

## Johnson Fan and Blower Co.

1317 West Lake Street, Chicago, Ill.

Manufacturers of

Propeller Fans, Volume Blowers (Multivane Type), Pressure Blowers, Roof Ventilators (Motor Driven), Penthouses, Extended Shaft Fans, Low Speed Exhausters, Unit Heaters.

Offices in Principal Cities



### PROPELLER FANS

Every JOHNSON Propeller Fan is "precision" built and designed on correct ventilating and engineering practice and principles.

The outer ring, arms and motor platform are cast in one piece, thus eliminating bolts and preventing frame from getting out of alignment, during shipment or installation.

40 deg. motors used throughout and enclosed at front to prevent grease, dirt, acid fumes and other injurious substances from injuring windings. Motors are interchangeable, so that the use of only one frame is required for direct current or alternating current.

Furnished in sizes from 12 to 72 in., for any current or voltage.

Send for catalog No. 12, containing detailed information.

### ROOF VENTILATORS (Motor Driven)

The design of JOHNSON Motor Driven Roof Ventilators, embodies a new method of construction, so that all joints are completely sealed, preventing leakage during inclement weather.

The rounded shape or graduated slope of housing greatly assists drainage in wet weather, thereby preventing injury to fan and motor.

Built in single or double compartment types. In double compartment type, the motor, being enclosed in a separate but easily accessible chamber, is protected from fumes or acids.

Write for bulletin No. 25, which contains full data and specifications.

### VOLUME BLOWERS

JOHNSON Blowers are carefully constructed of the best materials. They are designed not only to be able to obtain maximum efficiency, but also, flexibility and ease of installation.

The construction admits of eight different position of discharges, both right and left hand.

Discharge velocity—in JOHNSON ratings—are based on the distance from the point of cut-off to the nearest point of the outer scroll. Built for any type of drive. Sizes from No. 30 up are regularly equipped with Self-Aligning Ball Bearings.

Capacities range from 225 c.f.m. at 1/2 in. static pressure to 161,000 c.f.m. at 2 in. static pressure.

Made in wheel diameters from 6 to 90 in.

Catalog No. 25 gives complete data.

### UNIT HEATERS

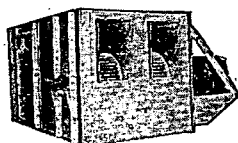
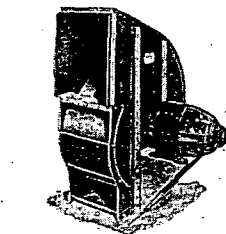
JOHNSON Unit Heaters cover a wider range of sizes and types than can be obtained in any other make.

The Propeller Fan Types are built for either ceiling suspension or floor mounting. The High Velocity Blower Type Unit Heaters cover a wide range, for either ceiling suspension or floor mounting.

The method of "High Velocity" Unit Heating was originated and pioneered by Johnson.

This method adequately meets the requirements for heating interiors where ceilings are high and areas large. With this method fewer unit heaters per area are required and quicker heat in a given area is obtained.

Bulletin No. 58 contains valuable engineering data and detailed information.



PHONE CALUMET 6650

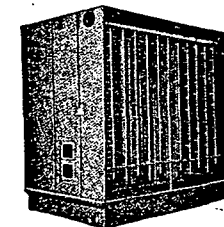
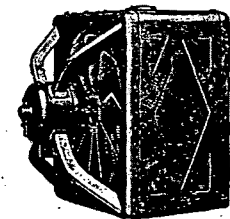
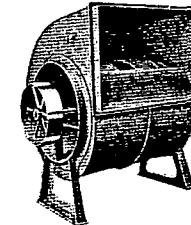
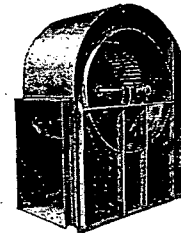
FANS AND BLOWERS  
AIR FILTERS AND  
WASHERS  
FAN FURNACES  
UNIT-HEATERS

The

**[NEW YORK  
BLOWER  
COMPANY]**

GENERAL OFFICES  
3169 SHIELDS AVE.  
ARMOUR P.O. STA.  
CHICAGO, ILL.

FACTORIES AT LA PORTE, IND. AND CHICAGO, ILL.



### Type ME Fan

Type ME Fans cover a wide range of capacities from 100 c.f.m. to 300,000 c.f.m. Sizes up to and including No. 39 made with cast iron inlet stands and are reversible, the larger sizes made non-reversible. Fans deliver large quantities of air at high efficiency. Cone Back Multi-Blade Wheels with forward curved floats used exclusively. Fans are regularly made either with overhung pulley or overhung wheel of all hands and discharges.

We also manufacture Fans for mechanical draft, conveying systems, foundries, gas plants and stokers.

Write for Catalog No. 100 containing complete data.

### Comet Unit-Heaters

For use with steam. Made in two sizes, as shown in table. A Heavy Duty Disc Fan direct connected to motor drives air over heating coils. Unit-Heaters using pipe coil and vento made in convenient sizes.

Write for Catalog 105 which gives complete data including B.t.u. capacities under various conditions.

| Size Heater | Cu. Ft. per Min. | Cu. Ft. per Hour | Motor  |      | Dimensions |       |        | E.D.R. | Wgt. Complete |
|-------------|------------------|------------------|--------|------|------------|-------|--------|--------|---------------|
|             |                  |                  | R.P.M. | H.P. | Height     | Width | Depth  |        |               |
| 8           | 800              | 48,000           | 1050   | 1/20 | 15         | 15    | 8      | 240    | 80            |
| 18          | 1800             | 108,000          | 850    | 1/10 | 23         | 23    | 12 1/2 | 540    | 200           |
| 24          | 2400             | 144,000          | 1160   | 1/6  | 23         | 23    | 12 1/2 | 720    | 200           |
| 60          | 6000             | 360,000          | 680    | 1/2  | 34         | 34    | 15 1/4 | 1800   | 550           |

### Air-Washers and Humidifiers

Peerless Air-Washers and Humidifiers, Type "D" and "E," with capacities ranging from 3600 c.f.m. to 112,000 c.f.m. of value for washing, drying, humidifying and cooling. Also for special processes as paper, textiles, tobacco, glue, leather and wood.

Write for more detailed descriptive literature.