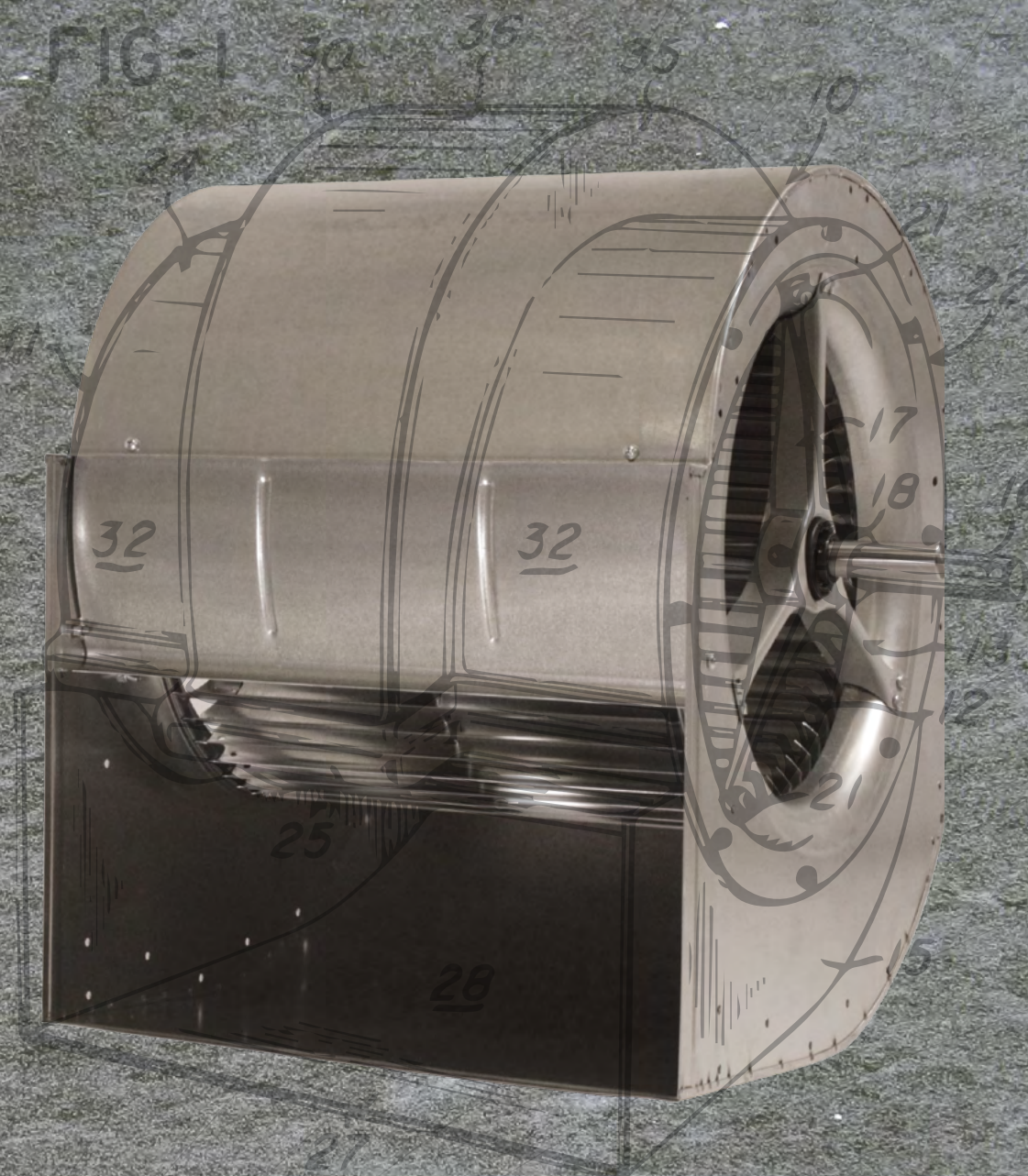




OUR EXPERTISE,
YOUR AIR-MOVING SOLUTION



CONCEPT. PROTOTYPE. IMPLEMENTATION. SUPPORT.

ABSOLUTE
RELIABILITY.

