

Water & Wastewater

TREATMENT SOLUTIONS



HOFFMAN



LAMSON

Water & Wastewater

TREATMENT SOLUTIONS

The Two Best Brands

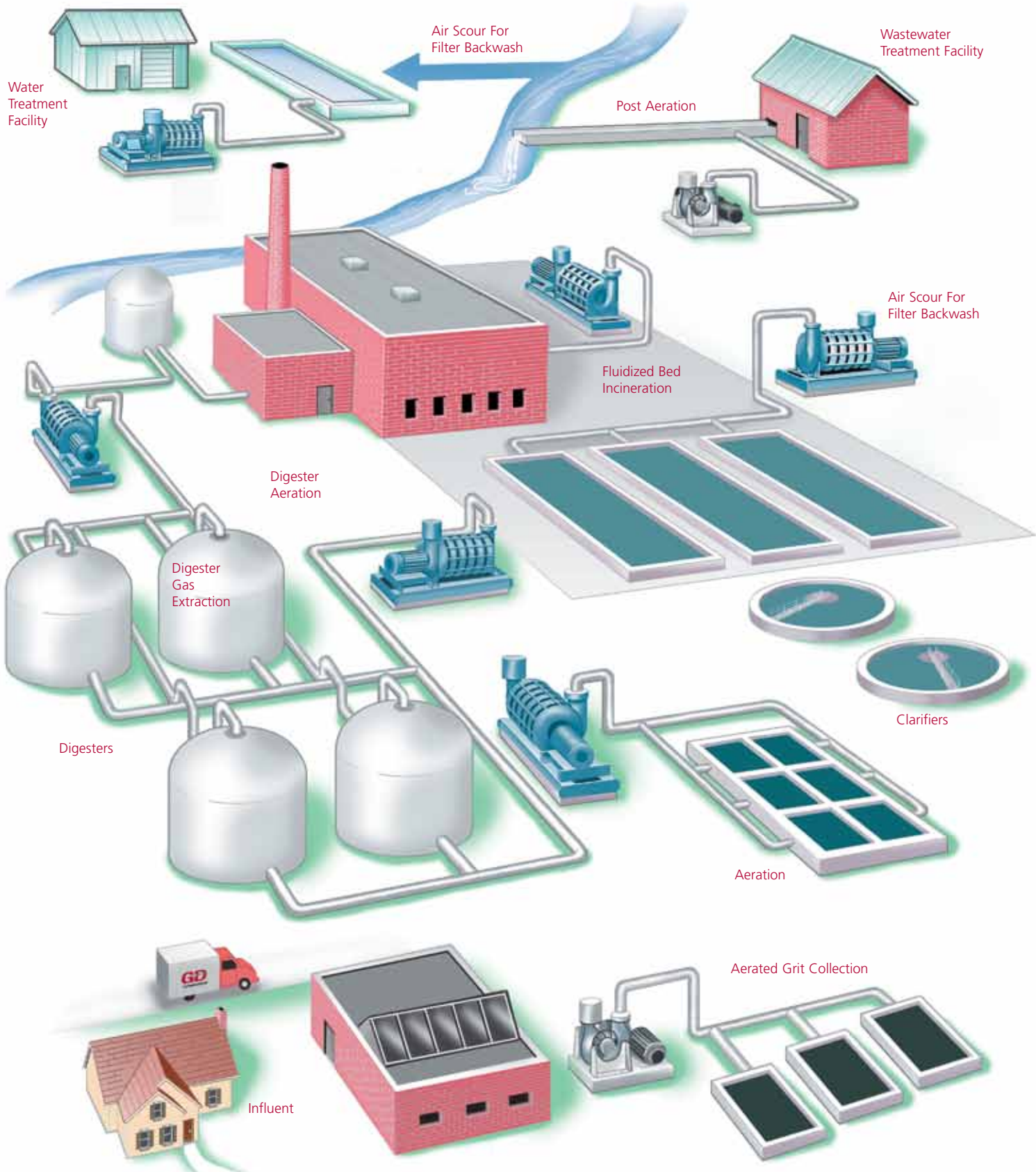
Hoffman® and Lamson® brand centrifugals are recognized around the world as the best blower and exhauster solutions for wastewater treatment applications. For more than 100 years customers have trusted the quality performance these legacies provide. Anchored in tradition, this experienced Hoffman and Lamson blower/exhauster lineup remains the most comprehensive offering in the world. Today, as the largest manufacturer of blowers/exhausters, our number one priority continues to be unparalleled responsiveness to meeting customer needs. Our unwavering commitment to developing long-term customer relationships, innovative product designs, and quality manufacturing is evident with over a hundred thousand installations. We are continually improving delivery and response times, while setting the highest performance standards in the industry. Never in the history of blower/exhauster manufacturers has there been a company as capable of delivering great value, exceptional quality and quick turnaround on orders. So the next time you're evaluating blower/exhauster options for your wastewater treatment facility, remember the best, Hoffman and Lamson brands and give us a call. Our professional sales representatives are honored to assist you with your application challenges and requirements. These factory trained representatives are conveniently located throughout the United States and around the world.

