

Bayley Blower Company

1817 S. Sixty-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 "EX" 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



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.

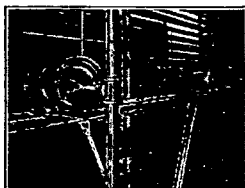
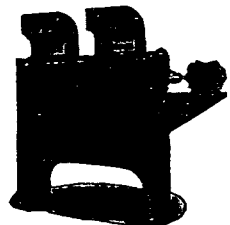
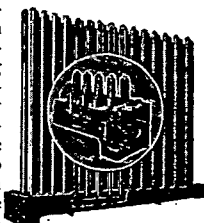
Shipped assembled in smaller sizes, and knocked down in the larger units. May be installed in horizontal or vertical position.

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.



The Bayley Turbo Air Washer Showing Turbo Atomizer and Eliminator

Buffalo Forge Company

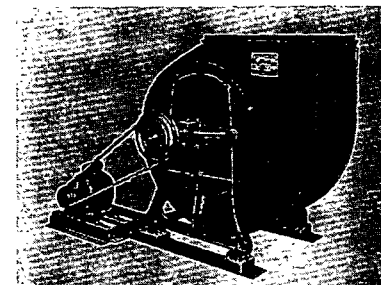
450 Broadway, Buffalo, N. Y.

Sales Representatives

ALBANY 7, N. Y.—R. B. Taylor.....1303 Standard Bldg.	MIAMI 37, FLA.—Southern Air Conditioning Co., 149 N. E. 20th Terrace
ATLANTA, GA.—J. J. O'Shea.....305 Teckwood Drive	MINNEAPOLIS 12, MINN.—E. F. Bell.....2102 Foshay Tower
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CHICAGO 6, ILL.—Emmert & Trumbo.....20 N. Wacker Drive	NEWARK 2, N. J.—G. C. Norman.....27 Washington St.
CINCINNATI 2, OHIO—F. W. Twombly.....626 Broadway	OMAHA, NEBRASKA—Russell Harris.....660 North 59th St.
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DENVER 17, COLO.—Hendrie & Bolthoff Mfg. & Supply Co., Box 5110, Terminal Annex	SAN FRANCISCO 9, CALIF.—Moore-Machinery Company, 1699 Van Ness Ave.
DETROIT 16, MICH.—Coon-DeVisser Co., 2051 W. Lafayette Blvd.	SEATTLE 4, WASH.—Heating & Ventilating Equip. Corp., 500 First Ave., So.
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LOS ANGELES 13, CALIF.—Frank Halladay, 708 Pershing Sq. Bldg.	WILKES-BARRE, PA.—Power Engineering Co., Brooks Bldg.

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.

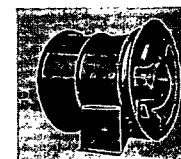
Buffalo Limit-Load Fans



Buffalo Limit-Load Fans for ventilating embody several improvements to deliver stepped-up efficiency under practical conditions. Durable built for years of service. Dynamically balanced. Quiet, economical to operate. Non-overloading characteristic prevents motor from overloading and burning out, regardless of fan load.

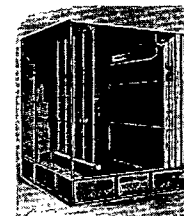
Buf-flow Axial Flow Fans

This specially designed high pressure fan—with directional guide vanes—propels the air stream in a true axial direction. Energy losses, are reduced to a minimum with a resulting increase in fan efficiency and marked power savings. What's more, this fan cannot overload and burn out the motor.

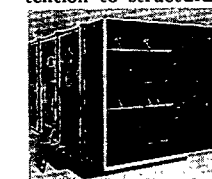


Buffalo Air Washers

Buffalo Air Washers and Humidifiers are built for the most efficient washing, purifying and tempering of air under varying atmospheric conditions. Designed and constructed for low cost installation and maintenance. Careful attention to structural details insures long service-ability with a minimum of attention. Several types and models to meet specific plant requirements.



Type "A" Washer



Wet Filter Washer

Fans for Every Ventilating Need

Buffalo Fans represent over 60 years of specialization in the design and construction of fans for practically every ventilating and air-handling application from small kitchen fans to rugged fans for boiler draft. Complete information on request.

Buffalo Unit Heaters

"Breeze-fin" Unit Heaters are suspended type fin-coil units available in complete range of sizes. "Highboy" and "Lowboy" Units for floor, wall or ceiling installation are large capacity units having housed fans to distribute heated air.