

American Coolair Corporation

3606 Mayflower Street, Jacksonville 3, Florida

Exhaust Fans and Related Equipment for Industrial and Home Cooling

Authorized Distributors and Dealers in Most Communities

District Sales Managers:

DALLAS, TEXAS—J. D. Clower, Whitewright, Texas. LD Phone, Whitewright 919F2.
NEW ORLEANS, La.—Karl P. Schulze, 231 Phosphor Ave., New Orleans 20, La. Phone Cedar 3493M.
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, 2524 Pennsylvania Ave. S.E., Washington, D.C. Phone Victor 1877.

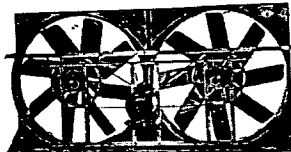
COOLAIR BELT DRIVE FANS are specifically engineered to move large volumes of air *quietly* and at low cost.

CERTIFIED RATINGS, UL LABEL Coolair Fans are rated in accordance with the ASHVE Standard Test Code for Centrifugal and Axial Fans (1938). In addition, fans up to and including the 62 in. sizes are rated by the *A & M College of Texas* and listed under the Re-examination Service of *Underwriters' Laboratories*.

SKF BALL BEARINGS in all models.



TYPES H and C—For commercial and home use. Type H is equipped with sound-absorbing springs, assuring extremely quiet operation. U. S. Patent 2191418. Type C is similar but with rigid frame and heavy duty blades, for commercial and industrial use.



TYPES HT and CT—These twin units often fit perfectly where limited space prevents use of a single fan big enough for the job. U. S. Patents 2109838, 2191418.

TYPE S and SX For large industrial jobs. Heavy-duty double frame construction, pillow-block ball bearings.

Write for special bulletins and catalog sheets on above units, and the following equipment not shown here: Window Fans, Attic Packages, Shutters, Direct Drive Fans.

CONDENSED PERFORMANCE DATA and DIMENSIONS

Coolair V-Belt Drive Exhaust Fans

Blade dia (inches)	TYPE H (Ultra-quiet, spring-mounted)			Overall Dim. (inches)	
	hp	rpm	cfm	Ht.	Width
28	1/4	490	4350	30 3/4	30 3/4
32	1/2	420, 475	7750, 8620	36 3/4	36 3/4
38	3/4	331, 371	9800, 11050	42 3/4	42 3/4
44	1	291, 326	13300, 14670	49	49
50	1 1/2	284, 318	17250, 19300	55 1/2	55 1/2
56	2	242, 272	20000, 22500	61 1/2	61 1/2
62	2 1/2	216, 241	24400, 27200	67 1/2	67 1/2

TYPE HT (Ultra-quiet TWIN UNITS)

28	1/4	468	8400	30 3/4	61 1/2
32	1/2	361, 420	13000, 15460	36 3/4	73 1/2
38	3/4	326	19300	42 3/4	85 1/2
44	1	317	28800	49	98
50	1 1/2	284	34500	55 1/2	110 1/2

TYPE C (Commercial, Rigid Frame)

28	1/4 to 1/2	557 to 780	4900 to 7200	30 3/4	30 3/4
32	1/2 to 3/4	441 to 651	7300 to 10450	36 3/4	36 3/4
38	3/4 to 1	334 to 552	9100 to 14670	42 3/4	42 3/4
44	1 to 1 1/2	300 to 494	12040 to 19450	49	49
50	1 1/2 to 2	284 to 496	17250 to 30000	55 1/2	55 1/2
56	2 to 2 1/2	242 to 370	20000 to 30000	61 1/2	61 1/2
62	2 1/2 to 3	216 to 369	24400 to 41500	67 1/2	67 1/2

TYPE CT (Commercial Twin Units)

28	1/4 to 1/2	510 to 612	8900 to 10900	30 3/4	61 1/2
32	1/2 to 3/4	358 to 528	12650 to 17100	36 3/4	73 1/2
38	3/4 to 1	334, 378	18200, 20600	42 3/4	85 1/2
44	1 to 1 1/2	309, 330	24800, 26500	49	98
50	1 1/2 to 2	284 to 351	34500 to 42600	55 1/2	110 1/2

TYPE S (Industrial Units)

72	1 to 5	1165 to 270	35000 to 60000	75 1/2	75 1/2
84	2 to 7 1/2	1170 to 270	58000 to 85000	87	87

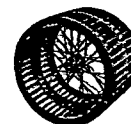
TYPE SX (Industrial Units)

96	3 to 10	150 to 225	80000 to 120000	99	99
108	5 to 15	150 to 215	110000 to 154000	111 1/2	111 1/2

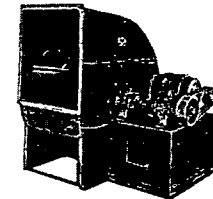
Bayley Blower Company

1817 S. Sixth Street Branches in Principal Cities Milwaukee 14, Wis.
Engineers and Manufacturers of Fans, Washers, Heaters and
Other Air-Handling Equipment

PLEXIFORM



Type "F" Wheel



CENTRIFUGAL FANS

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

INDUSTRIAL FANS

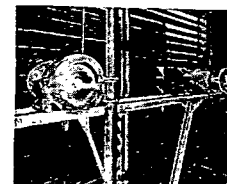
Bayley Industrial Fans are available in a wide range of sizes and constructions from which to select the unit best fitted for any application in exhausting, conveying, cleaning, drying, blast, draft, or similar duties. Type "EX" is proportioned primarily for medium pressures and capacities usually encountered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



Type "EX" Fan

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

AEROPLEX

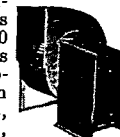


Type "AP" Wheel

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

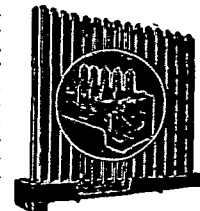
Compact, unitary Ventilating Sets are manufactured with drive complete, ready to use, direct-connected and belted styles with capacities to 15,000 cfm. These handy units serve a wide variety of applications in ventilation and exhaust, for kitchens, lavatories, gymnasiums, restaurants, garages, halls, 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.



Vent Set

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.



Chinook Heater