IAQ) and ventilation in our buildings to reduce the risk of airborne virus transmission. All these challenges require a transformation of the existing building stock that at the same time achieves better IAQ and lower environmental impact.
- Conference Venue:** The conference will be held at the Hilton Rotterdam Hotel.
- Conference Concept:** The conference will consist of 3 parallel sessions largely devoted to:
  1. Smart ventilation, Indoor Air Quality (IAQ) and health
  2. Building and ductwork airtightness
  3. Ventilative cooling - Resilient cooling

Logos for AIVC, Tight Vent, and venticool are present. Contact information for the Professional Congress Organizer (PCO) and Conference website & contact details are also provided.

More than ever in the past, climate change and the transition to carbon neutrality are at the center of many countries' policies and research programs. The building sector plays a crucial role in achieving these goals, as enormous carbon emissions are associated with the construction and operation of buildings. The potential for savings is correspondingly large. At the same time, the COVID-19 crisis has underscored the need to improve indoor air quality and ventilation in our buildings. All of these challenges require a transformation of the existing building stock. **AIVC**

For the BlowerDoor GmbH team, Alexander Kiß, Stefanie Rolfmeier and Thea Bruns will be on site. See you in Rotterdam on October 5 and 6!



The advertisement for BlowerDoor GmbH features a photograph of a modern multi-story apartment building. A circular graphic with a double-headed arrow and the text "Discover now!" is overlaid on the image. To the right, the BlowerDoor GmbH logo is displayed, along with the text "MessSysteme für Luftdichtheit". Below the logo, the text reads "Minneapolis BlowerDoor Measuring Systems for Airtightness".

To the point!

Started as a pioneer in the 80s, BlowerDoor GmbH is now an internationally sought-after expert on all aspects of airtightness. Customers in large parts of Europe benefit from our qualified consulting, our measurement support and our seminar offer, which can be individually tailored to your needs. You can find this and more in our current company brochure at [blowerdoor.com](http://blowerdoor.com)



### Benefit from the trade in promotion!

If you trade in your DG-700 when buying a DG-1000 until 31/08/22, we will give you a 300.- EUR discount - no matter in which condition your old DG-700 is! [More info](#)

Customers already using the DG-1000 can now download the new update 1.8.0 (17). Among other features, the software has been enhanced with a Bluetooth connection proof and an automatic dimming function.



### Measurement assistance

You need experienced support for your complex measurement tasks? Contact us and benefit from our competent measurement consulting in wide parts of Europe. When required, we support you in planning and performing BlowerDoor measurements on site or live via video stream. Your request by phone (+49 5044 975-46) or [e-mail](#) is in the best hands with our managing director Alexander Kiß!



### Next Dates

Fan Calibration

08/08/2022

05/09/2022

Latest delivery day for your BlowerDoor fan. Please [register](#), thank you.

Training

14/09/2022 [Webinar](#): BlowerDoor measurement in large buildings (free of charge)

27/10/2022 BlowerDoor measurement according to [ISO 9972](#)

28/10/2022 BlowerDoor measurement in [large buildings](#)

Conference  
05 - 06/10/2022 **AIVC** Conference in Rotterdam

---

## BlowerDoor Newsletter



Dear reader,

You receive our newsletter because you have given your consent on blowerdoor.com to be sent to your e-mail address. If you no longer wish to receive our newsletter, please click [here](#).

---

BlowerDoor GmbH

MessSysteme für Luftdichtheit | Zum Energie- und Umweltzentrum 1 | D-31832 Springe

Phone +49 (0) 50 44 975-40

Fax +49 (0) 50 44 975-44

[info@blowerdoor.com](mailto:info@blowerdoor.com)

[www.blowerdoor.com](http://www.blowerdoor.com)

Trade register in Hannover | HRB 101115 | VAT ID no.: DE 812810831

© All contents of this newsletter in text and illustration are protected by copyright.