VISIT US:
LauFan.com



INNOVATING FOR OVER 80 YEARS

No application is too big or too small.

For decades, Lau has earned a reputation for delivering innovative, high-efficiency air-moving products that exceed customer, aftermarket and OEM HVAC industry requirements.

From past to present:

Founded in 1931, the Lau Blower Company soon became the leader in producing large volume, high quality blowers. When gravity-type furnaces were converting to forced-air in America, Edgar B. Lau seized the opportunity. In 1941, Lau was granted a patent for a blower conversion unit which converted gravity heated homes to forced air. This early invention launched Lau on its path toward efficiently moving air to improve comfort. As homes made the switch, Lau continued to be at the forefront of developing forced air solutions for residential and commercial use. From these beginnings grew a company whose products are known throughout the world today. There is a very good chance the furnace that heats your home and the air conditioner that cools your office contain a Lau air-moving component.

Growth through acquisition and product development has been an important strategy for Lau since the early 1960s. Over the past eight decades, we have become the heating, air conditioning, ventilation and refrigeration industry leader in manufacturing propellers and blowers.

"Exceeding our customer expectations is not only part of our job... it's part of our culture."

Edgar B. Lau



Innovating from the beginning

Since Edgar B. Lau first introduced the Preslok™ blower wheel, a proprietary process for manufacturing blower wheels, Lau has been the recognized leader in manufacturing air-moving components.

Today Lau is the largest manufacturer of air-moving components in North America for the Heating, Ventilation, Air Conditioning and Refrigeration OEM industry. No other American air-moving manufacturer offers such a diverse product line of residential and commercial heating and air conditioning products.

OUR VISION

Today Lau is the largest manufacturer of air-moving components and fan systems in North America for the heating, ventilation, air conditioning and refrigeration industries. Lau continues to lead the way into the future in both OEM development, customer service and Aftermarket support.

Innovation: The Engine of Growth

Since its inception, one of the reasons for Lau's success is a core belief that business can only grow through innovation. With over 50 patents related to heating and ventilation comfort, Lau continues to innovate solutions to meet the world's changing energy and noise requirements while delivering the highest quality products as economically as possible.

Our Expertise. Your Solution.

With decades of experience comes air-moving knowledge— the foundation of what Lau brings to each application. Lau offers both standard and custom solutions, tailoring each product to a specific application to maximize performance.

Lau is the only air-moving company that is committed to partnership with you throughout the product lifecycle.

OEM

No other North American manufacturer offers a more diverse product line of air-moving devices. From concept design and prototype testing through to application implementation and ongoing support, Lau delivers absolute reliability in everything we do.

Aftermarket

Lau is the only manufacturer in the market dedicated to the replacement business.

Learn more about our diverse line of residential and commercial HVAC components at **LauParts.com**.



PRODUCT DEVELOPMENT

For over 80 years, Lau engineering has been without rival in our industry.

From basic air-moving components to motorized packages, Lau engineering is uniquely positioned to tackle the most demanding customer application challenges. Our team of experienced design engineers and technicians utilize state of the art engineering tools and laboratory facilities to provide solutions for the most demanding requirements. Areas of technical expertise include airflow performance, acoustics, and structural dynamics.

Our engineering department is the backbone of our business.

Lau's laboratory facilities are world class

- Airflow
- Acoustics
- Dynamics
- Lifecycle
- Salt Spray Corrosion
- Model Shop
- Pro-E & AutoCad Documentation

Additional information

- The Lau engineering laboratory contains a 12,000 ft² prototype and sample shop supporting product development and customer sample requests.
- Airflow performance testing is conducted in two large airflow chambers, capacity up to 50,000 cfm (25 m³/s) and 9 in-wg (2,250 Pa) in accordance with AMCA Standard 210.
- Dual reverberant rooms are available to measure sound power levels in accordance with AMCA Standard 300.



Lau's industry-best lab facility

SLA & SLS Early Prototyping

To reduce the time to market Lau uses a variety of rapid prototype techniques, including Selective Laser Sintering and Stereolithography to quickly produce parts for evaluation and testing. These prototyping techniques lead to substantial reductions in the product development cycle.

