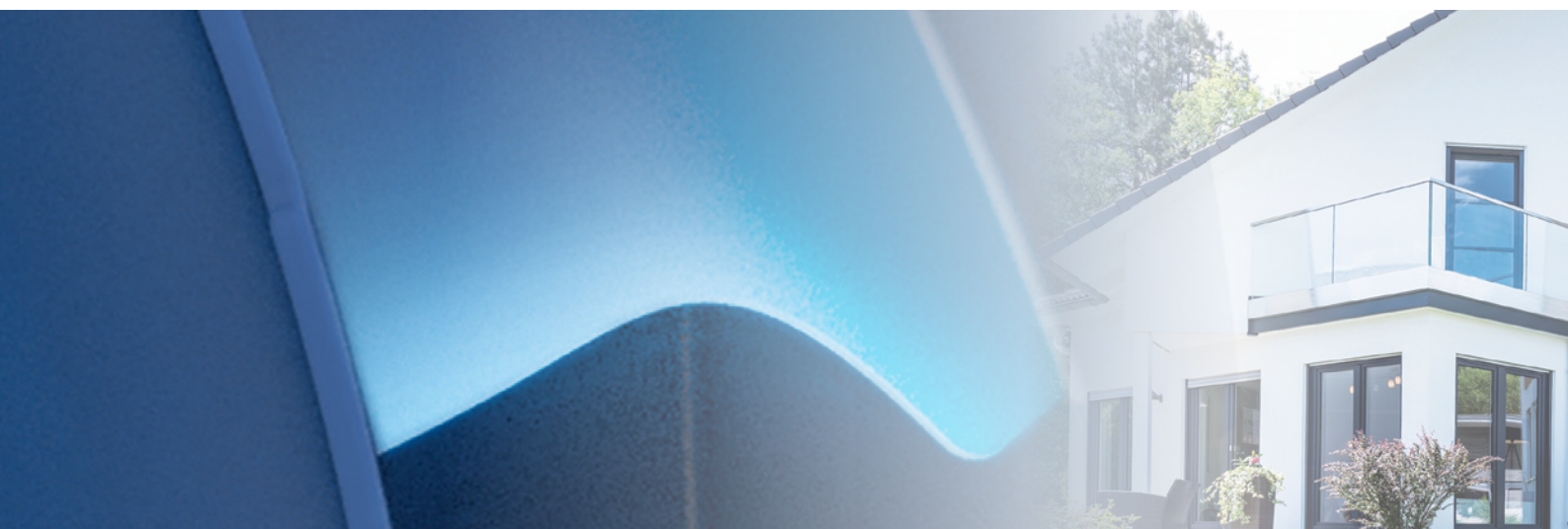
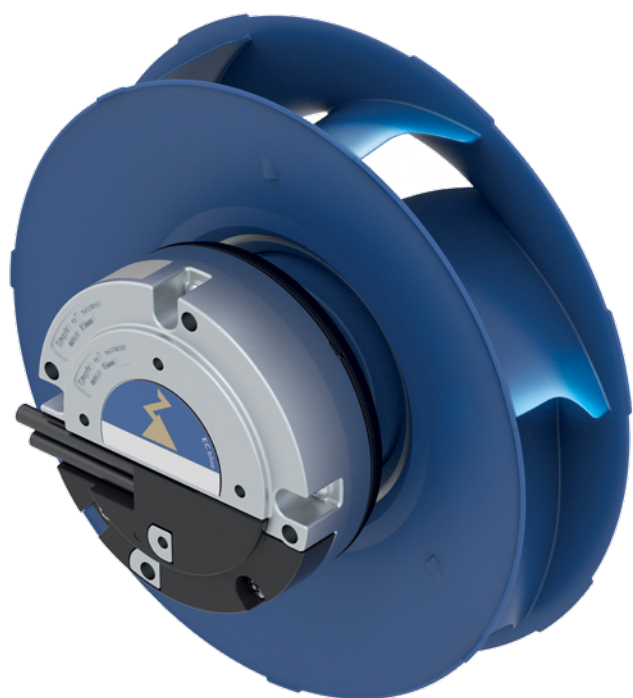


Movement by Perfection



The **Royal League** in ventilation, control and drive technology



## **ZAvblue** RH20V

The high-tech efficiency wonder – a precise fit for extraordinarily efficient ventilation of residential spaces

# ZAvblue RH20V

New size of efficient acoustic star now available – for controlled ventilation in residential spaces

Equipped with the ZAvblue RH20V and the perfectly adjusted energy saving motor ECblue055, ventilation systems operate much more efficiently and, above all, dramatically quieter. The further reduction in the rotation noise of the ZAvblue lowers the acoustic values on the suction and pressure side by up to 4 dB – this fan achieves a noise level lower by comparison with standard fans available in the market. And in terms of effectiveness and system efficiency, with an increase in static efficiency of up to 40% compared to the market standard, the acoustic star ZAvblue is simply unbeatable. These are the crucial advantages particularly when it comes to controlled ventilation because whilst there are many fans that provide ventilation they don't do it quietly and now nor for installation in confined spaces whilst simultaneously delivering maximum efficiency in an environmentally-friendly way.

## New bionic blade design

The nature-inspired blade design on the ZAvblue RH20V centrifugal fan provides for sensational performance and with the free-running impeller sets a new benchmark for this size in the market. With its impressive advantages, ZAvblue RH20V can be used to reliably meet all requirements in a wide range of applications.



