

Applications:

ROTRON Technical and Industrial Products offers one of the largest selections of blowers, pumps, and fans designed specifically for the fuel cell industry. We offer a full range of products for use in the following applications / systems:

- Cathode air**
- Reformer**
- Ventilation**
- Natural Gas Boost**
- Biogas Recovery & Boost**
- De-ionized Water Circulation**
- Electronic Cooling**

Advantages of Rotron:

World leader in air / fluid movement - Technical superiority. Innovative thinking. A proven commitment to quality. Since its inception in 1949, the name Rotron has been synonymous with reliability, quality, innovation, and technical leadership in the field of electromechanical devices. Over the years Rotron products have become significant contributors within the medical, industrial manufacturing, fuel cell, environmental, transportation, processing, material handling, air and water pollution control markets. Rotron's commitment to supply customized and standard products to fit customer needs has positioned Rotron as a true leader within the industries we serve.

Expansive product line - We offer Industrial regenerative blowers, High speed brushless DC blowers and fans, brushless DC Pumps, fractional horsepower brushless DC motors and a full line of accessories. With over 2000 different models and accessories Rotron has a blower, motor or pump to meet most of the needs of the industries we serve

Custom design capabilities – If your application need is not within our existing models contact us and we can design the right product to meet those needs. Rotron has an experienced sales and engineering staff capable of handling both routine and unique applications and product customization.

Customer specific next-level-of-assembly – Our efforts do not stop at just selling products and accessories, we offer assembly services. Need the blower mounted to a base plate with inlet and outlet piping including a moisture separator and flow meters? Need one of our motors mounted on to your impeller and blower housing? We can do it all!

ROTRON

Technical & Industrial Products

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Product Options:

Blower

- Through-Flow / By-Pass configurations
- Multi-stages
- Regenerative
- Backward/ Forward curved rotating fan configurations
- Remote drive
- Chem-Tough™/ Food-Tough™
- Lo-Leak™
- Hermetically sealed
- Up to 1000 CFM (1700 m³/hr)
- Up to 250" water gauge (620 mbar) pressure
- Various inlet/ exhaust sizes
- Various impeller/ housing materials

Motor

- Brushless (spark-free)
- Infinitely variable speed control (Pulse Width Modulation [PWM], analog or mechanical)
- Multiple fixed speeds
- AC/ DC input compatible
- DSP functionality (customer specific)
- High efficiency
- Explosion proof
- Wash-down compatible

Pump

- Magnetically coupled
- Seal-Less / Brushless
- Max flow of 26 gal/min (98 liters/min)
- Material/ Potassium Hydroxide (KOH) compatible
- De-ionized water
- Various impeller/ housing/ shaft materials

Accessories:

- Air Filters
- Mufflers/ Silencers
- Airflow/ Pressure Gauges
- Power Factor Correction (PFC) module
- Airflow Switches
- Sound Enclosures
- Air Knives
- Moisture Separators
- Electro-Magnetic Interference (EMI) filtering