

P R E S S R E L E A S E

F-Cell: Eberspaecher Vairex presents components for fuel cells

- **Air supply components from Eberspaecher Vairex**
- **Solutions for fuel cells up to 150kw**
- **Complete system consisting of air compressor and control unit**

Esslingen, August 9, 2021 - **On September 14 and 15, 2021, Eberspaecher VAIREX will present its new product range for fuel cells at F-Cell in Stuttgart. These fuel cell cathode air compressors are a key component for the performance of fuel cells.**

Eberspaecher announced the acquisition of Victori LLC, better known in the market as VAIREX air systems, in early July. Now, the company is presenting its fuel cell product segment under the brand name Eberspaecher Vairex to a broad trade audience for the first time at F-Cell in Stuttgart. The US company had already been developing and producing air compressors and associated components for fuel cells since 2009.

New at F-Cell

The air compressors from Eberspaecher Vairex are available as **single-stage and two-stage compressors** with volume flows of up to 75 grams per second and pressures of over 2 bar. The broad product portfolio includes solutions for fuel cells up to 50 kW. The air compressors are supplied as a complete system with brushless DC motors and corresponding controls matched to the power, voltage and **control systems** of the various applications. At F-Cell in Stuttgart, Germany, the company presents the VRB product line from the smallest VRB2 to the best-selling model VRB8. Multiple motor and controller options are available to meet a wide range of flow, pressure and voltage.

Also, on display is an example of the new product range VRC for fuel cells up to 150 kW for example in truck or bus applications. It is based on the same core technology adapted

for larger, more powerful, higher pressure compressors. First prototypes are already in customer projects and verification tests. Further, Eberspaecher Vairex will use synergies based on this acquisition to broaden the product portfolio for fuel cells. Based on the technology of side channel blowers the team is working on hydrogen recirculation blowers (HRB). These are already in use in initial customer tests for both stationary and mobile applications.

Suitable for stationary and mobile applications

Fuel cells generate electricity from hydrogen and other fuels at very high efficiency are used for both stationary and mobile power. In mobile applications such as intralogistics, they ensure emission-free transport of goods. The air supply components from Eberspaecher VAIREX control fuel cell power output by precisely controlling the air supply needed to generate energy. This makes them an essential component for efficient fuel cells.

Caption:

Best seller VRB8 from Eberspaecher Vairex.

Global Media Contact:

*Anja Kaufer
Head of Corporate Communications
Eberspächer Group
Phone: +49 711 939-0250
press@eberspaecher.com*

About Eberspaecher Vairex:

*Eberspaecher Vairex is a leading supplier of high-performance air compressors for fuel cells used in mobile, material handling and stationary application. The air compressor technology applied is uniquely well suited to meet the specific Fuel Cell Air compressor requirements such as clean air and durability. In July 2021 the Eberspaecher Group acquired VAIREX air systems who is headquartered in Boulder Colorado with Sales offices in Korea, Japan and China. With approximately 10,000 employees at 80 locations worldwide, the German Eberspaecher Group is one of the automotive industry's leading system developers and suppliers.
www.vairex.com; www.eberspaecher.com*