

The Torrington Mfg. Co.

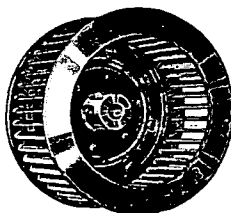
50 Franklin Street, Torrington, Conn.

Manufacturers of All-Aluminum Blower Wheels and Disc Propeller Type Fan Blades. Air impellers for every purpose.

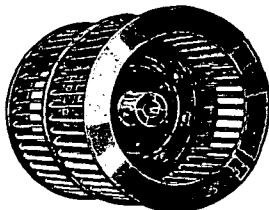
AIRISTOCRAT
Quiet Propeller Fan Blades

TORRINGTON
BLOWER WHEELS

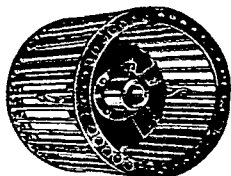
AUTOCRAT
Fan Blades



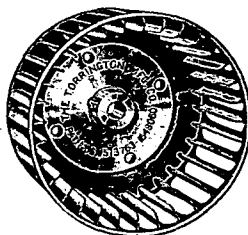
Single Inlet Blower Wheel



Double Inlet Blower Wheel
Pat. 1,700,017



Special Design Blower Wheel



Cup Type Blower Wheel
Pats. 1,515,763 and 1,648,060
(Produced under license from American Blower Co.)

Torrington Aluminum Blower Wheels produce the smooth, quiet performance which is essential in modern heating and air conditioning units because the unique patented construction breaks up resonance and minimizes noise. Made of aluminum, they resist corrosion and their light weight facilitates quick starting—saves power. Every wheel is perfectly balanced by hand and given a running test.

Bulletin lists 31 sizes of single inlet single width and 31 sizes of double inlet double width wheels, including guaranteed capacities for each. Also gives detailed dimensions for all wheels and table of dimensions for housing scrolls. We do not manufacture housings.

Sizes 3 in. to 15 in. diameter in all standard widths.

Special Design—for unit type air conditioners. 2 sizes only. Design is of double inlet type with a center spider plate to which hub is attached. Blades, in addition to being riveted to inlet rings, are held rigidly in their proper position by the channel shaping of the inlet rings which closely fit the blade feet. Made of aluminum or steel, cadmium plated.

No. ½ SD 5 in. diameter x 4 ¼ in. width—36 blades.

No. ⅔ SD 5½ in. diameter x 6 ½ in. width—45 blades.

Bulletin gives performance curves, also details of wheel dimensions and table of dimensions for housing scrolls.

Torrington Cup Type Wheels—The one piece cup construction is economical for production and the design is efficient and sturdy. Ideal where maximum air delivery and minimum power is required. Used for automobile heaters, windshield defrosters, small hair dryers, hand dryers, ice box and refrigerator circulators, window ventilators, exhausters, etc. Made for either clockwise or counter clockwise rotation, of steel or aluminum, in the following sizes:

Dia.	Blade Width	Dia.	Blade Width
3 in.	1½ in.	6 in.	¾ in.
3½ in.	1¾ in.	6 in.	1½ in.
4½ in.	2½ in.	6 in.	2½ in.
4½ in.	3 in.	6 in.	3½ in.
5 in.	2½ in.	7½ in.	4½ in.
5 in.	3 in.	9 in.	4½ in.

AIRISTOCRAT Quiet Propeller Fan Blades are beautiful, ornamental, ultra quiet, modern as the year 1939. Designed for free air applications (desk fans, air circulators, etc.) Perform well at moderate pressures. Used for window ventilators, unit type air conditioners, unit heaters, refrigeration devices, etc. Blades are hand set for alignment, statically balanced and packed in special containers for protection in transit. Clockwise rotation only. Aluminum alloy blades, steel center. Finishes as follows: 1. Plain. 2. Blades with no finish; spider and hub with cadmium plate or black lacquer. 3. All black lacquer, with or without center button. 4. Buff and lacquer blades, black lacquer spider and hub, with or without center button. Bulletin No. 123738 gives detailed dimensions and guaranteed performance curves recorded under NEMA code tests at various speeds.

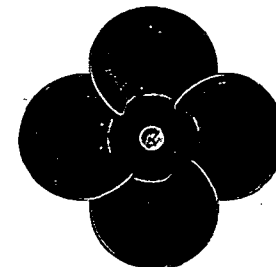
De Luxe Model—The round, convex centerplate adds to the beauty of this ultra quiet blade which will improve the appearance of and help to sell your unit. Sizes 10 in., 12 in. and 16 in.

Standard Model—Same as DeLuxe Model but with blades mounted on a conventional type spider instead of round center disc. A sturdy and beautiful blade which has withstood extreme laboratory breakdown tests. Sizes 8 in., 10 in., 12 in., 14 in., 16 in. and 18 in. Priced lower than DeLuxe Models.

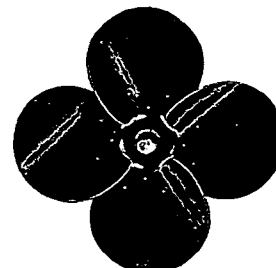
Air Circulator Model—The design of this blade is the result of two years of laboratory experiment to produce a better air circulator blade. At recommended speed these blades produce a high velocity air stream effecting deep penetration with unusual quietness. Sizes 20 in., 24 in. and 30 in. (Larger sizes ready soon).

AUTOCRAT Fan Blades—For auto heaters, windshield defrosters, etc. Have been standard ever since these devices were first marketed. Made in sizes 3 in., 4 in., 4½ in., 5 in., 5½ in., 6 in., 6½ in., all four blades, also 7 in. 5-blade, in one piece of cold rolled steel or aluminum with brass hubs, complete with set screw. ¼ in. bore is standard. Either clockwise or counter clockwise rotation (expressed when looking at air delivery side of fan). White nickel is standard finish for steel blades. Bulletin gives complete specifications and ratings.

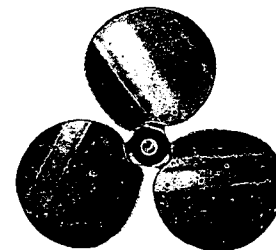
Every Torrington fan has resulted from scientific research and development under experienced engineers in a laboratory fully equipped for the study of aerodynamics. Other new Torrington models are under development. Get on our mailing list and you will be kept informed on important new fan developments.



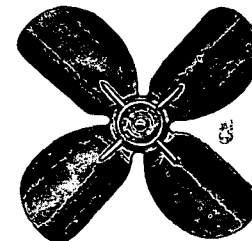
Airistocrat DeLuxe Model



Airistocrat Standard Model
Pats. 2,072,322 and 2,021,707



Airistocrat Air Circulator Model



Autocrat Fan Blade