

Direct Drive Propeller Fans

12" to 24" Medium and Heavy Duty Exhaust Fans

Medium and heavy duty exhaust fans are designed for general ventilation in dusty, dirty and grease- or moisture-laden environments.

Features and Specifications

- Wire guards and venturi panels have baked-on gray polyester finish to help resist corrosion
- Automatic shutter is optional

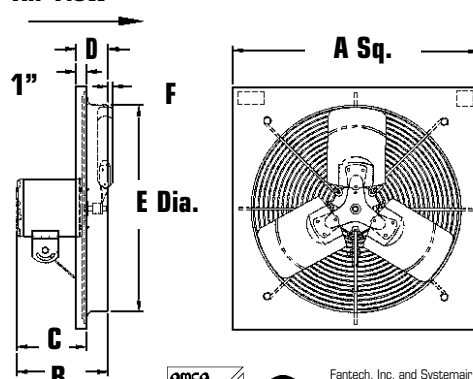
- Totally enclosed, sleeve bearing, 115V 60 Hz motor

Accessories (available separately)

- For more information, see Wall Fan Accessories



Air Flow



Fantech, Inc. and Systemair Mfg. Inc. certify that the 12" to 24" Medium and Heavy Duty 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.

Medium Duty Exhaust Fans

Model No.	Prop. Dia. (In.)	Panel Size (In.)	A Sq.	B	Dimensions (In.)				HP	Nominal RPM	Oper. Amps	Sones @ 5 Ft. 0.125" SP	CFM at SP Shown				Ship Wt. (lbs.)	Speed Controller Model No.
					C	D	E	F					0.0" SP	0.125" SP	0.250" SP	0.375" SP		
SPEED CONTROLLABLE																		
2VLD1221	12	16x16	16	5 3/16	3 11/16	2 1/2	12 3/8	3/4	1/30	1550	1.4	7.8	845	665	315	—	11	5ACC03SC
2VLD1661	16	20x20	20	6 3/16	4 7/16	2 3/4	16 7/16	9/16	1/20	1520	1.6	13.6	1170	885	560	—	17	5ACC03SC
2VLD18B1	18	22x22	22	8	6 1/16	2 15/16	18 7/16	1 1/2	1/4	1150	3.9	10.4	2500	2130	1590	1025	28	5ACC06SC
2VLD20B1	20	24x24	24	9 5/8	7 1/2	3 3/16	20 1/2	11/16	1/4	1165	4.9	12.5	3440	2995	2310	1450	32	5ACC06SC
2VLD24B1	24	28x28	28	8 1/2	6	3 5/8	24 3/8	1/2	1/4	1150	4.1	12.8	3455	2985	2410	1580	35	5ACC06SC
SINGLE SPEED																		
2VLD18B1G	18	22x22	22	8 1/2	6	2 15/16	18 7/16	1	1/4	1150	4.5	16.0	3075	2850	2605	2320	28	—
2VLD20B1G	20	24x24	24	10 1/2	8 1/4	3 3/16	20 1/2	1 1/4	1/4	1730	4.5	16.3	3155	2840	2480	1990	30	—
2VLD24C1G	24	28x28	28	9	6 1/2	3 5/8	24 3/8	7/8	1/3	1120	5.3	13.7	4435	3945	3400	2505	37	—

Heavy Duty Exhaust Fans

Model No.	Prop. Dia. (In.)	Panel Size (In.)	A Sq.	Dimensions (In.)			HP	Nominal RPM	Oper. Amps	Watts	Sones @ 5 Ft. 0.125" SP	CFM at SP Shown					Ship Wt (lbs.)
				B	C	D						0.0" SP	0.125" SP	0.250" SP	0.375" SP	0.500" SP	
2VHD12B1	12	16 x 16	16	10 1/8	2 1/2	12 3/8	1/4	1775	3.4	206	10.1	1190	1055	870	685	505	23
2VHD16B1	16	20 x 20	20	10 1/4	2 3/4	16 7/16	1/4	1735	4.4	354	16.5	2640	2370	2020	1460	1190	26
2VHD18B1	18	22 x 22	22	10 1/8	2 15/16	18 7/16	1/4	1740	4.3	321	17.4	2840	2490	2085	1622	1295	29
2VHD20B1W	20	24 x 24	24	10 3/8	3 3/16	20 1/2	1/4	1745	4.3	367	22	2970	2565	2110	1690	1335	31
2VHD20B1Y	20	24 x 24	24	10 3/8	3 3/16	20 1/2	1/3	1725	4.5	418	24	3510	3030	2535	2120	1735	34
2VHD20D1	20	24 x 24	24	10 3/4	3 3/16	20 1/2	1/2	1705	5.9	520	22	4245	3665	3085	2635	2135	40
2VHD24C1	24	28 x 28	28	10 3/4	3 5/8	24 3/8	1/3	1745	4.3	366	29	3849	3286	2746	2180	1630	41
2VHD24D1	24	28 x 28	28	11 1/4	3 5/8	24 3/8	1/2	1690	6.6	675	32	5545	4895	4219	3583	2827	45

(*) Performance certified is for installation type A: Free Inlet, Free Outlet. Speed (RPM) shown is nominal. Performance is based on actual speed of test. Performance ratings include the effects of shutter and guard.

(**) The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A, hemispherical sone levels.