

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:

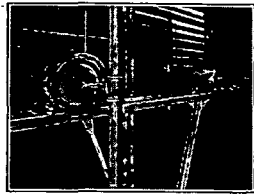
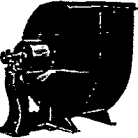
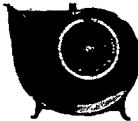
Is of high speed design with self limiting power characteristics. Application parallel to the Plexiform Fan. Highly efficient and quiet in operation.

Bayley Exhausters and Pressure Blowers:

Type "B" exhaust fan is for heavy duty, handling refuse from industrial and textile plants. Type "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 $\frac{3}{4}$ -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.

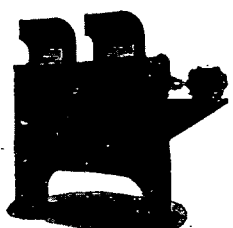
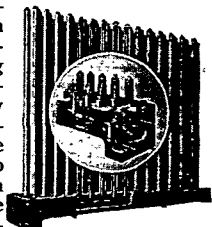
Shipped assembled in smaller sizes, and knocked down in the larger units. May be installed in horizontal or vertical position.

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

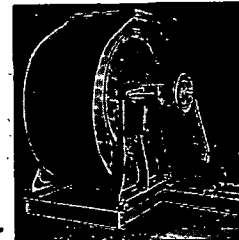
ALBANY.....	611 Standard Bldg.	KITCHENER, ONT.....	Canadian Blower & Forge Co., Ltd.
ATLANTA.....	724 First National Bank Bldg.	KNOXVILLE—C. F. Sexton.....	315 Empire Bldg.
BOSTON.....	486 Main St., Melrose Sta.	LOS ANGELES.....	708 Pershing Square Bldg.
CHARLOTTE—J. W. Fraser & Co.....	124 Brevard Court	MINNEAPOLIS.....	619 Foshay Tower
CHICAGO.....	20 N. Wacker Drive	NEW ORLEANS—Devlin Bros.....	1003 Maritime Bldg.
CINCINNATI.....	622 Broadway	NEW YORK.....	39 Cortlandt St.
CLEVELAND.....	418 Rockefeller Bldg.	PHILADELPHIA.....	220 S. Sixteenth St.
DALLAS.....	315 South Harwood	PITTSBURGH.....	431 Fulton Bldg.
DAVENPORT.....	305 Security Bldg.	SAN FRANCISCO—Moore Machinery Co.....	350 Fifth St.
DENVER—Hendrie & Bolthoff Mfg. & Sup. Co.,	1635 Seventeenth St.	ST. LOUIS.....	1596 Arcade Bldg.
DES MOINES.....	214 Old Colony Bldg.	SALT LAKE CITY.....	Salt Lake Hdqrs. Co.
DETROIT—Coon DeVisser Co.....	2051 W. Lafayette Blvd.	SEATTLE.....	500 First Ave., S.
GREENVILLE—George R. Morgan.....	316 Walker Bldg.	TOLEDO.....	1922 Linwood Ave.
KANSAS CITY.....	315 Dwight Bldg.	TUCSON, ARIZ.....	Tidmarsh Engrg. Co.
		WASHINGTON, D. C.....	820 Woodward 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 Ventilating Fans

No matter what type of fan your work calls for, there is a Buffalo Fan of that type, of the right size; quiet, efficient, practical. Write for our fan catalogs.

"Limit-Load" Conoidal Fans with Silent Floating Bases



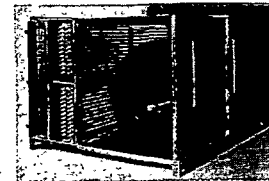
The Buffalo "Limit-Load," high-efficiency, non-overloading ventilating fan mounted on the silent, insulated floating fan base eliminates all motor and fan vibration,

making an almost noiseless installation.

Breezo Ventilating Fans

Breezo fans provide efficient, inexpensive ventilation on any job where they may be used to exhaust into the open. Made in sizes from 8 in. to 36 in. diameter.

Buffalo Comfort Conditioning Cabinets



for cooling and heating. Heating coils are two-row copper fin type capable of heating from 70°F to 135°F with 2 lb steam. Cooling capacities—from 3 tons up.

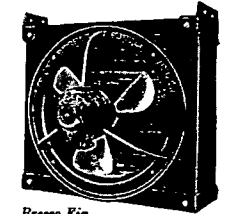
Buffalo Air Washers

Buffalo Air Washers are in use in thousands of buildings, many for more than thirty years. Bulletin 480 gives details.

Buffalo Unit Heaters

Gas Units: Made in suspended and floor types. All models equipped with full automatic safety features. Provide clean, silent heat at moderate cost.

Steam Units: Both suspended and floor type units in a large range of capacities.



Breezo-Fin Steam Unit

Buffalo Unit Coolers

Suspended Type: Quiet unit coolers for use with cold water, brine, methyl chloride or Freon. Compact, simple, inexpensive.

Floor and Flat Suspended: Available for same kinds of refrigerants, but with larger capacities.

