

Bayley Blower Company

1817 S. Sixth Street Branches in Principal Cities Milwaukee, Wis.

Builders of Heating, Ventilating, Cooling, Purifying, Humidifying and Air Washing Equipment; Exhaust and Drying Apparatus, Mechanical Draft and Blast, Fans and Blowers of all Types

Bayley Plexiform Fan:

Is a multi-blade fan for supplying air for heating and ventilating systems, manufacturing processes, drying systems, forced and induced draft systems. It is suitable for handling high or low temperature gases at medium or low pressure. Will deliver maximum quantities requiring minimum space with great economy.

This is a distinct Bayley product, high class material and workmanship, properly designed to avoid excessive vibration and overstressing of parts. Inlets and outlets are properly sized for maximum delivery and maximum efficiency. Fans are furnished in single or double width of any required arrangement and with sleeve or anti-friction bearings.

Aeroplex Fan:

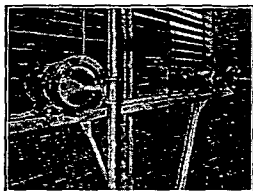
Is of high speed design with self limiting power characteristics. Application parallel to the Plexiform Fan. Highly efficient and quiet in operation.

Bayley Exhausters and Pressure Blowers:

Type "B" exhaust fan is for heavy duty, handling refuse from industrial and textile plants. Type "SE" is used in handling smoke, fumes and dust-laden gases. Type "H" for high-pressure work. These units are highly efficient and of high class design and workmanship.

Bayley Turbo Air Washers, Humidifiers and De-Humidifiers:

The Turbo Atomizer used in the Bayley Washer produces a steady, fine spray. Water at low pressure is delivered to the center of a rapidly revolving cone-shaped rotor provided with atomizing pins set in its periphery. This



The Bayley Turbo Air Washer Showing Turbo Atomizer and Eliminator

atomizer requires very little attention, and will operate successfully under low water pressure. The orifices are large and this atomizer, unlike high pressure nozzles, cannot clog.

Bayley Chinook Heating Sections:

The Chinook section is used with blast heating, ventilating and drying systems, and is suitable for high or low pressure steam circulation. The base is divided into two chambers. Steam enters (see cut) the lower chamber, rising through $\frac{3}{8}$ -in. pipes located within the $1\frac{1}{4}$ -in. pipes leading from the upper chamber. Condensation takes place in the larger pipes, the water falling into the upper chamber and draining away through the return outlet. The Chinook can be repaired in the middle of the bank without breaking steam connections or taking down a section.

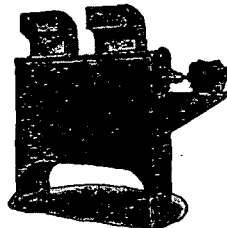
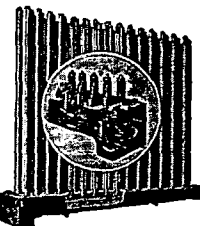
Shipped assembled in smaller sizes, and knocked down in the larger units. May be installed in horizontal or vertical position.

Bayley Chinookfin Heating Sections:

Are the same design as the Chinook Heaters, using heavy gauge copper fin tubes. As compared with Chinook it is much lighter and occupies less space.

Bayley Plexfin Unit Heaters:

This unit incorporates Chinookfin radiation and Plexiform or Aeroplex fans. The fan assembly including top plate and motor is removable as a unit for maintenance and inspection. The heating element is a removable unit. Casing all welded extra heavy gauge. This is an exceptionally high grade unit at a moderate price.



Buffalo Forge Company

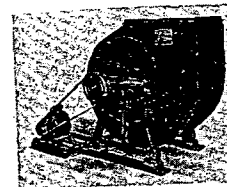
450 Broadway, Buffalo, N. Y.

