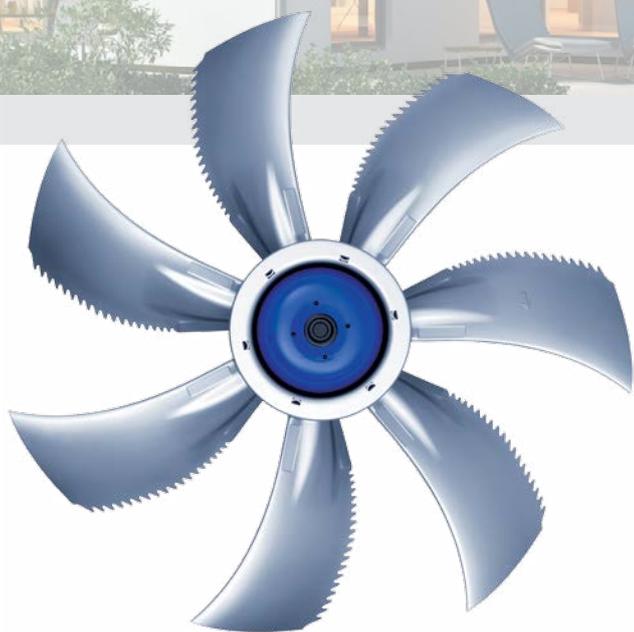


Movement by Perfection



The Royal League in ventilation, control and drive technology



Fans for heat pumps

Fans for heat pumps

With our wide product range, we have remained a reliable and competent partner for all air-water heat pumps manufacturers for many years. During the past 30 years, over half a million fans have been delivered around the world to more than 25 heat pump manufacturers.

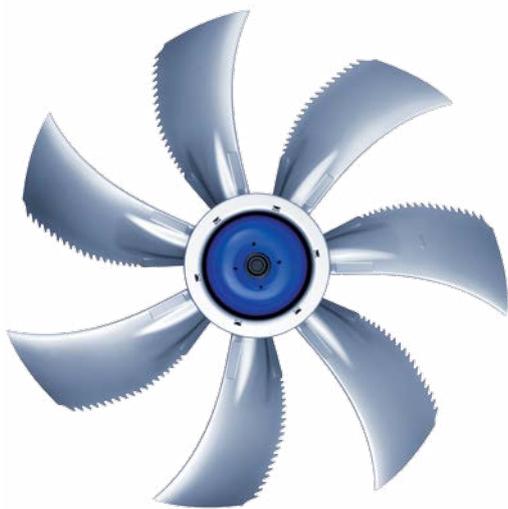
As a system supplier, we'll be pleased to advise you on ideal motor, control and aerodynamic concepts for fans, drawing upon our many years of expertise and experience. With our 87 sales centre, we supply our customers globally and provide support locally.

In our in-house development centre, our energy efficient products are tested and perfected for airflow performance, energy consumption, and noise development. Having the world's largest airflow and noise level test chamber for fans also puts us in a position to measure complete customer devices, and to optimise the system together with our customers. Put us to the test!



InVent, big Combined Test Rig

- Low power consumption through highly efficient motor-aerodynamic combinations
- Exceptionally quiet fans based on innovative aero-acoustic developments
- Highest product flexibility for perfectly customised solutions
- Maintenance-free operation, as with all ZIEHL-ABEGG fans



FE2owlet axial fans

- Suitable for indoor and outdoor installation of all popular air-water heat pumps
- Excellent acoustics and efficiency
- Reduces operating costs through an efficient fan blade/motor combination
- Fan diameters from 200 mm to 1.250 mm
- Flow rates up to 43.000 m³/h



Axial fans ZApplus

- Optimised airflow through optimised nozzle
- Suitable for both ECblue and AC fans
- Significantly increased volume flow (up to 9%)
- Up to 29% less power consumption
- High-performance composite material suitable for temperatures from -50°C to +80°C
- Optimal and easy integration into customer's units





ZAvblue centrifugal fans

- Ideal for heat pumps with medium pressure differences
- 3D fan blade technology with excellent acoustics and the highest efficiency
- Fan diameters from 175 mm to 630 mm
- Flow rates up to 19.000 m³/h



RG..S centrifugal fans

- Ideal for use in residential ventilation devices, hot water heat pumps, and combination devices
- Fan diameters from 120 mm to 180 mm
- Low noise levels

Drive concepts for fans



EC technology

- Low operating costs and low environmental pollution through continuous speed control
- Freely configurable customer interface through the flexible adaptation of the integrated electronics
- Direct, uncomplicated communication between the fan and the heat pump's main controller
- The integrated and encapsulated electronics offer maximum operational reliability, regardless of heat pump's mode of operation

AC technology

- Uncomplicated and proven technology
- Quick and simple installation
- Expanded application range through double speed motors
- Efficient and cost-effective solution
- Proven to be reliable and maintenance-free based on many years of experience

The Royal League

