The Swartwout Company

Swartwout Rotary Ball Bearing Ventilators

18551 Euclid Avenue

Cleveland, Ohio

Branch Offices

NEW YORK, N.Y., 103 Park Ave.
PITTSBURGH, PA., 1009 Diamond Bank Bldg.

Branch Offices

CHICAGO, ILL., 549 W. Randolph St.
ST. LOUIS, MO., 1124 Chemical Bldg.



PRODUCTS

Swartwout Rotary Ball Bearing Ventilators.

Construction

Swartwout Rotary Ball Bearing Ventilators are built of Armco Ingot Iron or special metals as required. All joints are double seamed—no bolts being used. All interior members are given a special rust-resisting coating after punching and forming.

Bronze bearings revolving on bronze balls provide free rotation without the necessity of lubrication. Outside louver dampers are controlled easily from within the building by a special louver attachment which permits definite setting of area opening without necessity of fastening the chain. Bases to fit standard sizes are made of the same metal, two gauges heavier than the ventilator.

Erection and Operation

Swartwout Rotary Ball Bearing Ventilators leave the factory completely assembled, making erection on the building a quickly accomplished job.

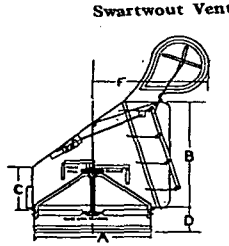
Swinging freely with the wind, Swartwout Ventilators provide a continual suction of air from within the building. Capacity is regulated by setting the louver dampers at the most desirable angle. Full area opening will, of course, provide maximum ventilation.

Survey Service

Maintaining a staff of ventilation experts for the purpose, THE SWARTWOUT COMPANY co-operates with heating and ventilating engineers by studying their problems and making helpful recommendations in the form of a Swartwout Survey. There is no charge for this service. However, if you choose to follow the recommendations of a Swartwout Survey, you are assured of guaranteed ventilation.

Write for a copy of "The Gospel of Fresh Air," a new book devoted to the subject of ventilation.

Dimensions, Weights and Gauges of Swartwout Ventilators



For dimensions, "A," "B," "C," "D," "F," in inches see table below.

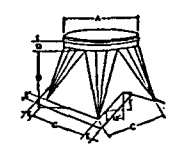
In ordering only dimension "A" is required.

Installation

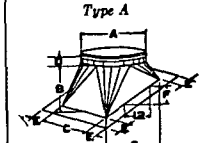
To insure proper installation and immediate satisfaction, complete directions for mounting are supplied on each ventilator.

A	B	C	D	F	Gauge Iron	Wt. Copper, Oz.	Net Wt., Lb.	Crated Wt., Lb.
10	9⅛	4	5	11½	24	18	15	20
12	11	4¾	5	14¼	24	18	20	25
14	12⅞	5¾	5½	15½	24	18	30	30
16	14¾	6	5½	17	24	18	35	40
18	16½	6⅝	6½	19	24	18	45	55
20	18½	7⅝	6½	21	24	18	50	65
24	22	9	6¾	24½	24	20	60	80
30	27½	11⅝	9⅛	30	22	24	120	175
36	33	13⅞	11	34½	22	24	160	240
42	38½	15¾	11¼	41¼	20	28	225	390
48	44	18⅛	11¼	46½	20	28	320	465
54	49½	20¼	13¾	47	20	28	485	690
60	55	22½	15½	61	20	28	560	750
66	60½	24¾	16¾	62½	20	28	650	825
72	66	27	16⅝	67½	20	28	780	1000

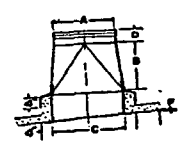
Dimensions, Weights and Gauges of Swartwout Bases



Type A



Type B



Type C

A	B	C	D	E	F	Gauge Iron	Wt. Copper, Oz.	Aver. Net Wt., Lb.	Aver. Crated Wt., Lb.
10	18	14	5	5	Required Dimension Slope per Foot	22	24	13	15
12	18	16	5	5		22	24	18	20
14	18	18	5	5		22	24	26	28
16	18	20	5	5		22	24	35	37
18	18	22	5	5		22	24	38	40
20	22	24	5	5		22	24	45	50
24	22	28	5	5		22	24	55	65
30	22	34	5	5		20	28	80	95
36	22	40	5	5		20	28	95	110
42	22	46	5	5		20	28	105	125
48	22	52	5	5		18	32	115	135
54	22	58	5	5		18	32	125	150
60	22	64	5	5		18	32	140	165
66	22	70	5	5		18	32	155	185
72	22	76	5	5		18	32	170	200

Index to Modern Equipment

AMERICAN SOCIETY *of* HEATING *and* VENTILATING ENGINEERS GUIDE 1929

AIR COCKS *(See Cocks, Air)*

AIR CONDITIONING
American Blower Corp.
Atmospheric Conditioning Corp.
Bayley Blower Co.
Bentz Engineering Corp.
Bishop & Babcock Sales Co., The
Buckeye Blower Co., The
Buffalo Forge Co.
Carrier Air Conditioning Corp. of America
Carrier Engineering Corp.
Clarage Fan Co.
Cooling and Air Conditioning Corp.
De Bothezat Impeller Co.
Garden City Fan Co.
General Air Filters Corp.
Grinnell Co., Inc.
Ilg Electric Ventilating Co.
Johnson Fan & Blower Co.
Langenberg Mfg. Co.
Midwest Air Filters, Inc.
National Air Filter Co.
New York Blower Co.
Niagara Blower Co.
Peerless Unit Ventilation Co., Inc.
Reed Air Filter Co., Inc.
Shipp, C. C., & Co.
Skinner Bros. Mfg. Co., Inc.
Sturtevant, B. F., Co.
Trane Co., The
United States Ozone Co.
Wing, L. J., Mfg. Co.
York Heating & Ventilating Corp.

