



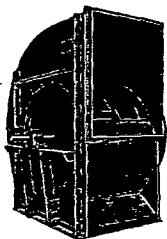
## CLARAGE FAN COMPANY

Kalamazoo, Michigan

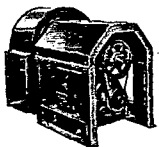
Air Handling and Conditioning Equipment  
Sales Engineering Offices in All Principal Cities



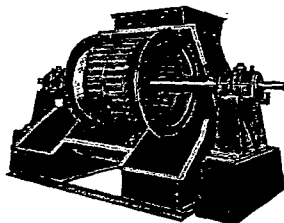
Since 1913 Clarage has been a leading manufacturer of air handling and conditioning equipment. By specializing—building a complete line of this equipment exclusively—Clarage has a concentrated "know how" that means important dividends to the user. (See "Air Conditioning—Central Systems" for other Clarage products.)



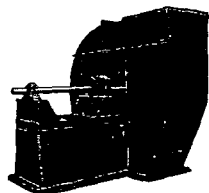
Clarage Fans for ventilating, air conditioning, and industrial applications—where clean air is handled at low pressures—are offered in many different designs, arrangements, and wheel types. Capacities range from 140 to 725,000 cfm.



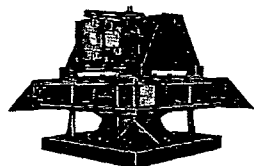
Clarage Ready Unit Ventilating Sets for smaller ventilating supply and exhaust jobs. Furnished complete, ready-to-run for both direct drive and V-belt drive. Capacities 150 to 25,000 cfm.



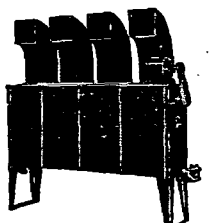
Clarage Mechanical Draft Fans. Forced draft and induced draft fans are available to meet virtually any capacity, pressure, and speed requirement. Unit shown has sections of housing and inlet boxes removed.



Clarage Fans for industrial air handling and material conveying are available in a wide range of types and sizes. This broad line includes cast iron fans, fans for pressures to 50 in. sp, and fans for temperatures to 1000 F.



Clarage Centrifugal Power Roof Ventilators (shown without cover) are V-belt driven. Capacities 1,500 to 26,500 cfm. Directdrives are direct drive units. Capacities 100 to 3,500 cfm. Propeller type also available.



Clarage Unit Heaters. Unitherm (shown) are equipped with centrifugal multiblade fans. Clarcos, for smaller space heating assignments, have propeller fans.

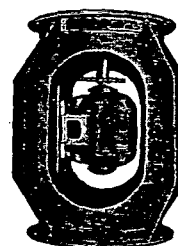
## DeBOTHEZAT® FANS DIVISION

American Machine and Metals, Inc. Main Office and Factory—East Moline, Illinois

Sales Engineering Offices in All Principal Cities  
Consult Your Telephone Directory Under "Fans" or "Ventilating Equipment"

### FOR FUME REMOVAL

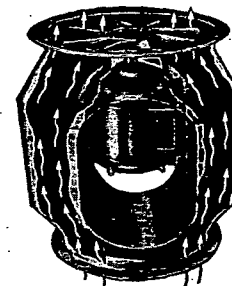
Bifurcator® Fans are specially designed for exhausting air that is abnormally hot, corrosive, flammable or explosive. Motor is mounted in separate chamber and destructive fumes are by-passed (bifurcated) around it. Installs as a part of the duct horizontally or vertically. Direct drive feature eliminates belts, reduces maintenance in unmanned applications. Fan wheels 12 in. through 48 in. in diameter, with capacities up to 54,000 cfm. Both housings and fan wheels available in special alloys and coatings for highly corrosive atmospheres. Write for Bulletin.



Induced Draft Bifurcator

Induced Draft Bifurcators provide controlled draft for boilers and furnaces, minimizing the need for large, costly stacks. Motor speed controllers located anywhere in the boiler room enable the operator to vary draft for optimum fuel combustion. Built with fan wheels 12 in. through 36 in. diameter for high pressure boilers delivering up to 60,000 pounds of steam per hour—low pressure boilers delivering up to 190,000 EDR. Write for Bulletin.

"Hy-V"® Air Jet® is used for air quenching and solving production cooling problems. Effective for reducing fatigue of workmen exposed to radiant heat from ovens, furnaces, forges or molten metal. Two styles—for stationary mounting or mounted on 2-wheel stand for easy mobility. Available with fan wheels 18 in. through 30 in. in diameter. Write for Bulletin. Additional bulletins are also offered on Axial-Flow Vent Sets and Panel Vent Sets.



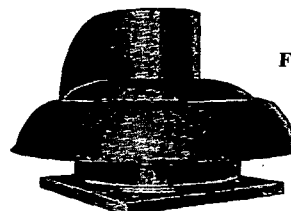
Bifurcator Fan



"Hy-V" Air Jet

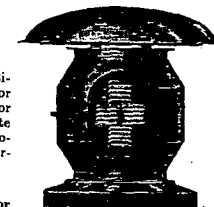
### FOR CONTROLLED VENTILATION

Centrifugal Roof Ventilators are low-contoured, distinctively profiled and operate at very low noise levels. They are highly efficient against static pressures. Their large unit exhaust capacity is accomplished at low fan tip speeds by a backwardly curved non-overloading fan wheel. Capacities up to 32,980 cfm. Write for Bulletin.

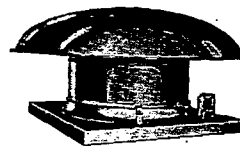


Centrifugal Roof Ventilator

Bifurcator Roof Ventilators are standard DeBothezat Bifurcators fitted with weather head and base for exterior mounting. They are designed for exhausting hot, corrosive or inflammable fumes. The motor is mounted in a separate through-ventilated chamber, open to the atmosphere but isolated from destructive fumes handled by the direct motor-driven fan. See information in Bifurcator Bulletin.



Bifurcator Roof Ventilator



Power-Flow Roof Ventilator

Power-Flow Roof Ventilators provide controlled ventilation at all times, regardless of weather. This unit is motor driven in weather-proof housing, designed to provide positive controlled ventilation. Works efficiently with or without a duct system. Capacities up to 43,070 cfm. Write for Bulletin. Another type of roof fan, the Vertical Discharge Roof Ventilator, is designed for foundries, machine shops and other buildings where much oil or dust is in suspension in the air. Unit is economical and convenient to install. Capacities up to 48,925 cfm. Write for Bulletin. All DeBothezat Roof Ventilators are low in silhouette, blend well with modern architecture.