The Torrington Manufacturing Co.

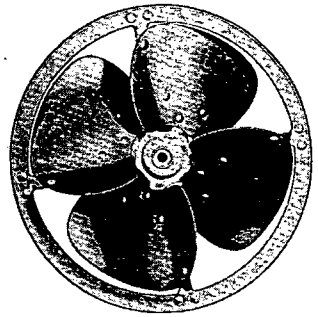
50 Franklin Street, Torrington, Conn.

WESTERN DIVISION: VAN NUYS, CALIFORNIA. IN CANADA: TMCo., LTD., OAKVILLE, ONTARIO

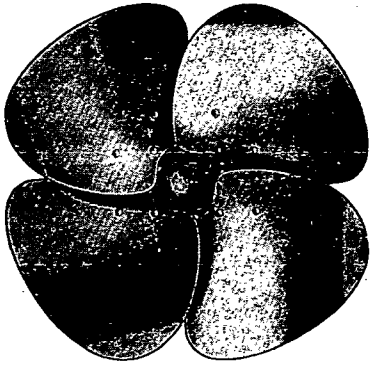
Manufacturers of Blower Wheels and Propeller Type Fan Blades.

AIRISTOCRAT Quiet Propeller Fan Blades

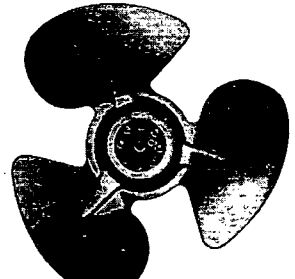
AIROTOR Blower Wheels



"Slinger Rings" for Assembled Fans



4-Blade Airistocrat Fan "E" Series



New "LU" Series One-piece Airistocrat Fan Blades

"E" Series AIRISTOCRAT Fan Blades—Outstandingly high efficiency is the chief characteristic of this fan blade. It delivers more air for any given horsepower. Size for size it looks bigger, more powerful.

In impartial tests, ten competitive fan blades were recently compared with "E" Series blades of the proper diameter and pitch. In every case, air delivery was sharply increased. Within the same space limitations and with the same power, the "E" blade delivered as much as 28 per cent more air.

Convincing proof of the superior performance of this fan may be found in the ***NEMA*** and ***NAFM*** tables prepared as a guide to selection. The catalog containing these tables and specifications will be mailed upon request.

Specifications: Three-blade models in 10 in., 12, 14, 16, 18 and 20 in. diameters; four-blade models 8 in., 10, 12, 14, 16, 18, 20, 22 and 24 in. diameters. Five pitches in most sizes. Aluminum blades, steel spider and hub. Standard finishes.

Neoprene Hubs for Shaded Pole motors—designed to minimize the transmission and amplification of motor noises by the fan blade. These hubs are currently available in ¼, 5/16, ⅜, 7/16, ½ in. diameters for Torrington propeller fans up to and including 12 in. diameters.

AIRISTOCRAT "M" Series Attic Fan Blades—Three outstanding features of this new design are: (1) Extremely high efficiency, which gives maximum cfm per horsepower; (2) knockdown construction which drastically lowers shipping costs; (3) quiet operation—a point of major interest to the consumer.

This all steel four-blade fan is manufactured for attic use exclusively, in 24, 30, 36, 42 and 48 in. diameters, in 40 deg pitch only.

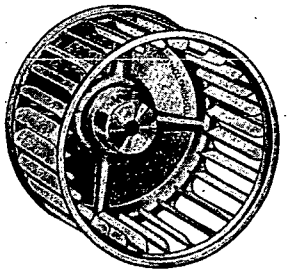
"Slinger Rings" for Assembled Fans—A rolled ring, L-shaped in cross-section, with solidly welded joint. Designed to adapt all popular sizes of assembled Airistocrat fan blades for application as condenser fans on room air conditioners. Design allows considerable flexibility as to diameter, location of ring on periphery of blade, etc., without expensive tooling.

New "LU" Series One-Piece AIRISTOCRAT Fan Blades—An extremely quiet and very efficient one-piece fan designed especially for refrigeration and air conditioning applications. This quality product is hand-set to assure accurate forming and alignment. Made of aluminum, pierced for all unit-bearing motors. Sizes: 7¾, 8¾ and 10 in. diameters.

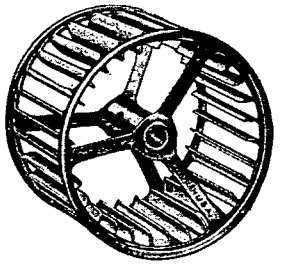
"One-Piece" Airistocrat Fan Blades—Exceptionally rigid models blanked from one piece of metal. Made in both steel and aluminum. Sizes 3 in., 4, 4½, 5, 5½, 6, 6½, 8, 9, 10, 12 and 16 in. diameters, all four blades; also 5½, 7, 8, 9, 10 in. 5-blade. Available in the following finishes: 1. Plain. 2. Lacquered. 3. Zinc plated (steel only).

Torrington Airotor Blower Wheels are light, sturdy and inexpensive—incorporate new principles of design and construction, which insure rigidity and concentricity. **Single Width—Single Inlet** wheel is of simple four-piece construction. **No rivets or welds are used;** concentric rib serving as backing for blade strip is formed at same time as hub socket, insuring trueness of wheel. Rigid radial ribs prevent deflection by thrust. Three thicknesses of metal in rims make for maximum strength. Excellent for many heating and ventilating uses. Manufactured in both aluminum and steel in 1½ in., 2, 3, 3⅝, 4, 4½, 5, 6, 7, 7½, 8½, 9 and 10½ in. diameters. Clockwise or counterclockwise rotation. Same sizes available in DA type double width, double inlet wheels.

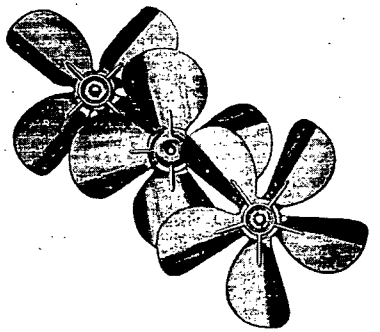
Torrington Airotor Blower Wheel—Double Inlet—Spider End Plates. Has blades punched and formed in a single strip, rigidly held by flanged single piece end rings. Hubs are rigidly mounted by peening. Wheels of 2½ in., 3⅝ in., 7½ and 10½ in. diameter are available at present. Additional sizes now being developed.



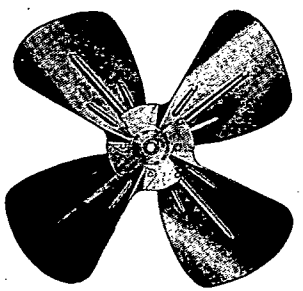
Airotor Blower Wheel—Single Width—Single Inlet Patents 2,231,062; 2,278,695 Des. 126,043



Airotor Blower Wheel Double Inlet—Spider End Plates



"One Piece" Airistocrat Fan



4-Blade Airistocrat Attic Fan "M" Series