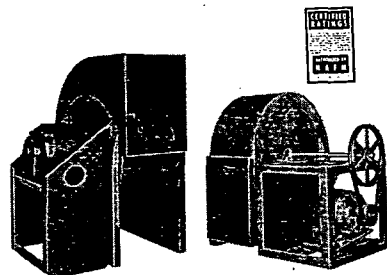


The Peerless Electric Company

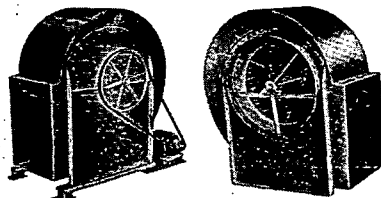
W. Market Street • Warren, Ohio

REPRESENTATIVES IN PRINCIPAL CITIES

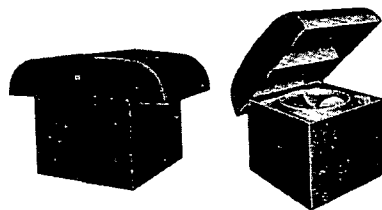
Industrial and Commercial Ventilating Equipment



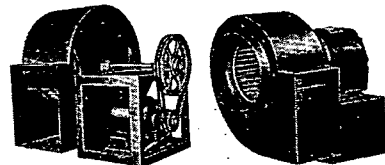
BACKWARD CURVE BLOWERS—In sizes from 12½ in. to 49 in.; self-limiting hp characteristics; *NAFM* standards; dynamically balanced wheel; heavy cast-iron hub; nothing in air stream; quiet entry, passage and exit; job-matched motor; convertible discharge; belt drive or direct drive.



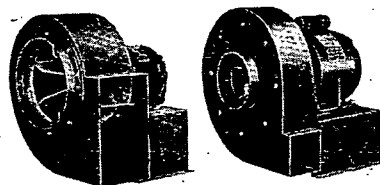
ARRANGEMENT 3—12 in. through 48 in. wheel; clockwise or counterclockwise rotation; convertible discharge; single or double width; motors and drives available; vibration bases optional; ball or sleeve bearings furnished.



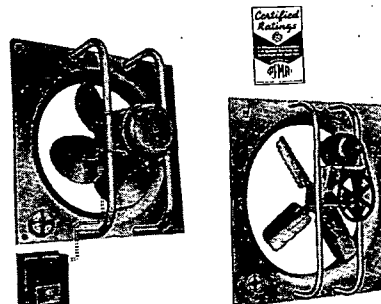
POWER ROOF VENTILATORS—Direct or belt drive; 12 in. to 48 in.; 600 to 25,000 cfm; complete with disconnect switch; totally enclosed motor; automatic shutters; inside insulation; 16 gauge steel housing; baked enamel finish.



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-gauge 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.

ROBBINS & MYERS, INC.

1947 Clark Boulevard

SPRINGFIELD, OHIO

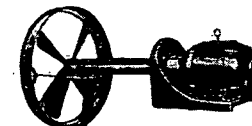
HEAVY-DUTY INDUSTRIAL VENTILATING EQUIPMENT

OFFICES IN PRINCIPAL CITIES



For Ducts, Walls, Windows, Hoods, Roof Ventilators

Propellair Direct-Connected Fans

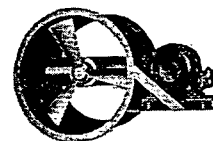


For Heat, Moisture, Fumes, Dust, and Gases

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 78,800 cfm. Type "CE."

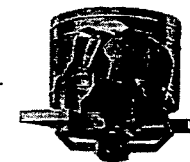


For Heat, Acids, Alkalies—Fumes, Gases, Dust

Belt-Driven Propellair Tube-Axial Type

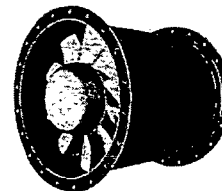
A complete fan unit in short duct section ready for installation in lines from 20 in. to 60 in. diameter. Type "CS" may be used for severe acid or alkaline conditions, explosive fumes and gases. Type "CSV," for excessive temperatures, circulates outside air through belt and fan shaft tubes to keep drive and bearings cool. Capacities: 5,075 to 78,000 cfm.

Power Roof Ventilator



Propellair Sky-Blast®

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 78,000 cfm.



Propellair Vaneaxial Fans

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.

Airfoil Principle Entrance Ring



Airfoil-Section Blades

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.