Your Wastewater Treatment Answer:



Hoffman® & Lamson® Brand Centrifugals

PROVIDE PROCESS AIR FOR WATER & WASTEWATER APPLICATIONS



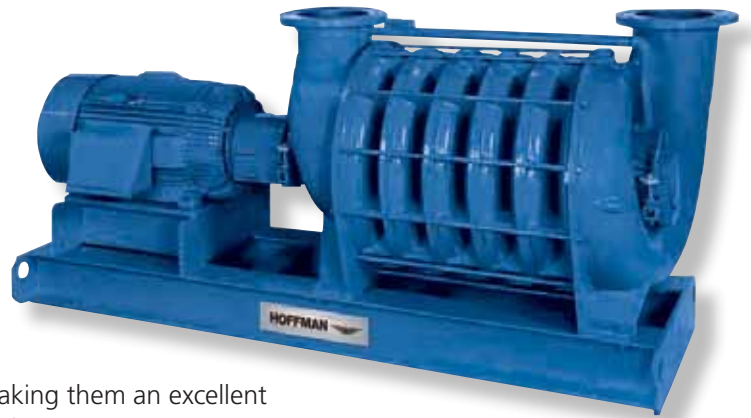
Aeration Solutions



Hoffman & Lamson Multistage Centrifugal Solutions

Gardner Denver's Hoffman and Lamson branded multistage centrifugals are the proven standard for water and wastewater treatment applications requiring continuous low-noise operation with minimal maintenance requirements. Primarily used for aeration and aerobic digestion, Hoffman and Lamson multistage centrifugals can be throttled via an inlet butterfly valve making them an excellent choice for controlling dissolved oxygen concentrations (DO) in the wastewater. Hoffman and Lamson exhausters can also be used in sludge digestion to exhaust the digester gases, for channel aeration and in filter backwash applications.

Gardner Denver offers a wide range of Lamson and Hoffman blowers/exhausters, each having its own unique performance characteristics and design features to match your application requirements. Hoffman and Lamson blowers/exhausters are available in complete engineered solution packages featuring electric, steam turbine or VFD drives.



- Airflow to 41,000 cfm
- Pressure to 22 psig
- Vacuum to 17.6 "Hg



TurboTron® (a Lamson Brand) Regenerative Solutions

The Lamson TurboTron® regenerative blower/exhauster is designed to provide continuous flow, low noise and pulse-free air, with the versatility to perform in numerous water and wastewater, air and gas applications. The regenerative solution features a revolutionary impeller design, achieving multistage compression with a single impeller. Since there is only one moving part and no timing gears, it is virtually maintenance free. The Lamson TurboTron regenerative blower/exhauster can be specified for use as a quiet choice for grit aeration, channel aeration, aerobic digestion and digester gas booster applications. It is available as an individual blower/exhauster unit or as a complete engineered package.

- Airflow to 900 cfm
- Pressure to 13 psig
- Vacuum to 14 "Hg



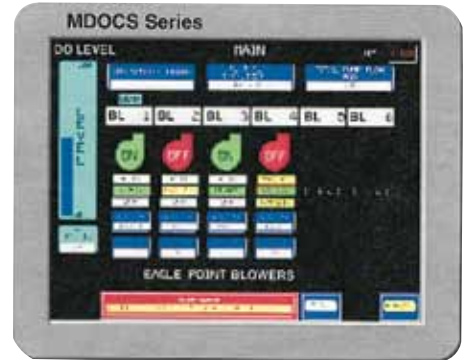
Water & Wastewater

TREATMENT SOLUTIONS



Hoffman & Lamson Monitoring & Control Systems

When you're responsible for a water or wastewater treatment plant, you need control systems to properly operate your blowers/exhausters. It's important to protect vital equipment from conditions that may lead to catastrophic mechanical failure, costly downtime or voiding your manufacturer's warranty. At Gardner Denver, we engineer a variety of monitoring and control systems capable of providing you with the protection and information you need to keep your operation running at peak efficiency. Designed for wastewater system dissolved oxygen (DO) applications, our Master Dissolved Oxygen Control System (MDOCS) programmable logic control (PLC) system is the answer to controlling more complex blower configurations found in wastewater treatment operations. Hoffman and Lamson monitoring and control systems safeguard a variety of conditions that include motor current, motor temperature, blower vibration, bearing temperature, bearing oil level, discharge air temperature, inlet vacuum and outlet pressure.