CFD

Lau's world class engineering team employs advanced analysis tools such as Computational Fluid Dynamics to develop the most energy efficient air moving systems for our customers.

UNIQUE CAPABILITIES

Lau leads the industry as the largest manufacturer of air-moving components and fan systems in North America for the heating, ventilation, air conditioning and refrigeration industries.

A PROVEN APPROACH

High standards for quality and productivity are achieved by our experienced, innovative manufacturing team.

In addition, Lau products are produced in multiple factory locations which ensures optimized logistics and freight cost savings.

CUTTING EDGE TECHNOLOGY

Our manufacturing facilities are equipped with the latest fabrication equipment.

PRECISION

We utilize robotic welders to ensure the best quality and consistency.

BALANCE

Lau uses state of the art balancing systems which allow us to offer precision balancing grades.

ISO CERTIFIED

Lau is certified under the ISO 9001:2008 standard of performance and we pride ourselves on continuous measurable improvements and accountability.

COMMITTED TO EFFICIENT SOLUTIONS

Lau's experienced design engineers and technicians utilize state of the art engineering and laboratory facilities. These tools and facilities enable them to develop air moving solutions that meet the unique needs of individual customers.

Unique product innovation

Lau continues to develop new and innovative products that deliver high-efficiency and flexible solutions.

DDP High-efficiency motorized air movers available in stand alone, stackable and seismic isolated versions

STEALTH WHEELS FC type products offering higher efficiency, lower sound, expanded operating range and reduced product weight

AIRFOIL WHEELS The most efficient centrifugal air movers available in the industry

OEM

We focus on serving OEM companies with a range of products. We offer the styles, sizes and materials that meet the requirements of these important markets:

- Residential
- Commercial
- Industrial

Aftermarket

Our Lau Parts division is dedicated to aftermarket replacement components.

Learn more at LauParts.com

Agricultural

Lau offers the products and experience to support the air movement needs of livestock, grain and food processing facilities.

North America

A versatile manufacturing network with locations in Rochester, Lexington, Monterrey and Juarez.



AXIAL FANS

Lau offers the most versatile range of propellers on the market today.

Proper selection and application of propellers in unitary systems is a complex subject because of the large variety of propeller designs and systems in which they are used. The proper selection and application of the propeller requires evaluation of all the variables to arrive at the most efficient, economical propeller for you applications.

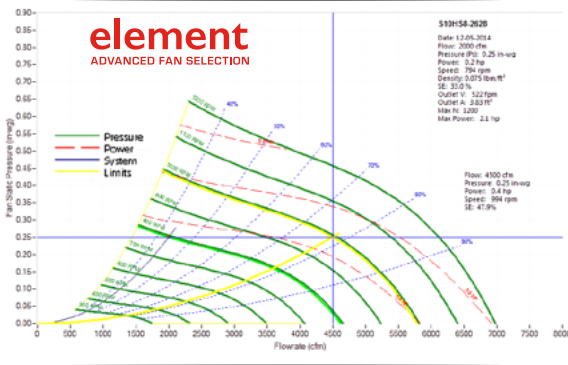
Lau's axial fans are designed for numerous pressure applications including condenser units and heat pumps, cooling towers, engine cooling and agricultural ventilation.

Performance



HS SERIES

The proven solution for low noise, high efficiency air condenser and heat pump units that delivers the best performance and dependability in the industry.



10"-18"

M SERIES

A high-efficiency product series designed for a variety of condenser, free air and other applications.



18"-26"

CF SERIES

An economical design, specifically for residential air condenser units.



18"-28"

S SERIES

The standard for residential and commercial air condenser units and heat pumps.



18"-30"

HS SERIES

The best solution for low noise, high efficiency in residential and commercial air condenser units and heat pumps.



18"-50"

E SERIES

Lau's most versatile propeller series designed for the widest range of utilization, including commercial, industrial and heavy-duty applications.



10"-20"

Y SERIES

A robust, universal product typically used in low and medium pressure applications.



10"-24"

R SERIES

Designed for free air, low pressure applications, such as air circulators, with minimum noise levels in mind.

