

## News from ebm-papst

### The latest in ventilation technology:

#### 1. HighSpeed: Compact turbo compressors for oil-free gas compression (sent out during Chillventa)

Compact, robust compressors are essential for both heat pumps and refrigeration technology. With this in mind, ebm-papst developed the CompaNamic turbo compressor for the 1 kWe (electrical input power) to approx. 55 kWe motor power range, which allows variable flow quantities of different refrigerants while also requiring significantly less refrigerant due to a volume reduction of up to 90% in the compressor.



#### 2. Fans for applications with flammable refrigerants (sent out during Chillventa)

At Chillventa 2024, ebm-papst will be showing a wide range of fans that are suitable for use in heat pumps, chillers, condensers or evaporators and refrigeration units and are designed for applications with flammable refrigerants. The right compact fans are available for the heat pump safety concept. In addition to the fans, new inverter electronics significantly reduce noise generation and also increase the efficiency of the heat pump.



#### 3. Sustainable solutions for better indoor air quality (sent out during Chillventa)

Those who decide to use a residential ventilation system will ensure better indoor air than is possible with manual ventilation. However, it is just as important to record the actual air quality parameters, the indoor air quality (IAQ). This also improves health and well-being and can provide additional potential for savings from the ventilation systems in private households.



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#### 4. Interview with Thomas Nürnberger, CSO ebm-papst Group and CEO Air Technology ebm-papst APAC & MEA (sent out after Chillventa)

Thomas Nürnberger emphasizes that he enjoys his responsibility in sales despite the current economic challenges, as he enjoys working with customers. He sees the biggest challenges in Europe, particularly in residential construction and heat pumps, and is trying to compensate for these with innovative solutions and a development from a component to a solution provider. He also sees great market potential in the Asia-Pacific and Americas regions, particularly in the semiconductor industry and renewable energies. Nürnberger emphasizes that ebm-papst's new products and digital solutions not only increase efficiency, but also enable new business models.



### General news from ebm-papst:

#### 5. 1st Sustainability Report of the ebm-papst Group published

ebm-papst has published its first voluntary sustainability report online. Under the motto "Clear vision, sustainable mission.", the group of companies is using the 40-page report to communicate about its sustainability projects and initiatives from the past fiscal year 2023/24.



#### 6. Annual press conference

The current press report on the 2023/2024 financial year.