

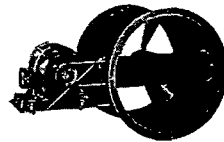
PROPELLAIR Inc.

1944 CLARK BLVD.
SPRINGFIELD, OHIO

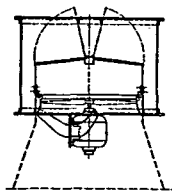
VENTILATING SPECIALISTS IN ALL PRINCIPAL CITIES



AXIAL-FLOW,
AIRFOIL
PROPELLERS

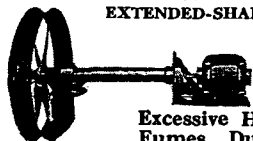


Designed by Propellair to deliver maximum air with minimum horsepower. Air flow is even over all of blade—the whole fan works, not just the tips! Non-overloading—from free air to block-off, horsepower is virtually constant as long as motor speed is constant. Number of blades, angle and shape, depend on use.



PROPELLAIR
VERTI-STACK
For Roof Ventilation

A fool-proof, automatic ventilator installed easily on roof. Butterfly dampers, within wind guard, offer virtually zero resistance. High velocity, vertical discharge throws heat and fumes far above the roof and prevents rain from entering when the fan is in operation. Dampers close gently and positively when fan coasts to a stop. 12 to 60 in. diameters, with capacities from 2100 to 68,000 cfm.



PROPELLAIR
EXTENDED-SHAFT FANS

For Handling Excessive Heat, Moisture, Fumes, Dust and Gases
Type "CE" extended-shaft fans for severe conditions involving excessive heat, moisture, harmful fumes, explosive gases, etc.—where a motor should not operate within air stream. Drive shaft housed and sealed within steel tubing. Special formed-steel ring and support assembly. Fan sizes 12 to 60 in., capacities 2000 to 68,000 cfm.

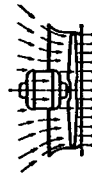
PROPELLAIR DRUM-TYPE

Belt-Drive Fans for Heat, Acids, Alkalis, Fumes, Gases or Dust

"CS" and "CSV" drum-type, belt-drive fans for severe, heavy-duty jobs involving elements listed for "CE" type. Sturdy, welded drum construction. Motor completely isolated from fan, driving belt protected in steel tube. 20 to 48 in. duct sizes, capacities 2400 to 43,000 cfm.

CURVED ENTRANCE RING An Important Propellair Feature

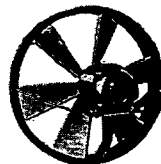
In addition to serving as a sturdy support assembly, it reduces tip loss and enables Propellair Fans to deliver maximum air per horsepower. Introduced in 1930 as a result of exhaustive experiments and tests by Propellair engineers, this design makes possible the utilization of the "Airfoil" air-movement principle in the entrance ring as well as in the propeller.



PROPELLAIR DIRECT-CONNECTED FANS

For Duct, Wall or Hood Installation

Type "CD" direct-connected fans for wide range of jobs, from free air conditions such as window or panel mountings, to installation in roof ventilators, hoods, or duct work involving medium to relatively high resistance. Successful wherever a motor can operate directly within air stream. Sizes 12 to 60 in., capacities 800 to 85,000 cfm.



B. F. STURTEVANT COMPANY

Air Conditioning, Heating, Ventilating, Dust Control and Fume Removal Equipment, Vacuum Cleaners, Dryers, Compressors, Motors, Turbines, Mechanical Draft Equipment

Main Office and Works

Hyde Park, Boston, Mass.

Sales Engineering Offices

AKRON, OHIO
ALBANY, N. Y.
ATLANTA, GA.
BALTIMORE, MD.
BOSTON, MASS.
BUFFALO, N. Y.
CAMDEN, N. J.
CHICAGO, ILL.
CINCINNATI, OHIO
CLEVELAND, OHIO
COLUMBUS, OHIO

DENVER, COLO.
DES MOINES, IOWA
DETROIT, MICH.
EL PASO, TEXAS
GREENSBORO, N. C.
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ST. LOUIS, MO.
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SAN FRANCISCO, CALIF.
SEATTLE, WASH.
SPOKANE, WASH.
SPRINGFIELD, MASS.
STRACUSE, N. Y.
TAMPA, FLA.
TOLEDO, OHIO
WASHINGTON, D. C.

PLANTS: Located at HYDE PARK, BOSTON, MASS.; LASALLE, ILL.; CAMDEN, N. J.; BERKELEY, CALIF.; and GALT, ONT.

B. F. STURTEVANT COMPANY OF CANADA, LTD., GALT, ONT.; Sales Offices in Toronto and Montreal, and representatives in principal Canadian cities.

COOLING & AIR CONDITIONING DIV. of B. F. Sturtevant Co. is Organized to Engineer and Install Complete Industrial Air Conditioning Systems.

OFFICES: Atlanta, Ga.; Hyde Park, Boston, Mass.; Camden, N. J.; Cleveland, Ohio; Greensboro, N. C.; Los Angeles, Calif.; New York, N. Y.

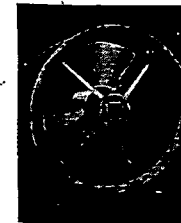
HOW STURTEVANT ENGINEERING SERVICE CAN HELP YOU

As the world's largest concern engaged in the manufacture of Air Handling Equipment, backed by more than 80 years' experience, B. F. STURTEVANT COMPANY is exceptionally qualified to help you attain the most efficient and economical solution of any air handling problem. Skilled Sturtevant engineering experts, located in many leading cities are prepared to render the following 5-point service: (1) Analyze your problem. (2) Recommend the solution. (3) Specify the equipment. (4) Supervise the installation. (5) Check the operation.

Whether requirements call for a single unit of apparatus or a complete engineered system, Sturtevant engineers can recommend the solution best suited to fulfill your individual needs. Do not hesitate to call the Sturtevant representative nearest you for assistance. Needless to say, no obligation is incurred.

As a preliminary aid, we list on the following two pages the major types of equipment manufactured by us, together with their general applications and the reference numbers of catalogs available.

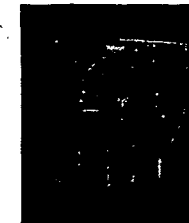
ILLUSTRATIONS OF SOME OF THE MAJOR LINES OF STURTEVANT EQUIPMENT



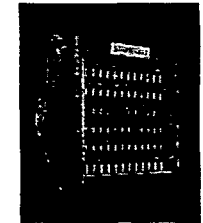
Axiflo Fan (85)



Propeller Fan
Design 7 (29)



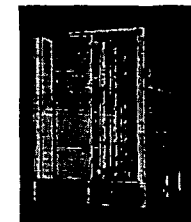
Multifane Fan
Design 6 (30)



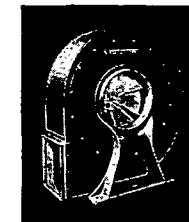
Speed Heater (40)



Centrifugal Compressor
Design 14 (14)



Filterwasher Showing
Filter Spray Nozzles (6)



Planovane Fan
Design 3 (32)



Centrifugal Compressor
Design 9 (12)

STURTEVANT EQUIPMENT INDEX AND OTHER ILLUSTRATIONS ON NEXT PAGE