



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 27 worldwide subsidiaries, we supply our customers globally and provide support locally.

Our energy efficient products are tested and perfected in our in-house development center 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 optimize 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 customized 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 10 inch to 40 inch
- Flow rates up to 16,000 cfm



## Vpro centrifugal fans

- Ideal for heat pumps with medium pressure differences
- 3D fan blade technology with excellent acoustics and the highest efficiency
- Fan diameters from 7.5 inch to 25 inch
- Flow rates up to 10,000 cfm



## RG..S centrifugal fans

- Ideal for use in residential ventilation devices, domestic hot water heat pumps and combination devices
- Fan diameters from 5.5 inch to 6 inch
- Low noise levels

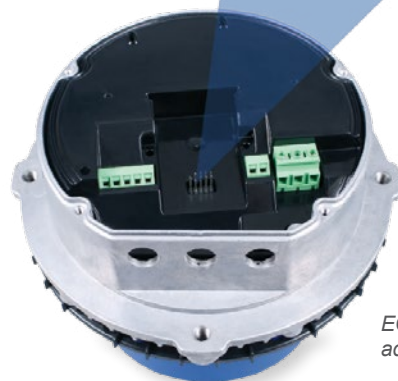
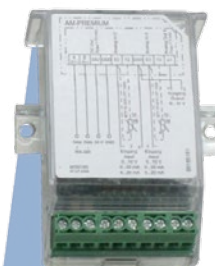


# Drive concepts for fans



## 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



*ECblue with integrated add-on module*



## AC technology

- Uncomplicated and proven technology
- Quick and simple installation
- Expanded application range through double speed motors
- Efficient and cost-effective solution
- Reliability and maintenance-freedom through many years of experience



# The Royal League



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