

Hartzell Propeller Fan Co.

DIV. OF CASTLE HILLS CORP.

Piqua, Ohio

Sales-Engineering Offices in Principal Cities

Manufacturers of Propeller-Type Fans and Blowers For Every Industrial Use

SINGLE PROPELLER FANS



Sizes, 12 to 144 in.; free air deliveries 590 to 270,000 cfm. NEW curved orifice overlaps propeller tips, forming Hartzell Airseal (patented), giving extra air delivery, minimum turbulence. Send for Bulletin 1101.

MULTIBLADE FANS



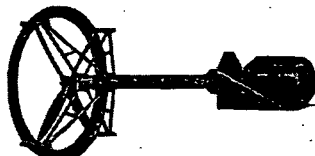
Sizes, 12 to 144 in.; free deliveries 1,200 to 280,000 cfm. (Up to 200,000 cfm against 1.00 in. static pressure). Long life, low upkeep. NEW curved orifice and patented Hartzell Airseal. Send for Bulletin 1101.

BELT-DRIVE FANS



Sizes, 12 to 144 in.; air deliveries 590 to 280,000 cfm. Available in one-propeller, two-propeller and multiblade styles. For use in fire-hazardous locations such as paint spray booths. Grease-sealed, dust free ball bearings. Send for Bulletin 1401.

EXTENSION SHAFT FANS



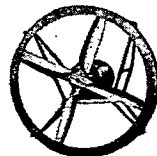
Sizes, 12 to 55 in.; types, one-propeller, two-propeller and multiblade. Designed for use in ducts through which corrosive elements, excessive heat or abrasive dust passes. Send for Bulletin 1401.

SPECIAL EQUIPMENT

There is a Hartzell fan or blower to meet your needs or we will design and build one for you. Write. All Hartzell air deliveries are in accordance with the Standard Test Code for Centrifugal and Axial Fans.

TWO-PROPELLER FANS

Sizes, 16 to 144 in.; free air deliveries 2,400 to 275,000 cfm. (Up to 200,000 cfm against 0.34 in. static pressure) NEW curved orifice and patented Hartzell Airseal mean maximum air. Send for Bulletin 1101.



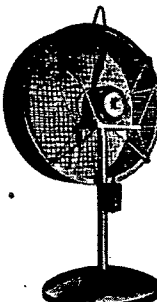
BLOWERS

Sizes, 18 to 48 in.; free air deliveries 3,300 to 50,500 cfm. (Up to 32,200 cfm against 2 in. static pressure). Built in both belt drive (shown) and direct drive models. Easy installation. Send for Bulletin 1601.



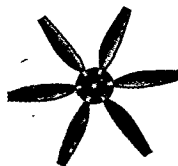
COOL BLAST FANS

Models: Portable, Stationary and Heavy Duty Cool Blast Fans (stationary shown), sizes 24 to 55 in., for large-volume air movement; Industrial Stand Model, up to 36 in. size, with substantial but light-weight high stand; Utility, up to 36 in. size, extremely versatile, with simple, close-to-the-ground mounting. Send for Bulletin 1201.



COOLING TOWER FANS

Sizes, 3 to 16 ft; four and six blades, adjustable pitch. 10 to 16 ft sizes are special Hartzite plastic, steel hub. Smaller sizes are aluminum alloy. Send for Bulletin 1501.



The Lau Blower Company

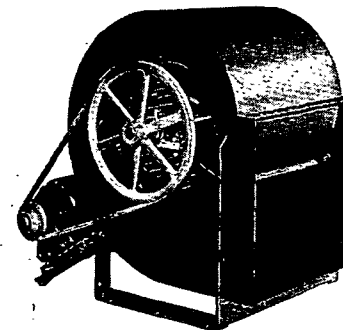
2007 Home Avenue, Dayton 7, Ohio

Engineers and fabricators of general Air Handling Equipment
Single Inlet and Double Inlet Blowers • Propeller Fans • Accessories

THE WORLD'S LARGEST MANUFACTURER OF FURNACE BLOWERS

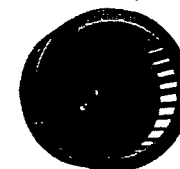
Blower Assemblies

For easy adaptation to modern installation problems wherever it is necessary or desirable to move air—Lau Blower assemblies offer efficient air delivery with low power consumption. Developed through years of experience and in accordance with approved principles of fan design. Double or single inlet. Top, side, or rear motor mountings. Dynamically balanced wheels. Self-aligning bearings. Widest range available. Greatest selectivity of air delivery. Every size tested and rated for performance in accordance with A.S.H.V.E. and N.A.F.M. Codes.



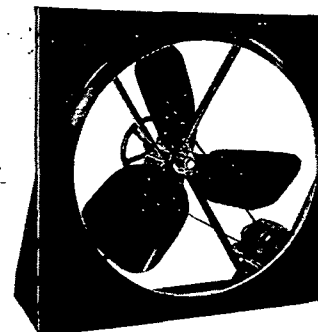
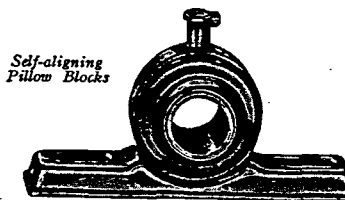
Blower Wheels

Lau can supply both single and double inlet blower wheels in wide range of diameters and lengths. Also for both clockwise and counter-clockwise rotation. Back plate (or center disk) die-formed for greater strength. Blades are precision cut and formed for maximum air contact. Wheels deliver highest rated performance for space required. Dynamically balanced. Operate quietly and economically.



Propeller Fans

For providing fresh air in confined enclosures; removing stale, excessively hot, or dust-laden air, fumes, smoke, etc. Three broad, deep-pitched blades provide maximum volume air with minimum power consumption. Venturi-type entrance housing reduces air "drag" and turbulence—eliminates most common cause of "air noise." Five sizes.

Self-aligning
Pulley Blocks

Constant Speed and Variable Speed Pulleys



Catalogs, performance data, specifications, and prices available on request on above and other air handling equipment. Inquiries solicited for any application. Our engineers will gladly assist you. Write us regarding your requirements.