



Movement by Perfection



Ventilation, control and drive technology

## Constant air flow control

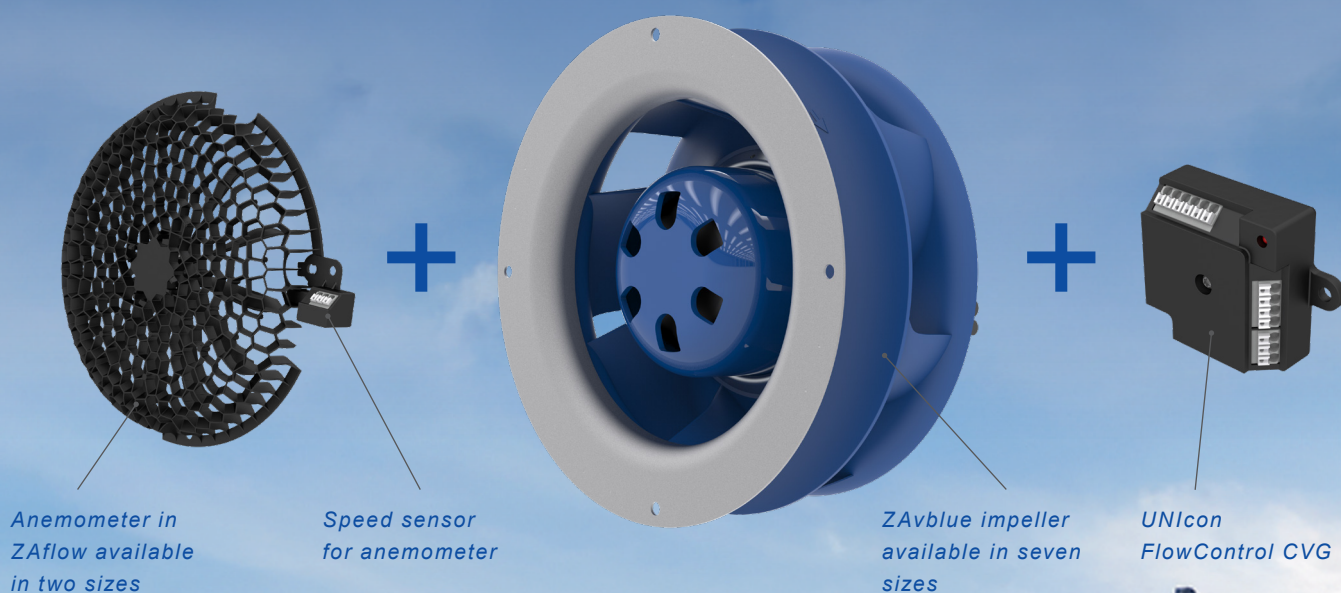
for residential ventilation

# Constant air flow control for residential ventilation

## A new take on fresh air.

Experience the perfect combination of technology and comfort with our latest fan control technology, specially designed for controlling ventilation in residential property. ZIEHL-ABEGG presents a system that impresses with its outstanding flexibility.

With this fan from ZIEHL-ABEGG, you can rely on state-of-the-art technology that offers you an incomparable ventilation experience. Place your trust in flexibility, user-friendliness and innovative features that sustainably improve your indoor climate. Discover the future of residential ventilation now!



### Advantages for customers

-  Reduced installation effort (Plug & Play)
-  Needs-based ventilation
-  One-stop system solutions
-  Modbus communication
-  Supplies measured values to higher-level control systems

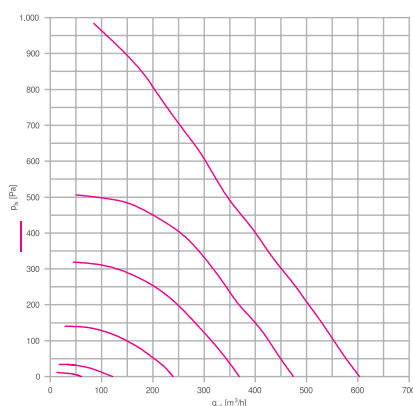
### System features

-  Constant air flow control for backward-curved impellers
-  Temperature measurement
-  Relative humidity measurement
-  Absolute pressure measurement
-  Determination of air quality (IAQ)

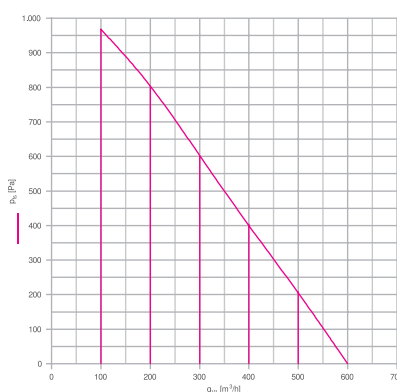
## Uniform flow conditions thanks to modern control technology from ZIEHL-ABEGG

Constant air flow control ensures that the air flow, i.e. the amount of flowing medium, remains constant per time unit. This control method is particularly in demand in heating, ventilation and air conditioning applications, as uniform flow conditions are required here to ensure optimal functionality and efficiency.

The requirements placed on fans in this type of control system include adjustable speeds, corresponding sensors, a control unit with control options and compatibility with the overall system. ZIEHL-ABEGG combines all of these requirements in its new products for residential ventilation.



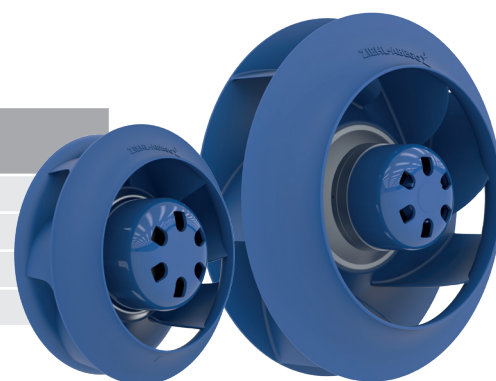
*Performance curve of a fan with constant speed control*



*Performance curve of a fan with constant air flow control*

## Versatile with a range of sizes – ideal for any system

| Anemometer with control unit | CVG-1250N | CVG-1700N |
|------------------------------|-----------|-----------|
| Size ZAvblue                 | 160       | 220       |
|                              | 175       | 225       |
|                              | 190       | 250       |
|                              | 200       |           |



*Sizes from 160 to 250*

## UNIcon FlowControl CVG – compatible with all design options!

Our innovative UNIcon FlowControl CVG is the perfect solution for a variety of applications. Compatible with RH, GR and RG16V models, it offers the highest level of precision and reliability. No matter which system you use – with the UNIcon FlowControl CVG, you can rely on a future-proof and versatile solution.



*GR model*

*RH model*

*RG model*



*Further information on the  
UNIcon FlowControl CVG*