FPZ Extreme Conditions Blowers

Designed to operate reliably in
high-temperature or corrosive environments

FPZ™
BLOWER SOLUTIONS

Our range of blowers

ALUMINIUM STANDARD BLOWERS
For air intake

- e Series
- K Series
- R Series

HT SERIES BLOWERS
Designed for hot gas recirculation, optimizing system performance

Aluminium special blowers
- HT MOR 200°C

Special stainless steel blowers
- H 350°C for fuel cell

STAINLESS STEEL BLOWERS 316L
Corrosion resistant

Benefits: why choose FPZ blowers

FOR A SINGLE SUPPLIER COMPLETE PACKAGE

ENERGY EFFICIENCY
High performance IE3 motors

FLEXIBILITY

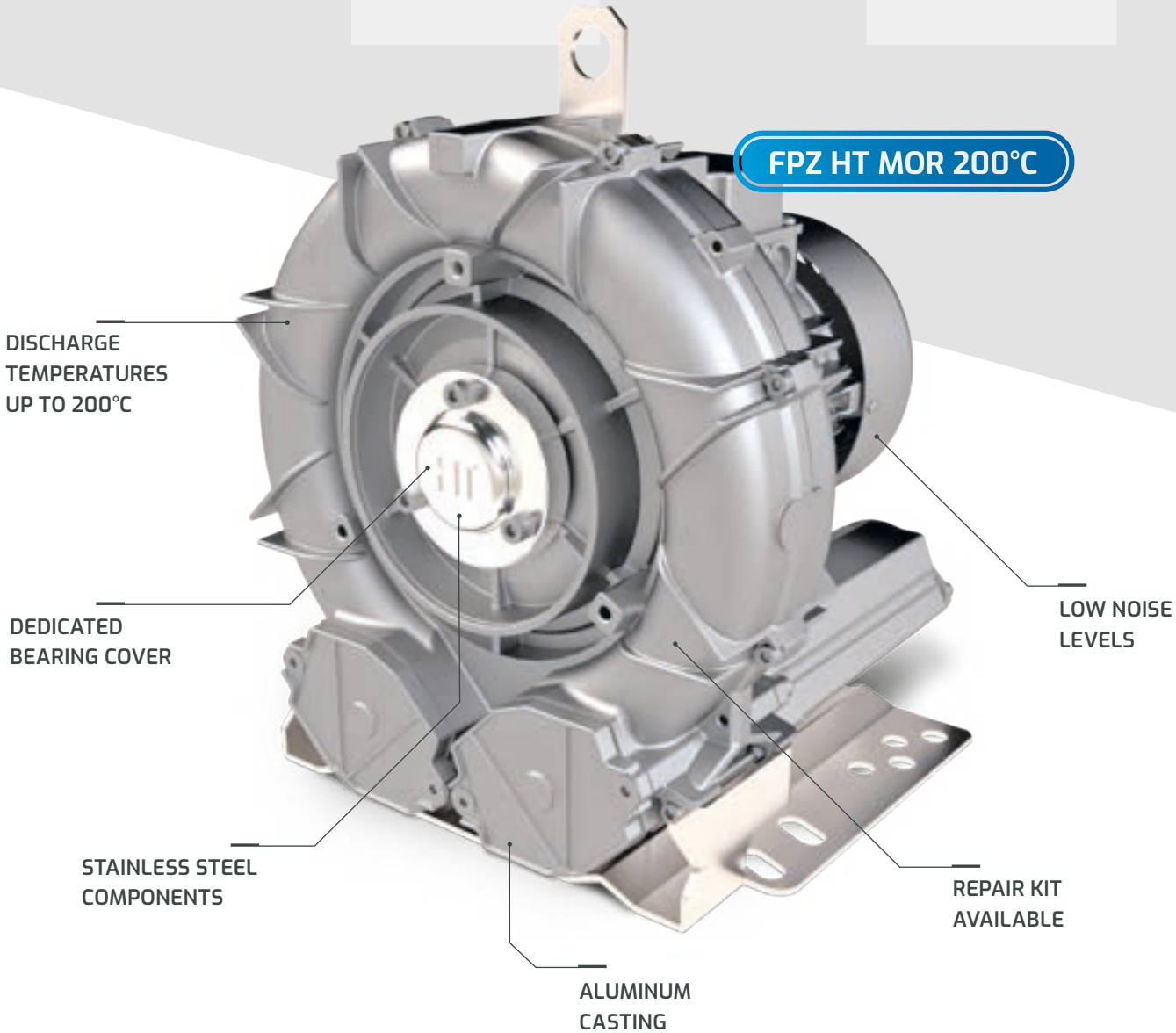
EASY MAINTENANCE
Repair kit available

FPZ Aluminium Special Blowers

FPZ high-temperature blowers are designed to operate reliably in demanding environments with discharge temperatures up to 200°C. Featuring an aluminum base combined with stainless steel components, including a dedicated bearing cover, they ensure extended service life even under severe thermal stress.

Every detail has been engineered for high-temperature applications, using materials that maintain the same low noise levels as our standard models while ensuring excellent durability and performance consistency.

