

American Coolair Corporation

3604 Mayflower Street, Jacksonville 3, Florida

Exhaust Fans and Related Equipment for Industrial and Home Cooling

Authorized Distributors and Dealers in Most Communities

District Representatives:

ATLANTA, GA.—John L. Underwood Co., Inc., 555 Whitehall St., S.W., Atlanta 3, Ga. Phone Main 7878
CINCINNATI, OHIO—Halsey E. Kendrick, 5167 Valley Ridge Road, Cincinnati 11, Ohio, Phone Humboldt 4573

DALLAS, TEXAS—J. D. Clower, Whitewright, Texas. LD Phone, Whitewright 919F2.

JACKSON, MISS.—Bert White, P.O. Box 4264, Jackson 6, Miss., Phone 6-4853

NEW YORK, N. Y.—E. R. Dexter, 117 N. Middletown Rd., Pearl River, N. Y., LD Phone Pearl River 5-2725
WASHINGTON, D. C.—Robert A. Magee, 7402 Columbia Ave., College Park, Md., Phone Warfield 1480.

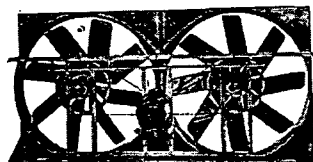
COOLAIR BELT DRIVE FANS are specifically engineered to move large volumes of air *quietly* and at low cost.

Certified Ratings: Coolair Fans are rated in accordance with the ASHVE Standard Test Code for Centrifugal and Axial Fans (1938). In addition, most sizes up to and including 62-inch are rated by the A&M College of Texas.

Exclusive Ball Bearing Hub with stationary shaft and ball bearing motors insure long life and permit mounting in any position.



Single or Twin Units—To simplify space problems Coolair Fans through the 50-inch size are available in twin units driven by a single motor (U. S. Patents 2109838 & 2191418).



Types H and HT (Twin)—For home and commercial use where ultra quiet operation is required, these slow speed units with integrally mounted spring suspension (U. S. Patent 2191418) are recommended. Most models available with 2-speed motors.

Types C and CT (Twin)—For heavy duty commercial and industrial applications, these rigid frame, high output units are indicated. Available without motors or fitted with standard semi-enclosed, en-

closed, and explosion proof motors for all types of service.

Types S and SX—Recommended for large industrial applications where large volumes of air must be handled. Heavy duty, double frame construction with special pillow-block, ball bearing drive. Small Fans and Accessories—A complete line of Window Fans, Direct Drive Fans, Attic Packages, Ceiling Shutters, Wall Shutters and Guards. Write for descriptive bulletins.

CONDENSED PERFORMANCE DATA and DIMENSIONS

Coolair V-Belt Drive Exhaust Fans

TYPE H (Ultra-quiet, spring-mounted)				
Blade dia. (inches)	hp	rpm	cfm	Overall Dim. (inches)
				Ht. Width
26	1/8	490	4350	30 3/4 30 3/4
32	1/8	420, 475	7730, 8620	36 3/4 36 3/4
38	1/8	331, 371	9800, 11050	42 3/4 42 3/4
44	1/4, 1/2	291, 326	13300, 14670	49 49
50	1/2, 3/4	284, 318	17250, 19360	55 1/2 55 1/2
56	3/4, 1	242, 272	20000, 22500	61 3/4 61 3/4
62	1, 1 1/2	216, 241	24400, 27200	67 3/4 67 3/4

Two-speed units available in all sizes

TYPE HT (Ultra-quiet TWIN UNITS)				
Blade dia. (inches)	hp	rpm	cfm	Overall Dim. (inches)
				Ht. Width
26	1/8	468	8400	30 3/4 61 1/4
32	1/8, 1/4	361, 420	13000, 15460	36 3/4 73 1/4
38	1/8	326	19300	42 3/4 85 1/4
44	1/4	317	28800	49 98
50	1	284	34500	55 1/2 110 1/4

Two-speed units available in all sizes below 1 hp

TYPE C (Commercial, Rigid Frame)				
Blade dia. (inches)	hp	rpm	cfm	Overall Dim. (inches)
				Ht. Width
26	1/4 to 1/2	612 to 780	5450 to 7200	30 3/4 30 3/4
32	1/2 to 3/4	485 to 651	8200 to 10450	36 3/4 36 3/4
38	3/4 to 1	355 to 552	10000 to 14670	42 3/4 42 3/4
44	1 to 1 1/4	330 to 494	13250 to 19450	49 49
50	1 1/4 to 3	318 to 496	19300 to 30000	55 1/2 55 1/2
56	3 to 2	272 to 370	22500 to 30000	61 3/4 61 3/4
62	1 to 3	261 to 369	29300 to 41500	67 3/4 67 3/4

