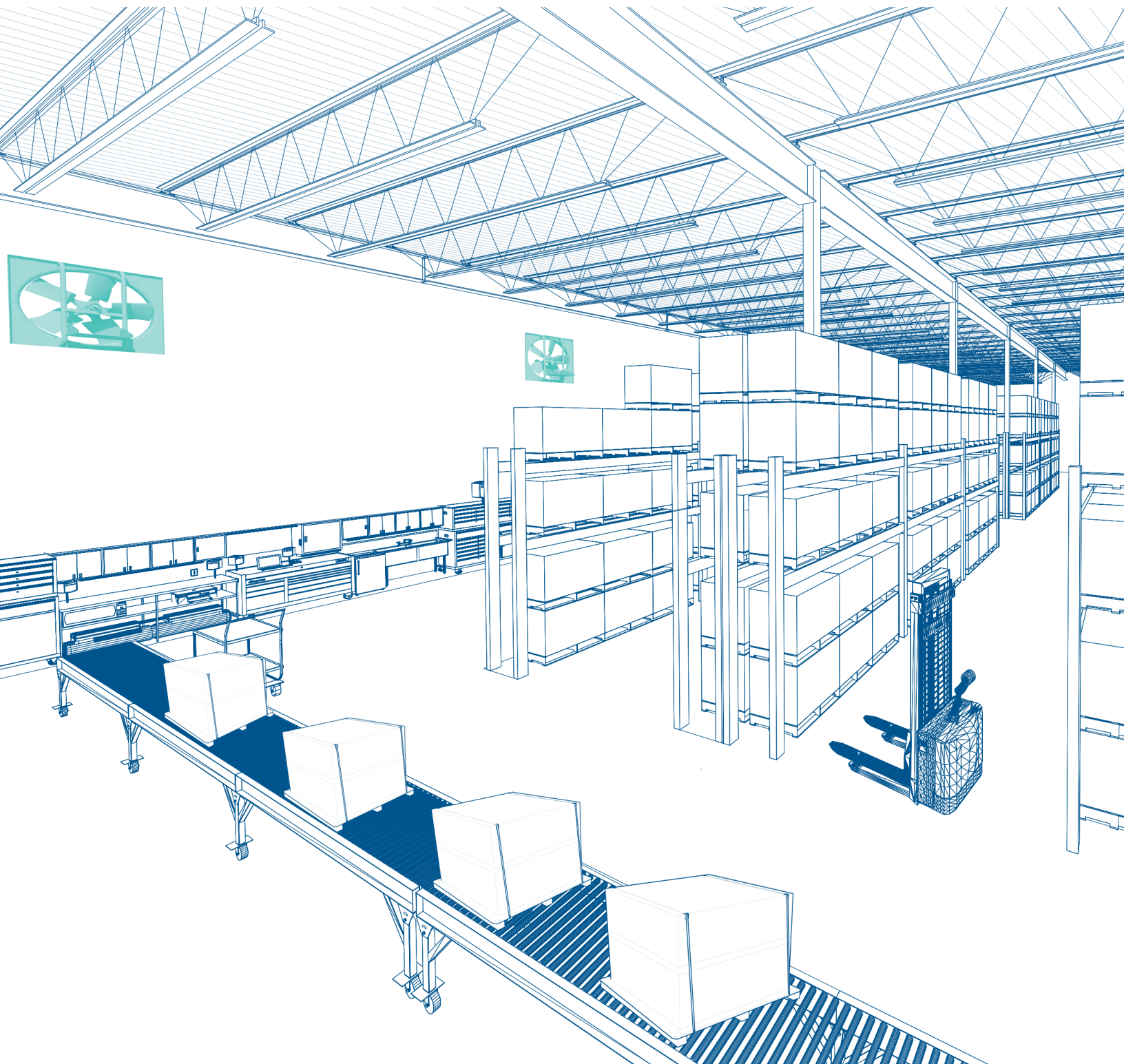


1SDE Series

Standard Duty Exhaust Fans



1SDE Series

Standard Duty Exhaust Wall Fans



Fantech, Inc. certifies that the Axial Exhaust Fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Standard duty belt drive exhaust wall fans are designed to move large volumes of air quickly at relatively low static pressures. They are ideal for light to medium duty applications such as warehouses, factories, parking garages, greenhouses, barns, mechanical rooms, gymnasiums, laundries and boiler rooms.