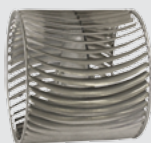


36"-60"

D SERIES

Specifically designed for poultry, swine, greenhouse, and warehouse ventilation applications.

CENTRIFUGAL FANS



STEALTH WHEELS & BLOWERS

Lau's Patented revolutionary design available in 9", 10" & 11" diameter wheel, wheel + housing, belt and direct drive configurations generating higher-efficiencies, lower sound expanded operating range and reduced product weight.



CORUS

An environmentally superior alternative to conventional fans that can be used in any design or any application (BC airfoil blades).



DDP FAN ARRAYS

Fan arrays offer maximum performance, reliability and efficiency. The advantages of a proven design multiplied to achieve synergy and security.



A SERIES PRESLOK WHEELS & HOUSINGS, BASIC BLOWERS

Commonly used in commercial air handlers and filtration equipment. Available in both direct drive (9" - 12") and belt drive (9" - 20").



PRESLOK WHEELS

The preferred forward curved blower for commercial air handlers and small to mid-tonnage furnaces. A robust, cost effective wheel that sets the standard for the industry. Available in both single and double inlet, direct and belt drive versions.



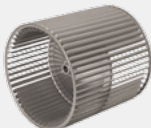
AIRFOIL WHEELS & BLOWERS

After years of research and design, Lau introduces a line of airfoil blade blowers deserving of the Lau name. Increased efficiency and a non-overloading wheel combined with OEM design features and proven performance. Only from Lau.



HDFC SERIES WHEELS & BLOWERS

A heavy duty, belt driven line of wheels and blowers for commercial and industrial applications. Forward curved blades provide good performance in a compact package. Lau's H style wheels and blowers deliver high air volume for class I and II requirements.



DOVLOK WHEELS & BLOWERS

A lightweight, light duty solution designed for residential furnace and light commercial air handler applications. Available in both direct and belt driven versions.

Lau offers the broadest range of centrifugal products available anywhere in the world – a variety of innovations from a single source.

The most common types of centrifugal fans are forward-curved (FC) and backward-curved (BC) airfoil. FC are by far the most common type of centrifugal fan. A housing is necessary to develop rated pressures. FC fans are used in high flow, low pressure applications including residential furnaces and packaged air handling equipment. When used in its designed range, FC fans are the most compact air-moving solution.

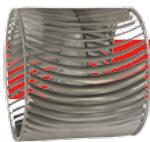
BC airfoil wheels perform well with or without a housing and are used in medium flow, high pressure applications such as air handling units. The BC airfoil wheel is the most efficient centrifugal fan design.

Innovation



DDP

- Low maintenance direct drive
- High efficiency
- Stackable redundancy
- Resonance free



STEALTH

- Higher efficiency
- Lower sound
- Expanded operations envelope
- Lighter weight

SUPPORT

Application Engineering

Element

More than just fan selection software, element is a comprehensive tool to design an air moving solution for your application. element incorporates an easy-to-use interface with everything the design engineer needs to identify, compare and select fan technologies in a simple, single software package.

LauFan.com

No other North American manufacture offers a more diverse product line of air moving devices. Learn more about our products at our website.

Customer Service

Lau is dedicated to exceptional customer service. Our representatives are highly trained experienced professionals with a high level of product knowledge. From quotation to receipt of shipment, If you need pricing, help placing an order or want to check delivery status our dedicated customer service staff takes pride in providing prompt, efficient and accurate order information.

Experienced Sales Staff

Our staff of Sales Engineers have unmatched experience and decades of the HVAC industry knowledge. Lau Sales Engineers are committed to partnering with customers to identify the most economical, highest performance standard or tailored custom air moving product solution that adds value and ensures success.

Expect nothing less than Absolute Reliability.

Contact Us

info@LauFan.com
937 476 6500

Inside sales customer service account representative.

Lau's staff of skilled, highly trained customer service account representatives are eager to assist with all of your ordering and shipping needs.

Field Sales

Our field sales professionals have over 100 years of combined sales experience to assist customers with all their product request.

EDI

From order entry to delivery, Electronic Data Interchange ensures fast efficient processing of customers orders.

