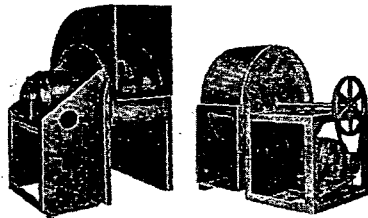
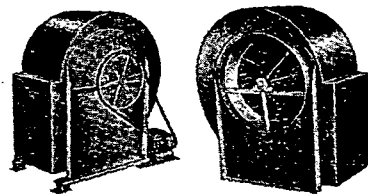


The Peerless Electric Company • Warren, Ohio

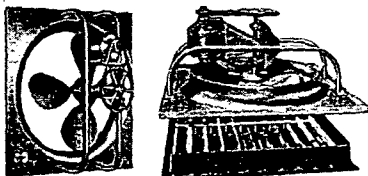
Peerless® Electric FANS AND BLOWERS



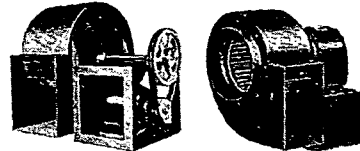
BACKWARD CURVE BLOWERS—In sizes from 12½ in. to 36½ in.; self-limiting hp characteristics; *NAFM* standards; dynamically balanced wheel; heavy cast-iron hub; nothing in air stream; quiet entry, passage and exit; job-matched motor; convertible discharge; belt drive or direct drive.



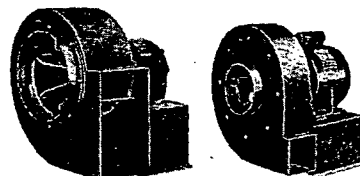
ARRANGEMENT 3—12 in. through 48 in. wheel; clockwise or counterclockwise rotation; convertible discharge; single or double width; motors and drives available; vibration bases optional; ball or sleeve bearings furnished.



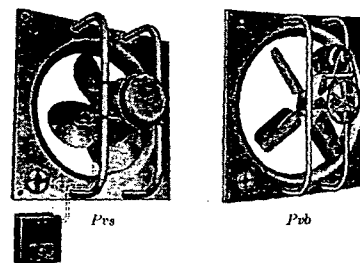
VENTILATIC EXHAUST FANS—Type PAT mounts vertically; Type HAT mounts horizontally or vertically; ideal for home, store, club cooling; resilient, sleeve bearing motors; automatic thermal overload protected; slow-speed belt drive; arc welded.



UTILITY BLOWERS—Belt or direct drive with clockwise or counterclockwise rotation; ½ through 7½ hp; motors in all current characteristics; convertible discharge; arc-welded housing; sleeve or ball-bearing construction; weatherproof drive covers optional.



RADIAL BLADE BLOWERS—½ to 2 hp; slow and high-speed units; self-cleaning wheel; ball or sleeve bearing motors; discharge as specified; base and housing of heavy-gage steel.

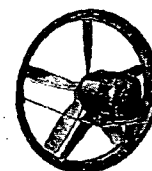


INDUSTRIAL EXHAUST FANS—Vertical or horizontal mounting; totally enclosed motors; adjustable motor base; continuous duty; ball-bearing construction; cfm rating from 470 to 29,350; mount with 4 or 6 lag screws.

PROPELLAIR® Div. HEAVY-DUTY INDUSTRIAL VENTILATING EQUIPMENT

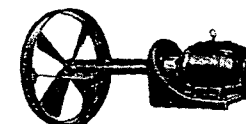
ROBBINS & MYERS, INC.
1947 Clark Boulevard
SPRINGFIELD, OHIO

OFFICES IN PRINCIPAL CITIES



For Ducts,
Walls, Win-
dows, Hoods,
Roof Ven-
tilators

Propellair
Direct-
Connected
Fans

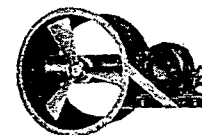


For Heat, Moisture, Fumes,
Dust, and Gases

Propellair Extended-Shaft Fans

For use wherever motors may operate within the air stream, from free air to medium and relatively high resistance. A compact, durable design with fan having two to six blades. Sizes: 12 in. to 60 in. Capacities: 1,020 to 85,000 cfm. Type "CD"

This design locates motor outside air stream when fan is installed in duct at right angle turn, elbow, "Y," or offset. Simple installation usually can be supported by duct without auxiliary bracing. Drive shaft is enclosed and sealed within steel tube. Sizes: 12 in. to 60 in. Capacities: 1,020 to 85,000 cfm. Type "CE."

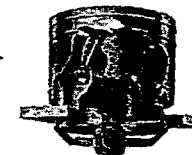


For Heat,
Acids, Alka-
lies—Fumes,
Gases, Dust

Belt-Driven
Propellair
Tube-Axial
Type

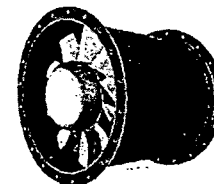
Power Roof Ventilator

Propellair
Sky-Blast®



A complete fan unit in short duct section ready for installation in lines from 20 in. to 60 in. diameter. Type "CS" may be used for severe acid or alkaline conditions, explosive fumes and gases. Type "CSV," for excessive temperatures, circulates outside air through belt and fan shaft tubes to keep drive and bearings cool. Capacities: 5,073 to 85,000 cfm.

Dependable and economical power roof ventilators. Butterfly dampers open wide the instant fan is started, close automatically as fan coasts to a stop, offer virtually zero resistance as heat, fumes, moisture, dust shoot high into air. Rain is prevented from entering by fan when operating. Drainage shed prevents leakage when dampers are closed. Sizes: 16 in. to 60 in. Capacities: 2,800 to 85,000 cfm.



Propellair
Vaneaxial
Fans

Airfoil Principle
Entrance Ring

Airfoil-Section Blades



A compact, highly efficient pressure fan using standard steel drum sections incorporating standard *NEMA* frame motors in direct drive models. Also available in belt-driven ratings with motor outside the air stream. Cast aluminum airfoil propeller and guide vanes for maximum efficiency and durability. Available in 20, 24, 30, 36, 48, and 60 in. diameters in belt and direct driven models. Capacities from 3410 to 85,000 cfm.

Propellair fans have airfoil-section blades with variations of pitch, curvature, and thickness to compensate for different lineal speeds of points at various radii. Air movement is uniform over whole fan area. The Propellair curved entrance ring eliminates eddy currents; helps efficient Propellair blades deliver highest pressure and volume.