

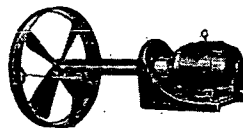
PROPELLAIR Div.

ROBBINS & MYERS, INC.
1947 Clark Boulevard
SPRINGFIELD, OHIO
VENTILATING SPECIALISTS IN ALL PRINCIPAL CITIES



Propellair Direct-Connected Fans

For Ducts, Walls, Windows, Hoods, Roof Ventilators



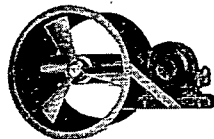
For Heat, Moisture, Fumes, Dust, and Gases

Propellair Extended-Shaft Fans

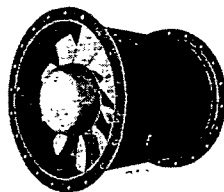
For use wherever motors may operate within the air stream, from free air to medium and relatively high resistance. A compact, durable design with fan having two to six blades. Sizes: 12 in. to 60 in. Capacities: 1,020 to 85,000 cfm. Type "C.D."

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: 5,073 to 85,000 cfm.



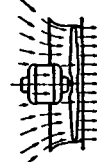
Propellair Vaneaxial Fans

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 and 30 in. diameters, and direct connected models to 60 in. diameters. Belt driven models ranging from 3,410 to 85,000 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 gutter prevents leakage when dampers are closed. Sizes: 16 in. to 60 in. Capacities: 2,800 to 79,000 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.

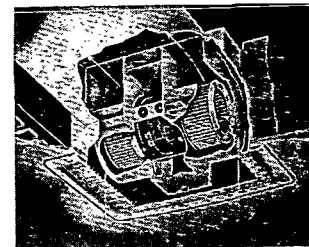


Trade-Wind Motorfans, Inc.

5725 So. Main St.
Los Angeles 37, Calif.

Representatives In All Principal Cities. Carried In Stock By Many Electrical Jobbers

TRADE-WIND CLIPPER CEILING VENTILATORS



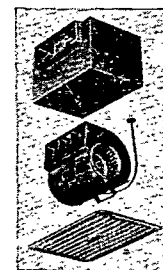
Cutaway view of Model 2501 shows double blowers used in this unit.

THE TRADE-WIND CLIPPER BLOWER is a small capacity centrifugal blower, primarily used for exhaust application. While used extensively for home kitchen ventilation, it is adaptable for other applications, such as in school toilets, therapy and treatment rooms in hospitals, dental laboratories, ticket

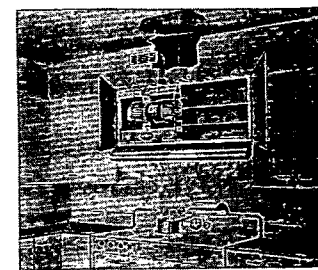
booths, offices and x-ray and photographic dark rooms.

This is a "unit package" assembly, complete with ceiling grille and necessary electrical connections. It is Underwriters' approved and listed. It carries a (pro-rata) five year guarantee. The installation requires only the application of a discharge duct of the same dimension as the outlet collar and the optional addition of an automatic shutter for the end of the duct.

The assembly is inherently quiet and is installed rigidly in the structure without need for resilient mountings or flexible duct connections. The blower is normally quiet at its maximum speed. The motor and wheel unit is removed easily without tools through the ceiling inlet opening. The patented construction of the Clipper entirely isolates the motor from the air stream. This special feature keeps the motor free from contaminated air, adding to its service life.



LEFT: Blower unit and grille in all Trade-Wind models are easily removed without tools. Unit shown is Model 1501.



RIGHT: Model 3501 installs in a cabinet over the stove. Inlets, equipped with washable filters, are provided in base of unit and at ceiling and fold-under hood is optional.

Selection Chart and Specifications TRADE-WIND CLIPPER VENTILATORS—115 Volt, 60 Cycles, A.C.

Cat No.	Description	Type Blower	Net Air CFM	Recomm. Max. Room Size Cu Ft	Duct Size	Motor Watts
1201 Clipper	Horizontal discharge complete with grille.	Single Wheel	100	Bathrooms Only	4" Round	60
1501 Clipper	Interchangeable horizontal or vertical discharge, complete with grille.	Two Wheels	300	1000	10"x3 1/4"	90
2501 Clipper	Interchangeable horizontal or vertical discharge complete with grille, 2-speed motor & switch.	Two Wheels	425	2000	10"x3 1/4"	145
3501 Super Clipper	Cabinet Installation Includes housing, 2 filters, 2-speed motor and switch; stainless steel hood optional.	Two Wheels	550	3000	13"x4"	185