Quality Control

All of Lau's manufacturing facilities are ISO 9001:2008 certified to ensure the highest product quality standards.

ISO9001
CERTIFIED

element

ADVANCED FAN SELECTION



New and improved selection tools deliver efficient, reliable air moving solutions. From concept to final submittal, when you use Element you get more than just a fan selection, you get a total air moving solution to help you increase efficiency and ROI.

More than just fan selection software, Element is a comprehensive tool to design and air-moving solution for your application. Element incorporates an easy-to-use interface with everything the design engineer needs to identify, compare, and select the fan technologies in a simple, single software package.



Element software features

1 Sort

Make selections based on fan technology and operating points, or simply by energy efficiency and operating points.

2 Compare

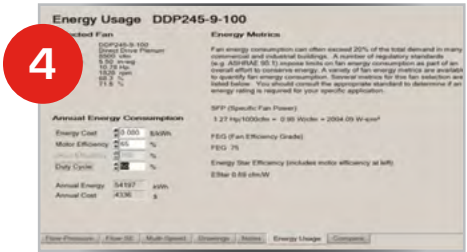
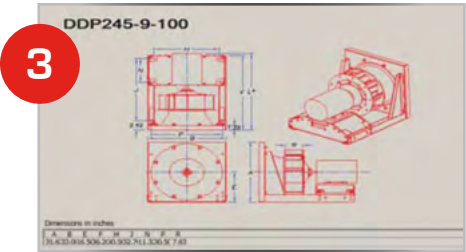
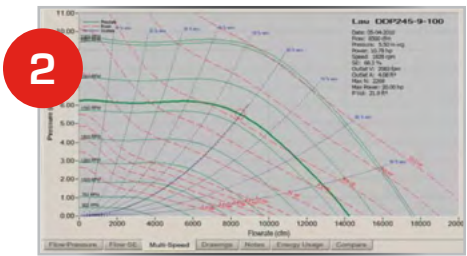
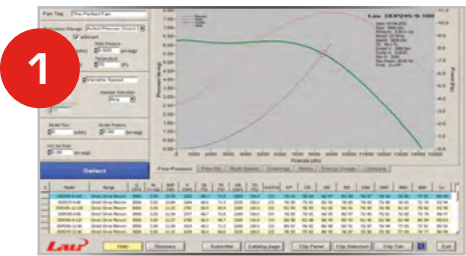
Compare side by side performance, size, efficiency and operating costs of the top 20 selections and quickly identify the optimum air moving solution to meet your application.