Branch Offices

ALBANY, N. Y.	1305 Standard Bldg.	KNOXVILLE, TENN.—C. F. Section	702 Empire Bldg.
ATLANTA, GA.	305 Techwood Drive	LOS ANGELES, CALIF.	708 Pershing Square Bldg.
BALTIMORE, MD.	508 St. Paul St.	MIAMI, FLA.—Southern Air Conditioning Corp.	149 N. E. 20th Terrace
BOSTON, MASS.—Melrose Sta.	486 Main St.	MINNEAPOLIS, MINN.	2102 Foshay Tower
CHICAGO, ILL.	20 North Wacker Drive	NASHVILLE, TENN.—Southern Sales Co.	117 Fifth Ave., North
CINCINNATI, OHIO	626 Broadway	NEWARK, N. J.	27 Washington St., Room 203
CLEVELAND, OHIO	418 Rockefeller Bldg.	NEW ORLEANS, LA.—Devlin Bros.	1003 Maritime Bldg.
DALLAS, TEXAS	1801 Tower Petroleum Bldg.	NEW YORK, N. Y.	39 Cortlandt Bldg., Room 1110
DAVENPORT, IOWA—D. C. Murphy Co.	305 Security Bldg.	PHILADELPHIA, PA.	703 Cunard Bldg.
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Des Moines, IOWA—D. C. Murphy Co.	214 Old Colony Bldg.	RICHMOND, VA.—Williamson & Wilmer, Inc.	Mutual Bldg.
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GREENVILLE, S. C.	21 Blue Bldg.	ST. LOUIS, MO.	1598 Arcade Bldg.
HOUSTON, TEXAS	505 Rusk Bldg.	SEATTLE, WASH.	500 First Ave., South
KANSAS CITY, MO.	424 Dwight Bldg.	TOLEDO, OHIO	1922 Linwood Ave.
KITCHENER, ONT., CANADA—Canadian Blower & Forge Co., Ltd.		WASHINGTON, D. C.—640 Woodward Bldg.	15th and H Sta., N. W.

PRODUCTS: Heating and Ventilating Equipment including: Unit Heaters, Multiblade Fans, Pipe Coil Heaters, Buffalo Air Washers, Buffalo Unit Air Washers, Buffalo Unit Coolers, Drying Equipment, Mechanical Draft Fans, Air Preheaters, Exhaust Fans, Blowers, Dust Collectors, Disc Fans, Spray Nozzles.

Buffalo Limit Load Fans



These fans are proving increasingly popular in the industrial field because of: 1. High efficiency. 2. Durable construction. 3. Non-overloading characteristic which means that no matter how much the fan load varies the motor will not overload and burn out. Fans are available with Buffalo Silent Floating Bases assuring extremely quiet operation.

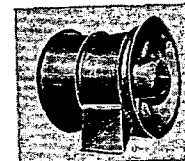
acteristic which means that no matter how much the fan load varies the motor will not overload and burn out. Fans are available with Buffalo Silent Floating Bases assuring extremely quiet operation.

Breezo Ventilating Fans

Use these efficient inexpensive fans wherever they may be installed to exhaust into the open air. Sizes from 8 in. to 36 in. in diameter. Prompt shipments from stock.

Buf-flow Axial Flow Fans

The design of this high pressure "Buf-flow" fan—with special directional guide vanes—propels the air stream in a true axial direction. No wasted energy—hence greater efficiency and marked power savings. What's more, this fan cannot overload and burn out motor.

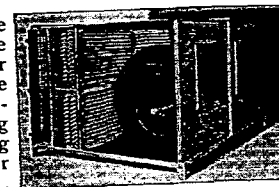


Fans for Every Ventilating Need

For over 60 years we have specialized in designing and building fans for every conceivable use. Write for our fan catalogs.

Buffalo Comfort Conditioning Cabinets

Available for simple cooling, for complete air-conditioning including winter heating. Neat, compact units that are easy to install and easy to service. Cooling capacities—3 tons up.

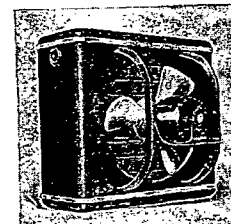


Buffalo Air Washers

For air washers whose design and performance has stood the test of time it will pay you to specify "Buffalo." Bulletin 3142-A gives you complete details.

Buffalo Unit Heaters

Buffalo Unit Heaters are built in a wide range of sizes and types for the efficient and economical handling of any heating problem. Operate with either low or high pressure steam.



Breezo-Fin Steam Unit