

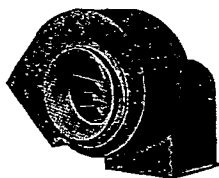
CHAMPION BLOWER & FORGE CO.

LANCASTER, PA.

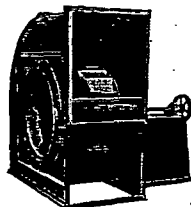
Address Correspondence to Div. 9

Manufacturers of Blowers, Ventilating Fans and Exhaust Fans for handling air, material and fumes

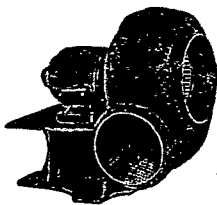
Representatives in Principal Cities



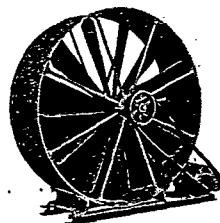
Champion Type D vent sets for general ventilation of all types equipped with backward curved non-overloading wheels up to 30 in. diameter, furnished complete with electric motor, adjustable drive and weather proof covers if required.



Champion Forward and Backward Curve Ventilating Fans and Exhaust Blowers manufactured in sizes up to 60 in. diameter. Fans also furnished in all standard arrangements with Ball, Babitted or Water Cooled Bearings as required.



Champion Cast Iron Housed Fans of various types for fume hood exhaust and for handling corrosive gases. Can be equipped with either plain steel or non-ferrous blast wheels, interior of housing and wheel can be covered with special corrosive resisting coating.



Champion Ventilating Fan for moving large volumes of air in either direction by reversing the rotation of the fan wheel. Develops pressures over 1½ in. w.g. Built in sizes from 18 in. to 84 in. diameter. Equipped with double Ball Bearings.



CHICAGO BLOWER CORP.

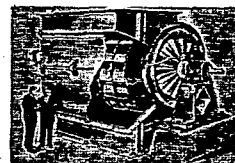
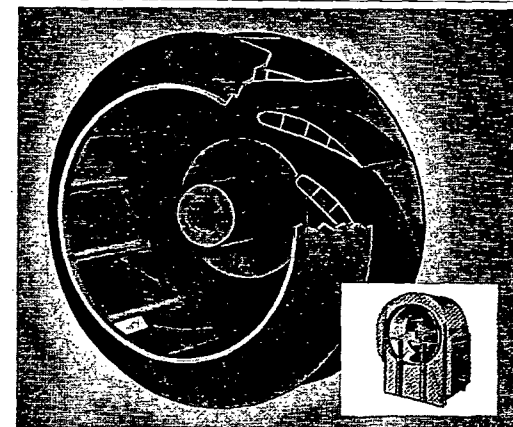
9871 Pacific Avenue, Franklin Park, Illinois
Blowers, Fans and Exhausters for Every Air Movement Requirement

AIRFOIL BLADED CENTRIFUGAL FANS

for heating, ventilating, air conditioning systems

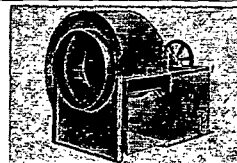
Aerodynamically-shaped blades move more air with less turbulence, thereby achieving higher efficiencies with reductions in noise and current consumption. efficiencies up to 92 percent noise reduction up to 40 percent horsepower savings up to 20 percent Capacities: 440 to 561,680 cfm up to 32 in. S.P. Sizes: 12½ to 80½. Class I to V arrangements for heavy and standard service. Direct or belt drive. Single or double inlets and widths. Adjustable and fixed housings for all discharge positions. Specified since 1951 for:

- high pressure and conventional ventilation.
- air supply and exhaust.
- industrial processing.
- mechanical draft.



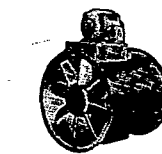
AIRFOIL MECHANICAL DRAFT

for power stations, heavy industry All performance advantages of Airfoil Fan. Capacities: up to 1,097,940 cfm for temperatures to 900°F. ¼ to 32 in. S.P. Sizes: 24½ to 80½. Single or double width with or without inlet boxes. Welded heavy steel construction.



MD FANS

for ventilating industrial, commercial, public buildings Large volume and low pressure types housed in cast iron or heavy steel. Welded backward or forward curved wheels. Capacities: 300 to 17,000 cfm up to 1½ in. S.P. Sizes: 62 to 300. Belt or direct drive, adjustable discharge.



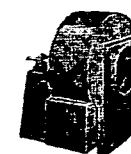
AXIAL AIRFOIL FANS

for exhausting fumes, hot gases; ventilation Welded airfoil type blades provide higher pressure characteristics, less noise and greater strength. Capacities: 1100 to 105,000 cfm up to 5 in. S.P. Sizes: 12 to 72. Orifice ring, duct, cradle, pedestal.



TURBO PRESSURE BLOWERS

for combustion, air, forging, pneumatic systems Supplies steady, high speed air pressure or suction. Capacities: 125 to 8250 cfm at pressures from 4 to 28 or up to 750" F. Universal discharge adjustments. Direct or belt drive.



STEEL PLATE EXHAUSTERS

for material and dust handling Separate wheels handle wood shavings, grinding dust, paper, fibrous and heavy materials. Capacities: 200 to 50,000 cfm up to 15 in. S.P. for temperatures to 1200° F. Sizes: 15 to 100. Arrangements for belt and direct drive. Adjustable.



POWER ROOF VENTILATORS

for industrial, commercial ventilation Packaged high velocity type. Welded axial airfoil wheel. Automatic butterfly damper—has emergency opener. Capacities: 6640 to 53,700 cfm up to ¼ in. S.P. Sizes: 24 to 60. Steel, aluminum or stainless housings—flat or pitched bases. Weatherproof motor. Others on request.

Technical Data Bulletins Available Upon Request