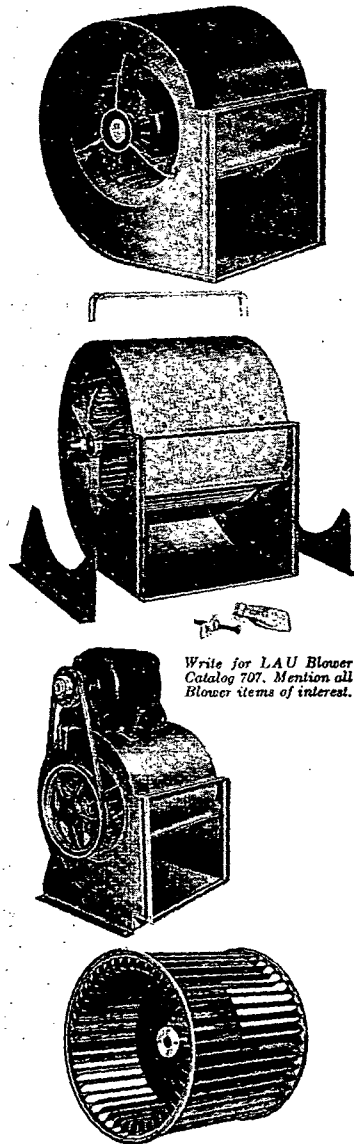


The Lau Blower Company

2004 Home Avenue, Dept. J, Dayton 7, Ohio

In Canada • The Lau Blower Company of Canada, Ltd., Kitchener, Ont., Canada
Manufacturers of Exhaust and Portable Fans, and Air Conditioning Blowers



Write for LAU Blower
Catalog 707. Mention all
Blower items of interest.

LAU Direct Drive Blowers, complete blower "package" without belts, pulleys, or expensive motors. Compact, simplified, inexpensive unit affording economies in space and flexible installation. Sizes from DD7 to DD9, capacities up to 1200 cfm. Standard Motors shaded pole type; 6 pole, 115V, 60 cycle, AC. Motors $\frac{1}{8}$ or $\frac{1}{4}$ hp available for DD9 models; $\frac{1}{10}$ hp for DD7 only. Lau Adjustable Motor-Mounting Bracket permits fitting of motors from many different motor manufacturers. Standard Blower Assembly consists of blower wheel, housing with cut-off, and motor. Motor assembled in mounting with Neoprene mounting cushions; standard resilient motor mountings available. LAU Econo-Pak Blowers cover most applications for residential air-moving equipment; effect savings up to 10 per cent by eliminating special blowers for each application; reduce blower inventories by simplified order procedures, quick handling of model changes, lower handling costs, up to 26½ per cent reduction in warehouse space. Three Basic Sizes each in 2 widths, with all features of Standard Series A Blowers. Package Includes blower wheel, housing with cut-off, housing supports, motor mount (not attached), all hardware. Exclusive Lau-Pak Bearings without oil cups require no lubrication. Adjustable Discharge, any one of 5 positions.

LAU Standard Blower Assemblies (Series A), heavy-gage steel housing assemblies, entire unit die-formed. Capacity range 350-22,000 cfm. Motor Mounting adjustable for any motor location. Housing Base heavy 16-gage steel, rigid. Discharge Outlet improved design, construction. Belt special composition for blower operation. Shafting 2-stage centerless ground, burnished. Bearing Bracket 3-point suspension; same bracket used for all discharge angles. Lausteel Pulleys employed; V.S. motor pulley allows speed variations up to 30 per cent. Center Suspended Wheel. Embossing of Scroll Sides reinforces venturi inlet and discharge. Bearings highest grade self-aligning porous bronze sleeve type. Plastic Thrust Washer absorbs shocks.