Most apartments and houses usually have insufficient space for installation. **ZAflow** offers optimum ventilation performance with minimum blocking and, in combination with **ZAvblue**, ensures that the fans operate with

## ZAvblue – Turning ventilation systems into a space



ZAvblue with ZAflow ZApilot with ZAflow

### ZAvblue RH20V – Unbeatable advantages:

- Developed exclusively and precisely according to the needs of controlled ventilation of residential spaces
- Perfect and unimpaired air exchange even for the narrowest installation situations
- Strongly reduced noise level for a contemporary and pleasant perception in residential rooms
- Energy cost savings by best static system efficiency of >50%
- Air, power and deflection loss reduced to the minimum by extraordinary bionic blade geometry
- Optimal efficiency at high volume flows, combined with a wide efficiency range

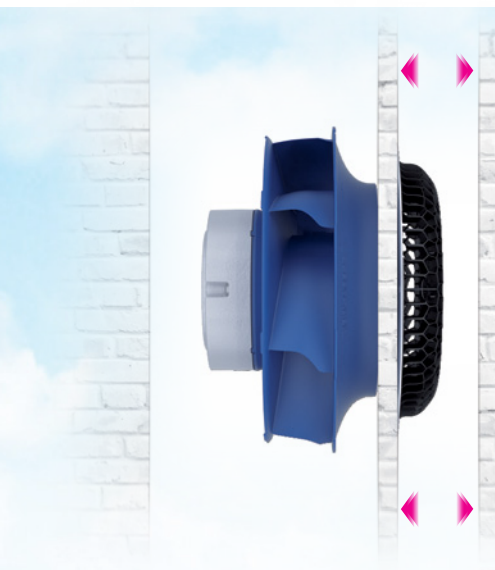
### With ZA flow – for installation in very confined spaces:

- Optimises the inflow situation and consequently significantly improves the acoustics – ensuring extremely low-noise operation
- Finger protection in accordance with DIN EN ISO 13857 Table 4



RH18

# NEW! ZA flow

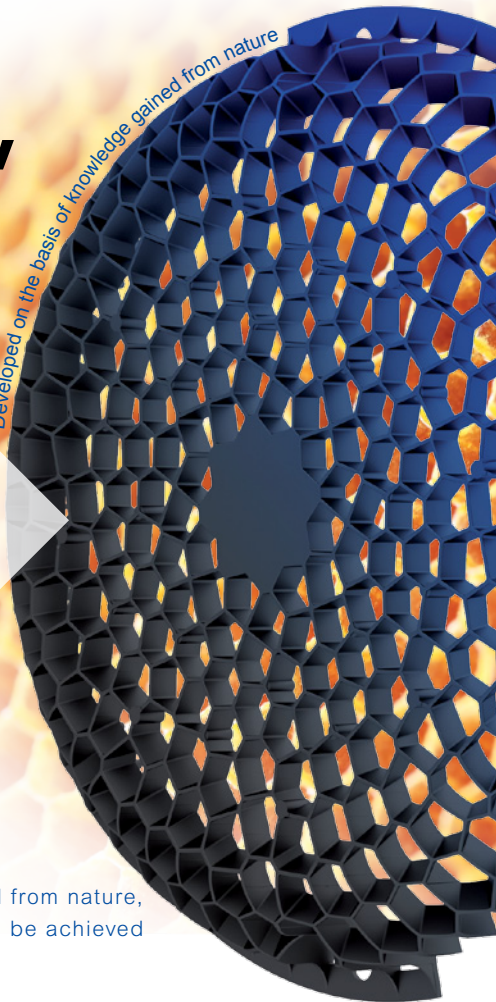


Extremely quiet – even for installation in confined spaces

**Air guide function**  
Optimizes the inflow situation  
>> Improving the acoustics

**Finger protection**  
DIN EN ISO 13857 Table 4

Developed on the basis of knowledge gained from nature

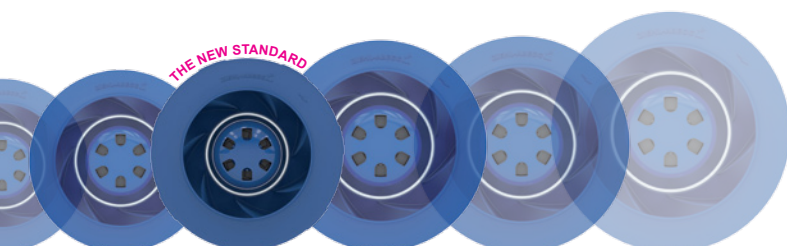


...lling fans. This is where **ZAflow** plays its trump card: developed on the basis of knowledge gained from nature, ...g the airflow. Optimising the inflow situation means an enormous improvement in the acoustics can be achieved **extremely low noise** – even when installed in very confined spaces.

## Special, efficient figurehead

### ZAvblue – The successful series in a small size

- Optimised rotor geometry, highest efficiency and an innovative blade design even in the smaller sizes
- Highest system efficiency – outperforming the common market standard
- Lowest noise level on the market. Available in 6 sizes (175-250)



RH17V.AR RH19V.AR **RH20V.AR** RH22V.AR RH22V.BR RH25V.AR

### ECblue 55 – The energy-saving motor



#### Small size, extraordinary performance

High-tech IE5 motor technology for highest efficiency and greatest energy-saving potential. Adjusted to standard sizes common on the market – suitable for immediate replacement. Flexible cable routing adds another comfortable feature.

### ZAbluegalaxy

#### The future starts here

Premium IoT Cloud platform for 360° overview of all units with network capability and predictive maintenance, every second of every day – worldwide.

# The Royal League