Hoffman & Lamson Factory Service

Warranty Renewal Program – THE Best Way to Protect Valuable Assets

Only Gardner Denver offers this Preventative Maintenance Program as your assurance that your centrifugal blower will run for years to come at peak efficiency. It starts with a qualifying service call by a factory technician. A factory warranty is issued for the following year covering any failures. The annual cost is usually less than the cost of one emergency service call.

Factory Remanufactured Blowers/Exhausters



Gardner Denver offers a wide range of Hoffman and Lamson remanufactured blowers and exhausters available for immediate shipment. Remanufactured blowers are built to the same exacting standards as

our new machines, are rigorously tested and carry the same factory warranty. Remanufactured blowers offer an excellent cost-effective alternative to new machines.

Factory Repairs

Factory repair specialists completely disassemble, clean, inspect, re-balance and repair your blower to its original factory specifications. All repairs are done using genuine Hoffman and Lamson factory certified parts. When repairs are complete, each machine is tested to factory standards and is covered by a new product warranty.

On-Site Repairs & Services

Gardner Denver understands the importance of minimizing blower/exhauster downtime. Most repairs can be made on site by our factory trained service technicians, located in strategic areas throughout the country. This saves you costly shipping charges and downtime production losses. You can be assured your blower is being repaired with genuine factory parts, and only Gardner Denver can give you a factory warranty after the repair.

Gardner Denver factory-trained technicians are also capable of other on-site services to optimize blower life and performance, reduce downtime and increase productivity. These field services include laser alignment, certified vibration analysis, and operator and maintenance training.

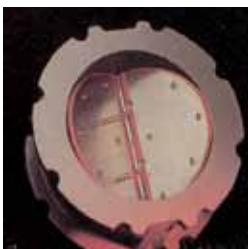
Genuine Hoffman & Lamson

PARTS, ACCESSORIES & LUBRICANTS



- AEON® Centrifugal Blower Lubricants
- Performance and Application Matched Accessories

Quality parts can only provide years of service life if they are properly lubricated. Insist on Hoffman and Lamson AEON CF-46 Lubricating Oil and AEON Lubricating Grease. Both AEON CF-46 Lubricating Oil and AEON Centrifugal Lubricating Grease are formulated for thermal stability and exceptional oxidation resistance to endure high blower temperatures and protect against corrosion.





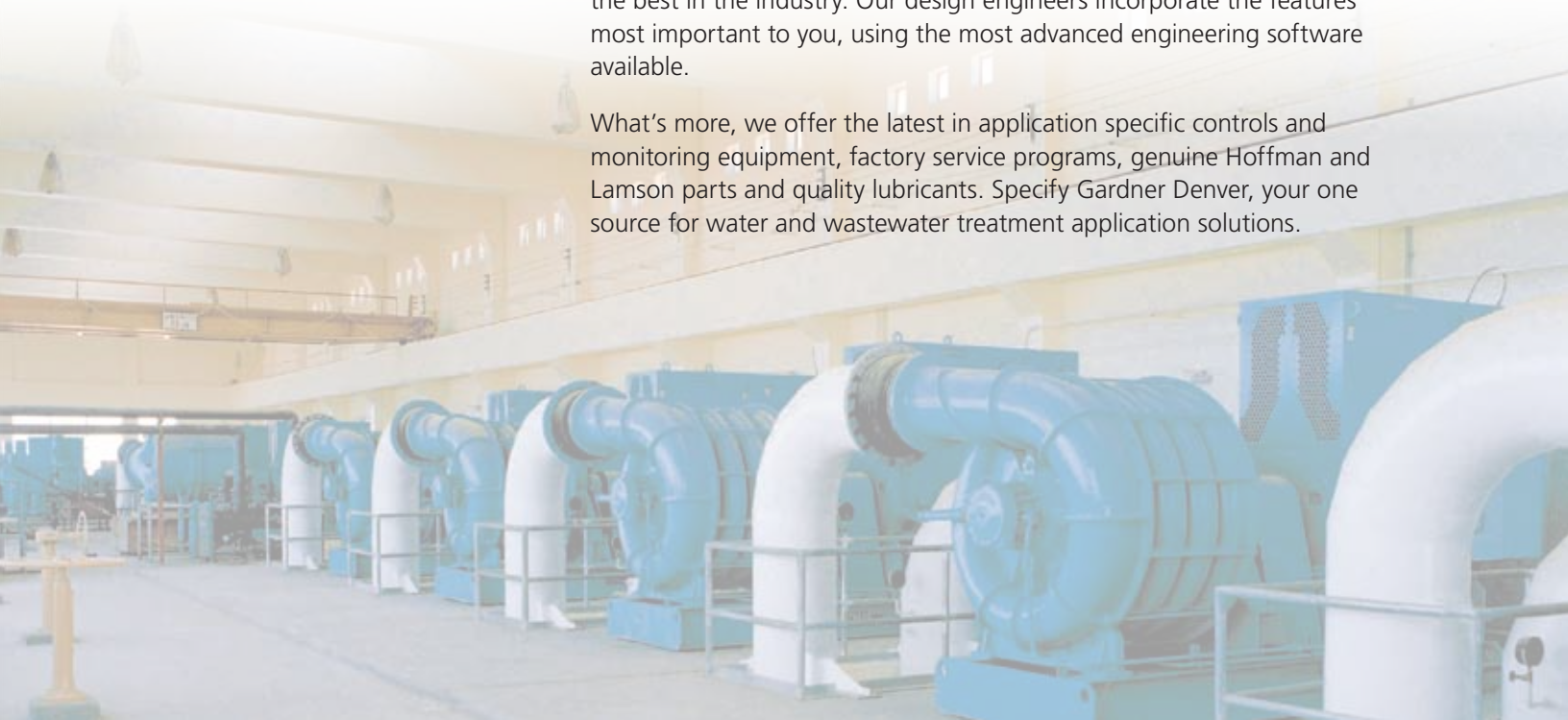
Only Gardner Denver offers the most successful and comprehensive multistage centrifugal blower offering the world has ever known. With several hundred thousand installations worldwide, the Hoffman and Lamson brand heritage, brings over a 100 years of quality innovation and experience to our customers. Hoffman and Lamson multistage centrifugal blowers represent a proven history of performance and the assurance of dependability with exceptional quality, design, materials and workmanship.