AIR COOLERS
Aerofin Corp.
American Blower Corp.
Bayley Blower Co.
Buffalo Forge Co.
Clarage Fan Co.
General Air Filters Corp.
Ilg Electric Ventilating Co.
McCord Radiator & Mfg. Co.
Niagara Blower Co.
Rome Brass Radiator Corp.
Rome-Turney Radiator Co., The
Schutte & Koerting Co.
Sturtevant, B. F., Co.
Trane Co., The
York Heating & Ventilating Corp.

AIR DIFFUSERS *(See Diffusers, Air)*

AIR DRYING *(See Drying Apparatus)*

AIR ELIMINATORS *(See Eliminators, Air)*

AIR FILTERS *(See Filters, Air)*

AIR HEATERS *(See Heaters, Air)*

AIR METERS *(See Meters, Air)*

AIR PUMPS *(See Pumps, Air)*

AIR TESTING INSTRUMENTS
American Blower Corp.
Hill, E. Vernon, Co.

AIR VALVES *(See Valves, Air)*

AIR WASHERS
American Blower Corp.
Atmospheric Conditioning Corp.
Bayley Blower Co.
Bentz Engineering Corp.
Bishop & Babcock Sales Co., The
Buffalo Forge Co.
Clarage Fan Co.
Cooling and Air Conditioning Corp.
De Bothezat Impeller Co.
General Air Filters Corp.
Ilg Electric Ventilating Co.
Midwest Air Filters, Inc.
New York Blower Co.
Niagara Blower Co.
Reed Air Filter Co., Inc.
Sturtevant, B. F., Co.
York Heating & Ventilating Corp.

AMMONIA COILS *(See Coils, Ammonia)*

ASBESTOS AND INSULATING PRODUCTS
Armstrong Cork & Insulation Co.
Banner Rock Products Co.
Samuel Cabot, Inc.
Celotex Co.
Flax-li-num Insulating Co.
Insulating Products Corp.
Insulite Co., The
Johns-Manville Corp.
MacAndrews & Forbes Co.
Masonite Corp.
National Radiator Corp.
Pantasote Co., Inc.
Ric-wiL Co., The
Sprayo-Flake Co.
Stewart Inso Board Co.
United States Gypsum Co.
Universal Gypsum & Lime Co.
Wood Conversion Co.

ASBESTOS—Sheet
Johns-Manville Corp.

AUTOMATIC FURNACES *(See Furnaces, Automatic)*

AUTOMATIC STARTERS
Absolute Con-tac-tor Corp.
General Electric Co.

BAKING EQUIPMENT
Bentz Engineering Corp.
Clarage Fan Co.
Cooling and Air Conditioning Corp.
Swartwout Co., The

BLAST GATES *(See Gates, Blast)*

BLOWERS—Centrifugal

American Blower Corp.
Bayley Blower Co.
Buckeye Blower Co., The
Buffalo Forge Co.
Clarage Fan Co.
Garden City Fan Co.
General Electric Co.
Ilg Electric Ventilating Co.
Johnson Fan & Blower Co.
Nesbitt, John J., Inc.
New York Blower Co.
Niagara Blower Co.
Skinner Brothers Mfg. Co., Inc.
Sturtevant, B. F., Co.
York Heating & Ventilating Corp.

Fan
American Blower Corp.
Bayley Blower Co.
Bishop & Babcock Sales Co., The
Buckeye Blower Co., The
Buffalo Forge Co.
Clarage Fan Co.
Combustion Specialties Corp.
De Bothezat Impeller Co.
Garden City Fan Co.
General Electric Co.
Hirschman, W. F., Co., Inc.
Ilg Electric Ventilating Co.
Johnson Fan & Blower Co.
Langenberg Mfg. Co.
Nash Engineering Co.
Nesbitt, John J., Inc.
New York Blower Co.
Niagara Blower Co.
Skinner Bros. Mfg. Co., Inc.
Sturtevant, B. F., Co.
Wing, L. J., Mfg. Co.
York Heating & Ventilating Corp.

Forced Draft
American Blower Corp.
Bayley Blower Co.
Buffalo Forge Co.
Clarage Fan Co.
Combustion Specialties Corp.
De Bothezat Impeller Co.
Garden City Fan Co.
Ilg Electric Ventilating Co.
Sturtevant, B. F., Co.
Wing, L. J., Mfg. Co.

Pressure
American Blower Corp.
Bayley Blower Co.
Buffalo Forge Co.
Clarage Fan Co.
Combustion Specialties Corp.
De Bothezat Impeller Co.
Garden City Fan Co.
Ilg Electric Ventilating Co.
Johnson Fan & Blower Co.
Nash Engineering Co.
New York Blower Co.
Sturtevant, B. F., Co.
Wing, L. J., Mfg. Co.

Catalogue Data of Manufacturers listed can be located by referring to pages 841 to 844