3 Print

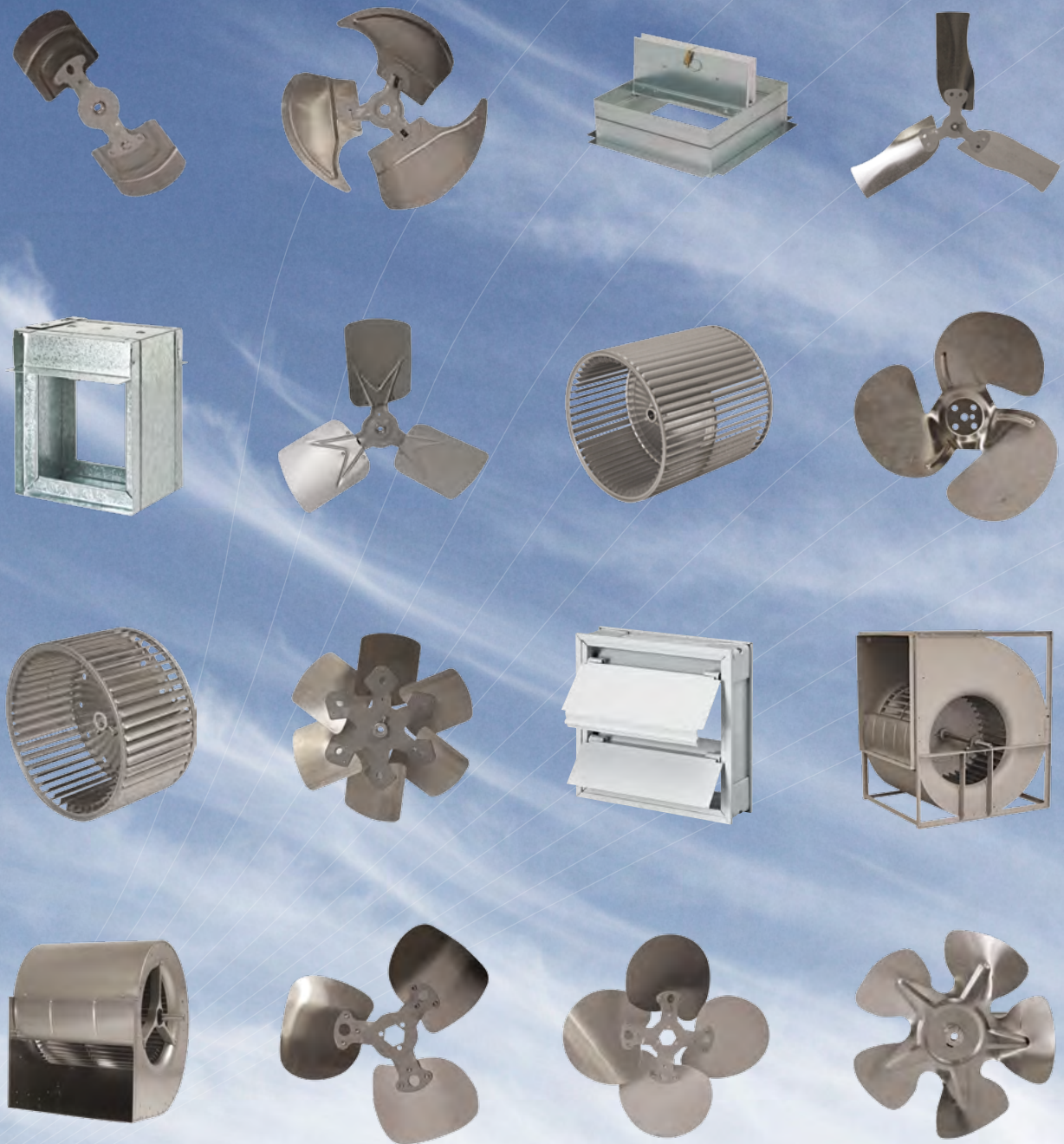
Print everything you need; single and Multi-speed performance graphs, dimensional drawings, projected operating cost and more to completely support your project.

4 Relax

We've got you covered; relax with confidence that you have selected the most efficient, cost effective air moving solution for your application.



In addition to the great features shown here, Element allows users to quickly and easily print submittals, catalog pages, and drawings all to a printer or PDF with one-touch access.



WE'VE GOT YOU COVERED.

DEDICATED TO REPLACEMENT PARTS.

VISIT US:
LauParts.com



DEDICATED TO AFTERMARKET.

Lau is the only manufacturer in the market dedicated to the replacement business.

We specialize in offering a diverse line of residential and commercial HVAC components unparalleled by any other air moving manufacturer. With the addition of Fire/Life Safety Products, Control Dampers & Louvers, Lau now offers the most complete line of air moving and related products in the replacement market.

We Are in the Urgency Business

When equipment goes down, you need replacement parts fast. We offer the most complete selection of inventory in the industry, shipped from three regional warehouses, at competitive prices.

Premium Products

Lau is the most diverse and dependable full-line supplier of component products and fan systems to residential and commercial heating and cooling markets.

The precise work we do on custom spec components often outlive the equipment manufacturer's original product design. In fact, it is not surprising to find our client companies changing their equipment designs more frequently than our components.

No other domestic air-moving manufacturer offers such a diverse product line of residential and commercial air moving component parts. **Contact us today.**



From concept to
production and
aftermarket support,
Lau is your partner
throughout the
product lifecycle.

We've got you covered.


LauParts.com
937 253 2000



OUR EXPERTISE, YOUR AIR-MOVING SOLUTION

4509 Springfield Street
Dayton, Ohio 45431

For more information visit LauFan.com.
Call 937-476-6500

 Follow Lau @LauOEM