Whether you're treating water for a clean water supply or treating wastewater, Gardner Denver offers the widest and most comprehensive range of blowers/exhausters and engineered package solutions of any manufacturer in the world. At Gardner Denver we know that every treatment facility has its own unique design and output capacities. As experts in blower technology, we can match these requirements. From our Hoffman and Lamson multistage centrifugals to our regenerative blowers/exhausters, Gardner Denver offers the latest technology best suited to maximize productivity and minimize energy costs for your operation.



All of our blowers/exhausters, monitoring control systems and engineered packages represent the highest quality workmanship in the industry using the finest materials, state-of-the-art machining equipment, assembly and testing processes available today. Our dedication to design and quality assures you that the product you get is the best in the industry. Our design engineers incorporate the features most important to you, using the most advanced engineering software available.

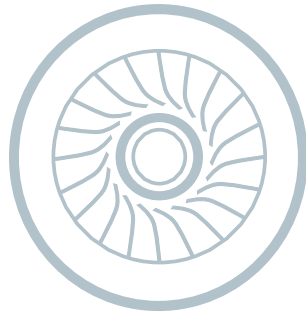
What's more, we offer the latest in application specific controls and monitoring equipment, factory service programs, genuine Hoffman and Lamson parts and quality lubricants. Specify Gardner Denver, your one source for water and wastewater treatment application solutions.



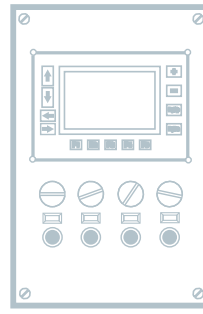
Water & Wastewater Treatment Solutions



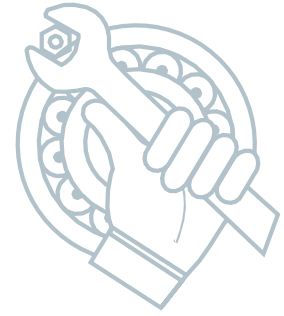
Hoffman and Lamson multistage centrifugal blowers/exhausters



Turbotron regenerative blowers/exhausters



Monitoring and control systems



Factory service, genuine GD parts



Gardner Denver®

www.HoffmanandLamson.com cf.blowers@gardnerdenver.com

Gardner Denver, Inc. 100 Gardner Park, Peachtree City, GA 30269
 New Equipment Sales: (800) 543-7736 Phone: (770) 632-5000 Fax: (700) 486-5628
 Aftermarket Parts Sales: (800) 982-3009 Phone: (770) 632-5000 Fax: (700) 486-5530

Specifications subject to change without notice.

Please recycle after use.