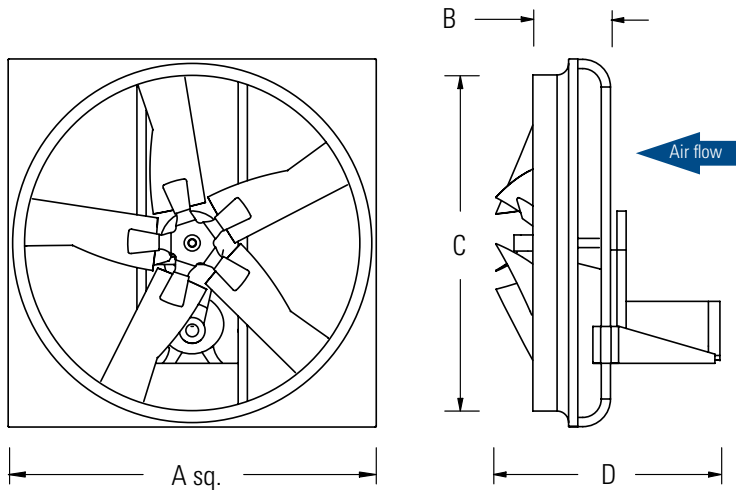
- Vertical/horizontal mounting options
- Adjustable motor mount and variable motor sheave permits easy RPM/CFM adjustment
- Rolled venturi for maximum air performance
- Final assembly is on-site (motor and drive pack shipped loose)
- See the motor/drive installation video on our YouTube channel [fantechusa](#)

Specification data

Model	Rated power	RPM	Max BHP	0.0" P _s	0.125" P _s	0.25" P _s	0.375" P _s	Sones [†] @ 0.125" P _s	Shipping weight	Motor type	UPC Kit #	Motor type	UPC Kit #
	HP			cfm					lbs	115 / 208-230, 1~		208-230 / 460, 3~	
1SDE 24	1/4	650	0.32	5120	4195	2160	-	12.7	37	BB	45525 5	-	-
	1/3	710	0.44	5595	4775	2830	1650	13.6	37	CB	45526 2	-	-
	1/2	835	0.66	6580	5910	4970	3100	16.7	37	DB	45527 9	DX	45549 1
	3/4	945	0.93	7445	6870	6200	4800	19.2	37	EB	45528 6	EX	45550 7
1SDE 30	1/4	470	0.27	6895	4950	-	-	14.1	44	BB	45529 3	-	-
	1/3	500	0.35	7335	5605	2320	-	14.3	44	CB	45530 9	-	-
	1/2	585	0.52	8585	7305	4750	-	16.1	44	DB	45531 6	DX	45551 4
	3/4	670	0.80	9830	8805	7120	4130	17.7	44	EB	45532 3	EX	45552 1
	1	720	0.96	10565	9615	8205	5945	19.5	44	FB	45533 0	FX	45553 8
1SDE 36	1/3	415	0.38	10160	7590	-	-	14.1	54	CB	45534 7	-	-
	1/2	485	0.62	11875	9915	5045	-	18.1	54	DB	45535 4	DX	45554 5
	3/4	540	0.88	13220	11490	8565	4215	22.0	54	EB	45536 1	EX	45555 2
	1	605	1.20	14815	13300	11415	6600	26.0	54	FB	45537 8	FX	45556 9
	1 1/2	660	1.53	16160	14805	13215	10400	30.0	54	GB	45538 5	GX	45557 6
1SDE 42	1/2	380	0.57	14515	11040	-	-	15.4	66	DB	45539 2	DX	45558 3
	3/4	430	0.79	16425	13670	6645	-	18.9	66	EB	45540 8	EX	45559 0
	1	460	1.04	17570	15045	8350	4855	21.0	66	FB	45541 5	FX	45560 6
	1 1/2	535	1.51	20435	18345	15480	8530	27.0	66	GB	45542 2	GX	45561 3
1SDE 48	1/2	315	0.49	17060	10790	-	-	15.3	80	DB	45543 9	DX	45562 0
	3/4	370	0.83	20040	15900	6450	-	21.0	80	EB	45544 6	EX	45563 7
	1	400	1.16	21665	18120	8860	3465	23.0	80	FB	45545 3	FX	45564 4
	1 1/2	450	1.50	24375	21345	15700	7640	28.0	80	GB	45546 0	GX	45565 1
	2	470	1.67	25455	22575	17615	9275	30.0	80	-	-	HX	45547 7
	3	500	3.58	29559	27362	24916	21812	25.0	80	-	-	JX	45548 4

[†]The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A, hemispherical sone levels. All motors are 60Hz. Performance certified is for installation type A: Free Inlet, Free Outlet. Speed (RPM) shown is nominal. Power rating (BHP) does not include drive losses. Performance ratings do not include the effects of appurtenances in the airstream.