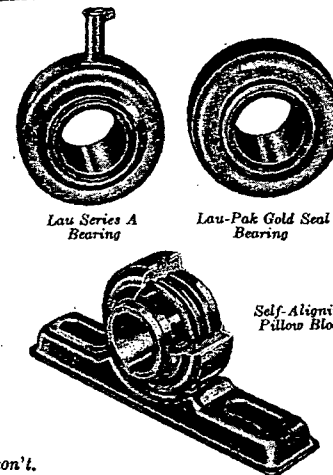
LAU Spun Wheels, Center Suspended Riveted Wheels, S.I. and D.I. Weld Wheels, a complete wheel line. Spun Wheels center disc construction; baked enamel, Ruspruf, or hot-dip galvanized

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Lau Series A
Bearing

Lau-Pak Gold Seal
Bearing

Self-Aligning
Pillow Block

LAU Series A and Lau-Pak Gold Seal Bearings are noted for their high performance and longer life. Series A is a self-aligning, self-oiling bronze bearing held in housing under uniform spring pressure; bore sizes $\frac{1}{8}$, $\frac{3}{4}$, 1 and $1\frac{1}{8}$ in. Lau-Pak Gold Seal Bearings require no additional lubrication; ample supply of plastic petroleum is sealed in housing; bore sizes $\frac{1}{8}$, $\frac{3}{4}$, 1, and $1\frac{1}{8}$ in.

LAU Self-Aligning Pillow Blocks are low-cost, light-weight, oil-tight steel housings with porous bronze bearings. Hold much more oil than cast iron types. Durex bushing feeds oil to shaft by capillary action. Spring keeps spherical surface of bearing and ring in close contact. Long bolt slots permit interchanging with other makes of pillow blocks. Bore sizes available are $\frac{1}{8}$, $\frac{3}{4}$, $1\frac{1}{8}$, 1, and $1\frac{1}{2}$ in.

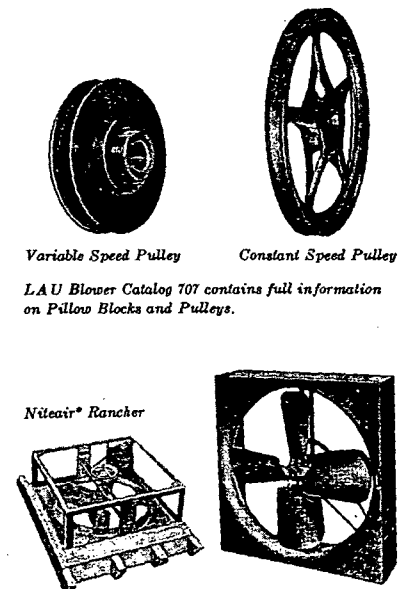
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finish; standard steel or Power Lock hubs. Center Suspended Wheels, blades double-riveted to end rings, arc welded to center disc, diameters 18 in.-30 in.; standard steel or Power Lock hubs. S.I. and D.I. Weld Wheels, individual blades of correct length, width, pitch; baked enamel, Ruspruf, or plated; diameters $4\frac{1}{2}$ in.-9 in.; widths $2\frac{1}{4}$ in.-9 in.

Lausteel Variable and Constant Speed Pulleys are in balance and true-running. Lausteel Variable Speed Pulleys available in three standard bores: $\frac{1}{8}$, $\frac{5}{8}$, and $\frac{3}{4}$ in. Diameter $3\frac{1}{4}$ in. OD. Allow speed variations up to 30 per cent for many drive combinations. Lausteel Constant Speed Pulleys available in diameters of 6 in. to 10 in., inclusive. Suitable for both "A" and "O" section belts. Lau also offers cast iron pulleys in diameters of 11 in. to 14 in.

LAU Niteair® Exhaust Fans for residential, commercial, and industrial use. Niteair® Rancher, for homes with low-pitched roofs, pulls air up through ceiling opening; four sizes: 24-30-36-42 in. Niteair® Panel Unit in standard and heavy-duty models, with four blades properly pitched for greatest air movement; five sizes: 24-30-36-42-48 in. All Lau Fans carry PFMA Certified Ratings and UL Approval; also regular manufacturer's warranty.

* T. M. Reg. U. S. Pat. Off.



Variable Speed Pulley

Constant Speed Pulley

LAU Blower Catalog 707 contains full information
on Pillow Blocks and Pulleys.

Niteair® Rancher

Niteair® Panel Unit

LAU Fan Catalog 808 gives you complete details.
Write for it.

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