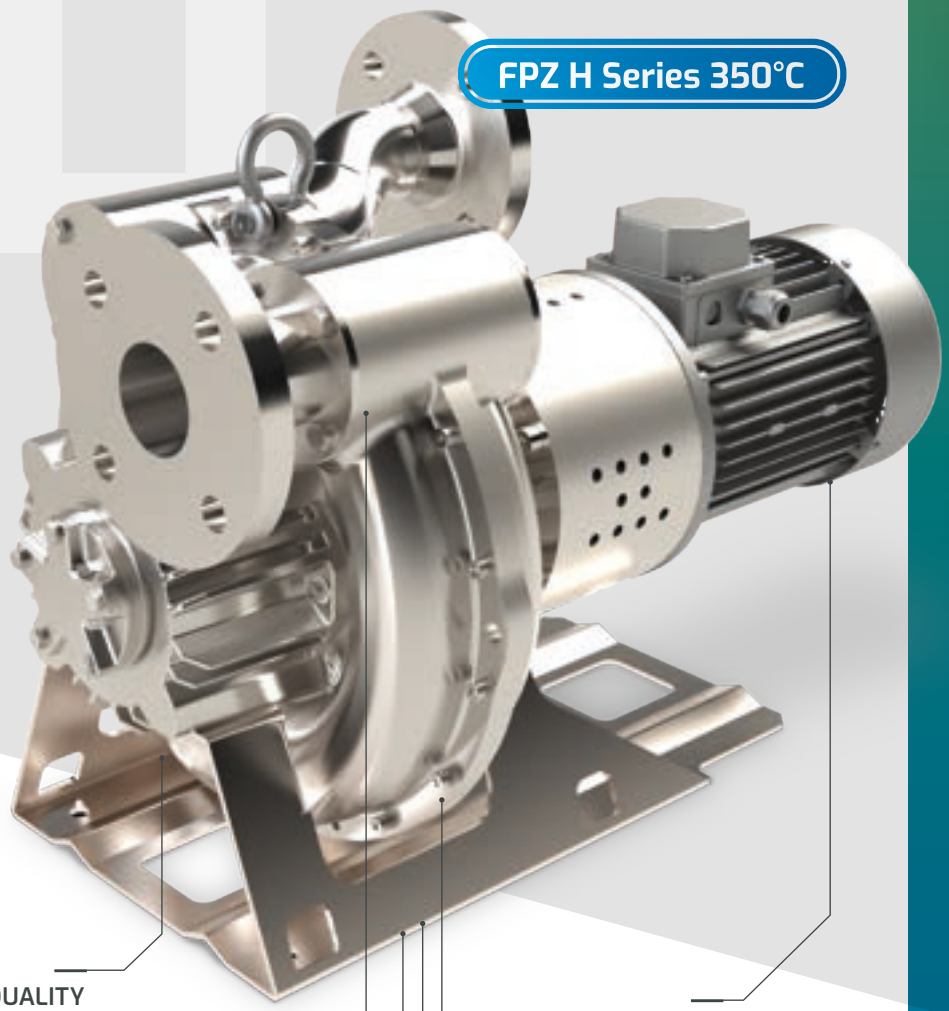
With their compact design and cost competitive configuration, these blowers offer the ideal solution for applications that bridge the gap between the H series and the standard series, providing strength, reliability, and efficiency where it matters most.



Stainless Steel special blower for fuel cell

The new HT Series blower from FPZ is a game-changer in the industry. Thanks to its special configuration and magnetic coupling, it is designed to handle air and technical gases of various compositions at high temperatures up to 350°C.

FPZ H Series 350°C



HIGH-QUALITY CONSTRUCTION

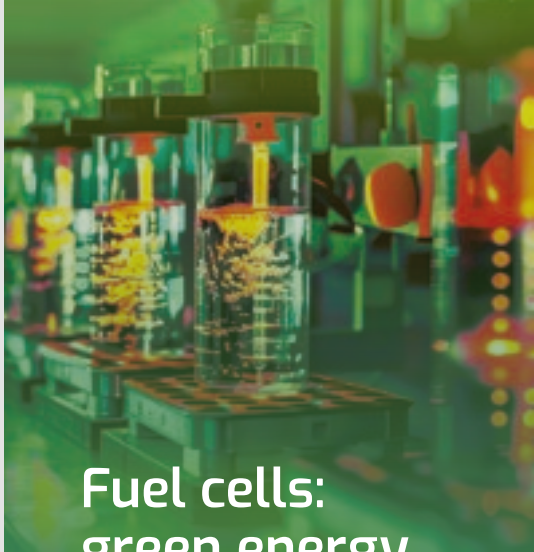
THANKS TO THE MAGNETIC COUPLING, **THE BLOWER IS HERMETICALLY SEALED**

OPTIMIZED EFFICIENCY
IDEAL FOR HEAT RECOVERY IN FUEL CELL SYSTEMS

HIGH-EFFICIENCY IE3 MOTORS

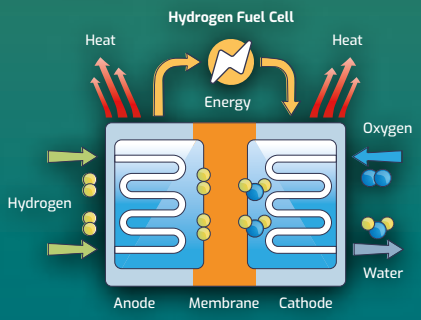
SIMPLIFIED MAINTENANCE
REPAIR KIT AVAILABLE

HIGH-TEMPERATURE RESISTANT
HANDLES GASES UP TO 300°C AT THE INLET



Fuel cells: green energy for the future

Fuel Cells (FC) are innovative systems for clean energy generation. They use hydrogen and natural gases to produce electricity with high efficiency and low emissions.