Dimensions



Model	A	B	C	D	Venturi gauge	Shaft Dia
1SDE 24	28	7 1/8	24 3/8	23 1/4	18	7/8
1SDE 30	34	8 3/4	30 1/2	24 1/4	18	7/8
1SDE 36	40	8 7/16	36 1/2	26 1/4	18	7/8
1SDE 42	46	9 1/16	42 3/4	29 1/4	18	7/8
1SDE 48	54	9 3/4	48 3/4	32 1/8	18	7/8

Dimensional information is in inches.

Accessories

1ACC..MD

Motorized Damper

Manufactured from 14-gauge galvanized steel frame 2" deep with 1" flange. Damper is equipped with a motor to open and a spring return to close. Max velocity is 3500 FPM. 120/240V, 0.19/0.11A, 60 Hz.



Specification Data

Model	Fan Size	Shipping weight, lbs	UPC #
1ACC24MD	24	29	47011 1
1ACC30MD	30	39	47016 6
1ACC36MD	36	51	47021 0
1ACC42MD	42	67	47026 5
1ACC48MD	48	83	47031 9

1ACC..SG

Intake Guards

Manufactured from 20-gauge galvanized steel frame (except 48SG - 18-gauge). Screens are hinged and removeable for easy access. These guards comply with OSHA regulations. Shipped knocked down with assembly hardware included.



Specification Data

Model	Fan Size	Shipping weight, lbs	UPC #
1ACC24SG	24	35	47012 8
1ACC30SG	30	39	47017 3
1ACC36SG	36	61	47022 7
1ACC42SG	42	61	47027 2
1ACC48SG	48	120	47032 6

1ACC..WC

Wall Collar

An easy way to install vertically mounted supply and exhaust fans. An internal flange is provided for shutter mounting. The external flange provides a flashing for the wall opening. Galvanized steel construction.



Specification Data

Model	Fan Size	Shipping weight, lbs	UPC #
1ACC24WC	24	53	47013 4
1ACC30WC	30	77	47018 0
1ACC36WC	36	88	47023 4
1ACC42WC	42	97	47028 9
1ACC48WC	48	123	47033 3

1ACC..WD

Wall Damper

Single panel exhaust shutter manufactured from 19-gauge galvanized steel frame 3" deep with 1 5/8" flange. For quiet operation aluminum blades have felt edges. Models 42WD and 48WD are double panel.



Specification Data

Model	Fan Size	Recommended Wall Opening	Flange, inch	Shipping weight, lbs	UPC #
1ACC24WD	24	25 x 25	27 x 27	9	47014 2
1ACC30WD	30	31 x 31	33 x 33	17	47019 7
1ACC36WD	36	37 x 37	39 x 39	22	47024 1
1ACC42WD	42	43 x 43	45 x 45	26	47029 6
1ACC48WD	48	49 x 49	51 x 51	31	47029 0

1ACC..WH

Weatherhood

Shield fan and damper opening in walls from rain and snow. Sized to easily mount to wall collar. Galvanized steel construction. A bird screen is included. Weatherhoods are shipped unassembled with assembly hardware included.



Specification Data

Model	Fan Size	Recommended Wall Opening	Flange, inch	Shipping weight, lbs	UPC #
1ACC24WH	24	13 x 13	15 x 15	31	47015 9
1ACC30WH	30	17 x 17	19 x 19	44	47020 3
1ACC36WH	36	19 x 19	21 x 21	58	47025 8
1ACC42WH	42	21 x 21	23 x 23	74	47030 2
1ACC48WH	48	25 x 25	27 x 27	97	47035 7

**Customer Support:**

800.747.1762 • support@fantech.net



Scan this code to watch the Installation
Video on the YouTube channel **fantechusa**

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