TYPE CT (Commercial Twin Units)				
Blade dia. (inches)	hp	rpm	cfm	Overall Dim. (inches)
				Ht. Width
26	1/4, 1/2	557, 612	9800 to 10900	30 3/4 61 1/4
32	1/2, 3/4	441, 523	14600 to 17100	36 3/4 73 1/4
38	3/4, 1	334, 378	18200, 20600	42 3/4 85 1/4
44	1, 1 1/4	309, 330	24800, 26500	49 98
50	1 to 2	284 to 351	34500 to 42600	55 1/2 110 1/4

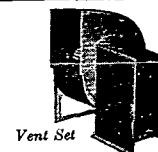
TYPE S (Industrial Units)				
Blade dia. (inches)	hp	rpm	cfm	Overall Dim. (inches)
				Ht. Width
72	1 to 5	155 to 270	35000 to 60000	75 1/4 75 1/4
84	2 to 7 1/2	170 to 270	68000 to 85000	87 87

TYPE SX (Industrial Units)				
Blade dia. (inches)	hp	rpm	cfm	Overall Dim. (inches)
				Ht. Width
96	3 to 10	150 to 225	80000 to 120000	99 99
108	5 to 15	150 to 215	110000 to 154000	111 1/4 111 1/4

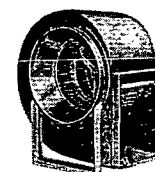
Bayley Blower Company

1821 S. Sixty-Sixth Street Branches in Principal Cities Milwaukee 14, Wis.

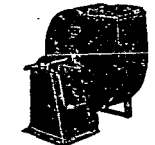
Engineers and Manufacturers of Fans, Washers, Heaters and Other Air-Handling Equipment



Vent Set



Ventilating Fan



Industrial Fan

CENTRIFUGAL FANS

Bayley offers a complete selection of types, sizes and arrangements of centrifugal fans for ventilating, conditioning, industrial, and mechanical draft service, with slow-speed, power-limiting, or medium speed wheels. Made in single or double widths, with capacities up to 300,000 cfm or more. Smaller sizes have reversible housings for convenience and economy.

INDUSTRIAL FANS

Bayley Industrial Fans are available in a wide range of sizes and constructions from which to select the unit best fitted for any application in exhausting, conveying, cleaning, drying, blast, draft, or similar duties. Type "EX" is proportioned primarily for medium pressures and capacities usually encountered in materials handling or exhaust. Type "H" is similar, but proportioned for relatively higher pressures and smaller volumes. Designs are adaptable to suit virtually any requirement of temperature, corrosion-resistance or other severe operating conditions.

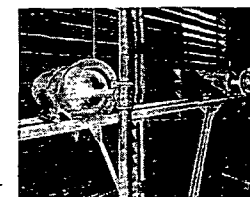
VENTILATING FANS

Type "F" Fans are equipped with wheels having forward-curved floats, effecting a slow-speed characteristic. The floats of the wheels supplied with Type "AP" Fans are backwardly inclined, producing a non-overloading characteristic. Choice of fans is determined by the design conditions of the individual installation.

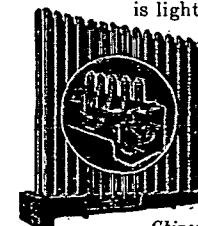
VENTILATING SETS—Compact, unitary Ventilating Sets are manufactured with drive complete, ready to use, direct-connected and belted styles with capacities to 15,000 cfm. These handy units serve a wide variety of applications in ventilation and exhaust, for kitchens, lavatories, gymnasiums, restaurants, garages, halls, hospitals, laboratories, industrial plants, and many other locations. May be used for supply, exhaust or both. They can be equipped with weather-protection hood for outdoor or penthouse installation. Carefully engineered and sturdily built to give long-lasting, efficient service.

AIR WASHERS

Because Turbo washers atomize by mechanical means, they cannot clog, hence are admirably suited to handling air contaminated with particulate matter. Standard pressure-nozzle washers also available for use where dust content is light.



Turbo Washer



Chinook Heater

BLAST HEATERS—The finless, long-lasting iron pipe coils of Chinook Heaters will not clog, therefore maintain full capacity longer. Pipe-within-a-pipe arrangement has single header for supply and return, cannot short-circuit, and absorbs expansion and contraction without damaging stresses. A size and type for any blast heating application.