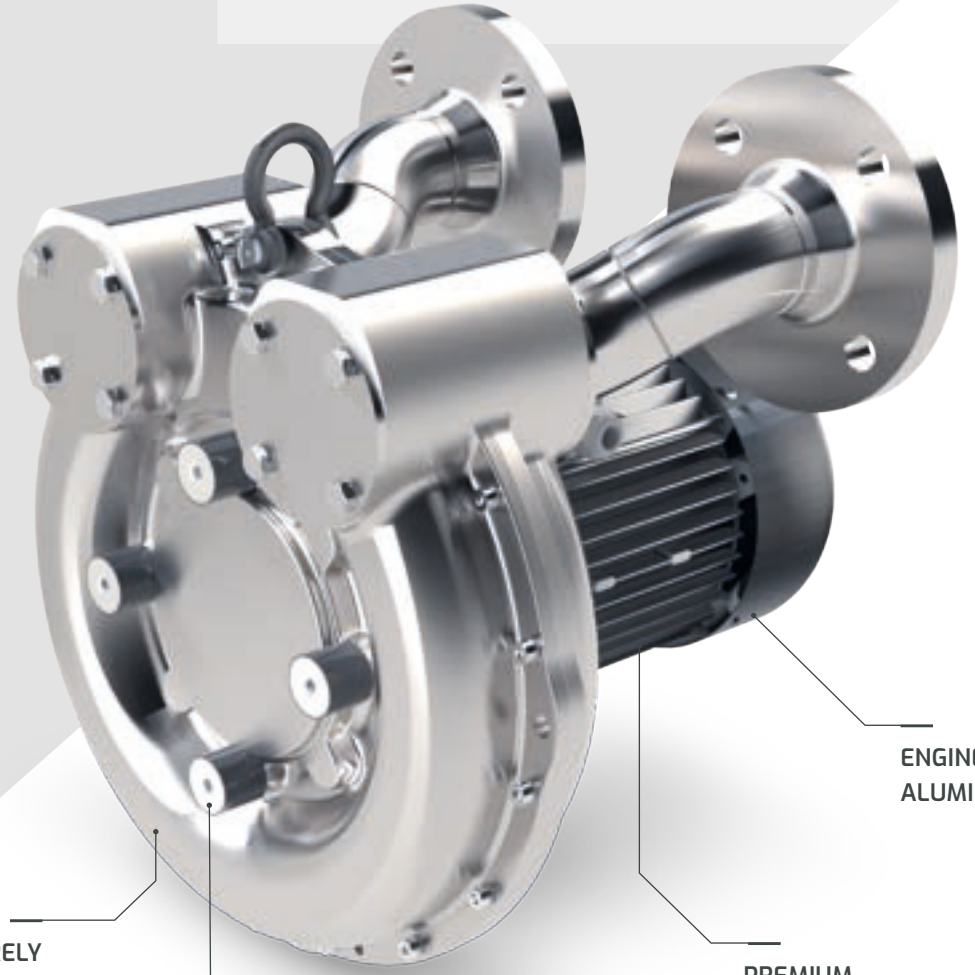
How do SOFCs work

1. Air is introduced into the cell through a standard side channel blower.
2. The fuel (Hydrogen, Natural Gas, Methane, Liquefied Natural Gas, Phosphoric Acid) reacts inside the cell at high temperatures (750–800°C), generating energy.
3. The residual gas from the reaction, which can reach up to 300°C, is managed by the new high-temperature blower, designed to withstand extreme conditions.

FPZ Stainless Steel Blowers

FPZ stainless steel blowers are specifically engineered to perform with corrosive fluids in the most and handle even the toughest industrial applications with confidence. Built with top quality materials and reinforced through a solid, precision construction, they are designed to resist wear, protect against damage, and deliver consistent results.

This combination of strength and durability ensures not only outstanding reliability, but also long-lasting performance that operators can count on day after day.



FPZ
Worldwide
sales network

Direct presence

FPZ UK Ltd.
Andover Hampshire, UK

FPZ Austria GmbH & Germany
Krems, Austria

FPZ France S.a.r.l.
St. Priest, France

FPZ Turkey
Istanbul, Turkey

FPZ, Inc.
Saukville, Wisconsin, USA

FPZ México
Zapopan, Jalisco, México

FPZ Middle East
Dubai, United Arab Emirates

FPZ South Korea
Seoul, South Korea

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4
production plants

9
subsidiary branches

70
countries