

Bayley Blower Company

784 Greenbush 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:

Used to supply air for heating systems or heating and ventilating systems for manufacturing and process industries, for drying systems, or for forced or induced draft systems for boiler plants.

The Plexiform Fan is suitable for handling cool or warm air, as well as high or low temperature gases. It will deliver the maximum quantity of air in applications where medium or low pressure is required.

For applications where space is limited, or where economy of power is desirable, this fan is especially recommended.

The fan wheel, of distinct Bayley design, has great strength without excess weight. Due to its reinforced construction and equal distribution of stresses, vibration is reduced to a minimum. Crystallization of parts, so called, is thus avoided. Large and unobstructed inlets and outlets, and the absence of arbitrary air cut-offs, insure free and noiseless delivery of air.

Bayley Plexiform Fans are furnished in either single or double width wheel types of any required housing construction, and discharge positive sleeve or ball bearings as specified.

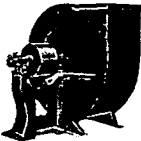


middle of the tank without breaking steam connections or taking down a single section.

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

BAYLEY TYPE EXHAUST FAN:

An exhaust unit for handling refuse from sawmills, planing mills, cotton gins, textile mills and wood working plants, designed for high efficiency at moderate speed. Its outstanding features are the blast wheel which is built up from an accurately machined and balanced center, insuring well balanced wheel and making replacement of accidentally broken blades a simple matter.



DISCFIN HEATERS:

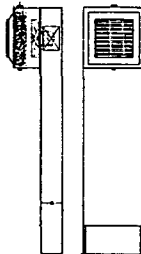
Discfin Heaters are constructed along the lines original with the Bayley Blower Company, as described under Chinook Heating Sections.

The Discfin unit illustrated is particularly adapted to use in offices and entrances to buildings, as well as the main portions of industrial plants. It may be connected to the outside air, and thus will ventilate as well as heat the space in which it is installed.

The heaters are sturdy, efficient, easily installed, and occupy no valuable floor or wall space. They require no special structure to carry them, and they may be attached to walls or columns, suspended from the floor above, or from the heating main, as circumstances will permit.

It is not necessary when this heater is used, to recirculate air at room temperature. Air directly from out of doors may be led to the unit, thus making it a ventilating as well as a heating unit. The entire unit is tested to a working pressure of 80 lb.

The Bayley Blower Company offer in addition to the Discfin described, larger sizes of industrial unit heaters. The well-known B.t.u. Heater is popular in railroad roundhouses and shops. The I.C.U. Heater is also an industrial unit of somewhat lighter construction, which is adapted to use in industrial buildings of all sorts.



Single Unit of the Supported Type with Air Connection from the Floor Line

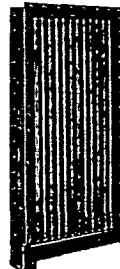
BAYLEY CHINOOKFIN HEATING SECTIONS:

The Chinookfin heater embodies the same successful principles of construction as the original Chinook, except that the radiating element is copper tubing, carrying extended copper-fin surfaces. The manner of attaching the fins so as to remain tight under all conditions and temperature changes is unique and very efficient.

Each pipe is separate, individual, and independent; expansion and contraction of any one pipe does not affect the others; no rigid connections, return bends, nipples, or elbows, to be racked out of shape by unequal expansion and contraction. This construction permits continuous and innumerable cycles of expansion and contraction without crystallization of materials and resulting damage.

The Bayley Chinookfin Heater is as safe for tempering coil service as for reheaters—a remarkable feature of this heater.

Write for Bulletin No. 29-C which describes it in detail.



The Buckeye Blower Company

Main Office and Factory

400 Dublin Avenue, Columbus, Ohio

Branch Sales and Service Offices

ATLANTA, GA.
BALTIMORE, MD.
BOSTON, MASS.
BUFFALO, N. Y.
CHICAGO, ILL.
CLEVELAND, OHIO

DALLAS, TEXAS
DENVER, COLO.
DETROIT, MICH.
GRAND RAPIDS, MICH.
HARRISBURG, PA.
HEMPSTEAD, N. Y.

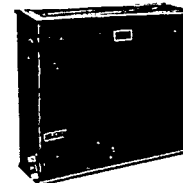
INDIANAPOLIS, IND.
KANSAS CITY, MO.
LOS ANGELES, CALIF.
MILWAUKEE, WIS.
MINNEAPOLIS, MINN.
NEWARK, N. J.

NEW YORK CITY
PHILADELPHIA, PA.
PITTSBURGH, PA.
PORTLAND, ORE.
RICHMOND, VA.
ST. JOSEPH, MO.

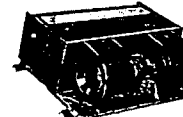
ST. LOUIS, MO.
SALT LAKE CITY, UTAH
SEATTLE, WASH.
SYRACUSE, N. Y.
YOUNGSTOWN, OHIO

IN CANADA: TORONTO, ONTARIO

Manufacturers of BUCKEYE Heating and Ventilating and Air Conditioning Apparatus



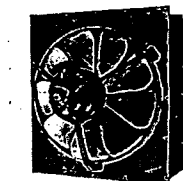
The Buckeye Heatovent has been developed for use in School Rooms and places where quiet running, temperature control, quick heating, and positive ventilation are requisites. This machine is equipped with the oval tube copper radiator which will not burst when frozen.



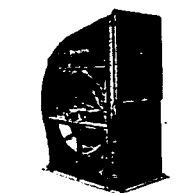
The Buckeye Thermovent has been developed for larger installations requiring from 2000 to 5000 c.f.m. as churches, auditoriums, garages. Horizontal type for ceiling hanging, vertical type for floor setting. Equipped with or without mixing dampers.



The Buckeye Giant Unit Heater was especially designed and developed for Airplane Hanger and large Industrial Building Heating. Capacities up to 20,000 c.f.m. and 2,000,000 B.t.u.



The Buckeye Thermofan is a propeller fan type of unit for smaller industrial work-rooms. Can be used for fresh air supply or recirculating jobs, equipped with or without ducts to floor.



Multiblade Fans for heating, ventilating, drying, dust removal and allied uses in all sizes up to 100,000 c.f.m. and up to 6 in. static pressure.

Ozonation and humidity treatment available for all unit applications. Engineering service available in all branch offices.