

"Stationary Discharge"
Unit Heater

WING FEATHERWEIGHT UNIT HEATERS

Floodlights of Heat for Economical Heating of Industrial and Commercial Buildings

Low heating cost and uniform diffusion of comfortable warmth are two features in which WING Floodlight Heating excels all other systems.

Located near the ceiling or roof, WING heaters prevent accumulation of hot air in the upper spaces with the accompanying costly waste of heat.

They project the air, comfortably warmed, to the working area where the heat spreads to every point. Vertical downward discharge from multiple outlets at proper velocity assures even distribution.

The lightness of WING units permits their suspension directly overhead in any location. Furthermore, one WING unit heater with multiple discharge takes the place of several one-direction heaters at less cost for units, piping, wiring and installation.

There is a type for every condition from low ceiling to installations as high as 55 ft. from the floor.

Type HC heaters should be used wherever roof or ceiling height permits. Type LC has the same capacity as Type HC and is designed for low buildings. *Bulletin H-8.*

Wing Featherfin Heater Sections

For heating or cooling air for any purpose by steam, hot water, cold water or refrigerant. Offer slight resistance to air flow.



Variable Temperature
Heating Section.

Variable Temperature Sections

Allow close control of the delivered air temperature without danger of freezing which is likely when control is accomplished by throttling of steam. Invaluable in supplying fresh air for space heating or in process work. *Bulletin HS-1.*

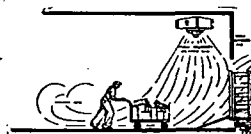


Detail of Wing Featherfin
Heating Element showing
Compression Union Tube
Connection

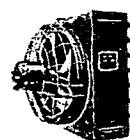
Wing Garage Heaters—For effective and economical heating of garages. Sometimes cut heating costs in half. *Bulletin G-1.*



Wing Door Heaters—For instantaneous heating inrush of cold air at large doorways of industrial buildings. *Bulletin D-1.*



Wing Utility Unit Heaters

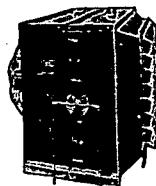


A lightweight suspended unit heater for delivering heated air in one general direction. Has the same powerful fan and rugged heating element as WING Featherweight Unit Heaters. This is the latest refinement of the original horizontal lightweight heater which was developed by WING. *Bulletin U-4C.*

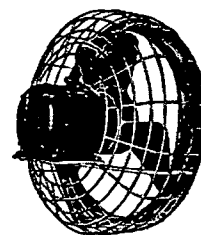
Wing Industrial Fog Eliminators

Eliminate fog, odor and fumes in dyeing, bleaching and finishing plants, creameries, pasteurizing, bottling, canning and packing plants, chemical works, paper mills, steel pickling plants, etc. No ducts are required.

Bulletin FE-12.



Wing-Scruplex Safety Ventilating Fans



A propeller type fan that will deliver air against static pressure, quietly and efficiently.

Moves the air forward in straight lines with minimum eddy. Capacities to 100,000 cfm. *Bulletin F-8.*

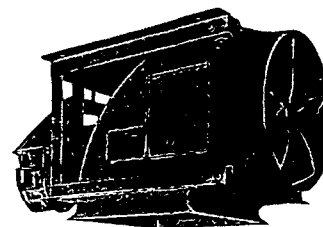
Wing Featherfin Process Heating Units

For manufacturing processes such as drying, aging, etc., requiring the recirculation of the heated air.



Motor or turbine located outside air current. *Bulletin P-2.*

Wing-Scruplex Exhausters



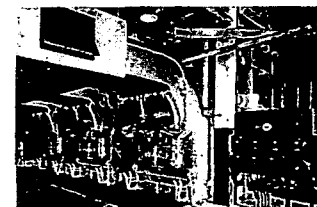
For economically moving air wherever ducts are used. It combines the efficient WING-Scruplex Propeller Fan with a housing which places the motor entirely outside the air duct. Motor and drive remain cool and clean and are easily accessible.

The powerful WING-Scruplex Fan delivers high air volume with low power consumption against any pressures for which duct systems should be designed. V-belt or direct drive.

Light, compact and easy to install. *Bulletin 78-A.*

WING System of Controlled Combustion

For low pressure heating boilers and small power boilers. Increases capacity and permits use of lowest cost fuel. Includes Type EM Blower equipped with fully enclosed dustproof motor with speed regulating rheostat and automatic control. Eliminates necessity of frequent firing, allowing intervals as great as 24 hours even in zero weather. *Bulletin M-86.*

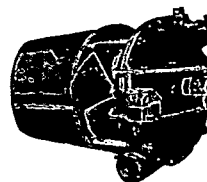


Installation of Wing System of Controlled
Combustion in a large school

Wing Turbine-Driven Blowers

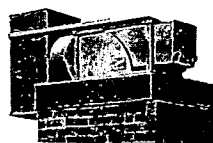
Applied to hand, stoker, oil or pulverized fuel fired boilers, increase boiler capacity, maintain constant steam pressure and

permit complete combustion of low-cost fuels. The exhaust steam, free from oil, can be used for heating or processes. *Bulletin T-97A.*



WING Draft Inducers

Installed in breeching or flue, or on chimney top; provide positive, exact draft regardless of weather conditions or inadequate chimney or breeching construction. Suitable for coal, oil, or gas-fired boilers; industrial furnaces and kilns. *Bulletin I-10.*

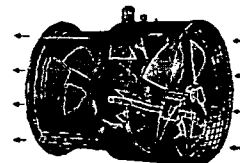


Chimney-Top Installation

WING Motor-Driven Blowers

Type COM for static pressures up to 10 in. W. G. and volumes up to 50,000 cfm. Type EMD for moderate static pressures up to 2½ in.

Both blowers have fully-enclosed dustproof constant speed motor and built-in adjustable control vanes. Type COM has double-staged axial flow fan; Type EMD, single stage fan. Extremely compact; discharge can be vertical, horizontal or inclined. *Bulletin CO-3.*



Type COM



Type EMD