

Jiangmen Keye Electric Appliances Manufacturing Co., Ltd.

Professional Manufacturer of Propeller Fan

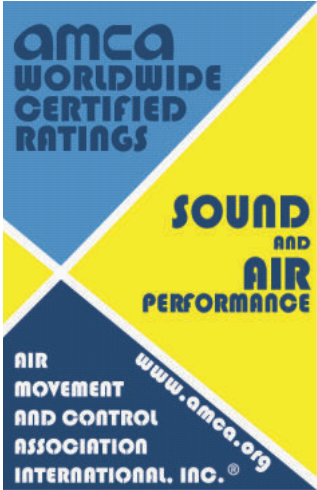


Catalog ID KYPF1606

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Jiangmen Keye Electric Appliances MFG. Co. Ltd

1 Propeller Fan



Jiangmen Keye Electric Appliances Manufacturing Co.Ltd certifies that the Propeller 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.

Typical Installations

- Factories
- Warehouses

Propeller Benefits

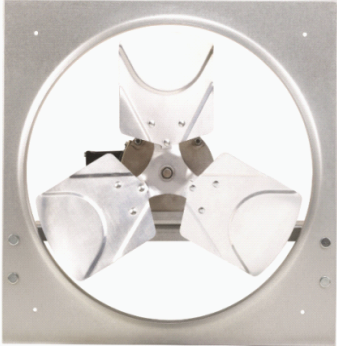
- Exhaust or supply arrangements
- aluminum propellers
- Drive frames and panels are constructed to match different motor size
- Three types fans; exhaust, quiet-design and reversible
- direct drive models
- Multiple blade designs for low sound and optimum efficiency

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A wide variety of Applications Propeller Fans

are offered with ten types of propellers



“A Series”

- Designed for Reversible Direct Drive Exhaust/Supply application
- Constructed of standard al aluminum blades and mounted to a steel hub



“B series”

- Designed for commercial and industrial direct drive applications.
- Constructed of standard aluminum blades and mounted to a steel hub.



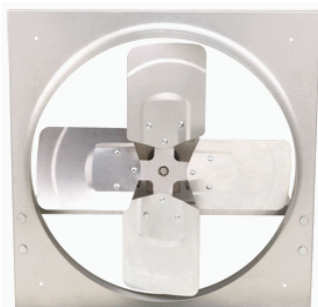
“ C Deries”

- Designed for commercial and industrial direct drive applications. Also for Quiet-Design Direct Drive
- Constructed of standard aluminum blades and mounted to a steel hub.

“D Series”

- Designed for commercial and industrial direct drive applications. Also for Quiet-Design Direct Drive Venturi Exhaust.

Constructed of standard aluminum blades and mounted to a steel hub.



3 Propeller Fan



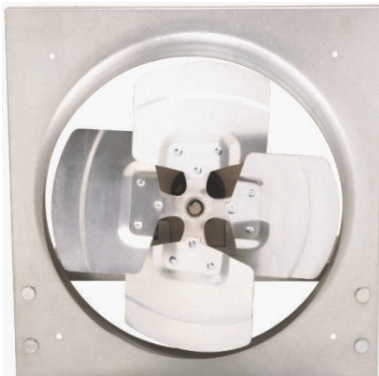
“E Series”

- Designed for commercial and industrial direct drive applications.
- Constructed of standard aluminum blades and mounted to steel hub.



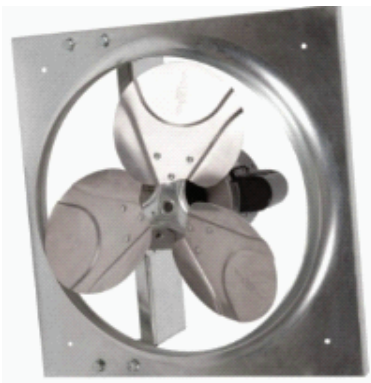
“ J Series”

- Designed for commercial and industrial direct drive applications.
- Constructed of 5 standard aluminum blades and mounted to a steel hub.



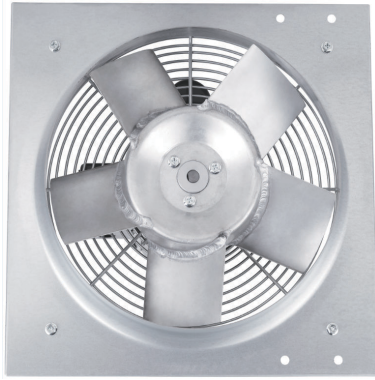
“ M Series”

- Designed for commercial and industrial direct drive applications.
- Constructed of standard of aluminum blades and mounted to a steel hub.



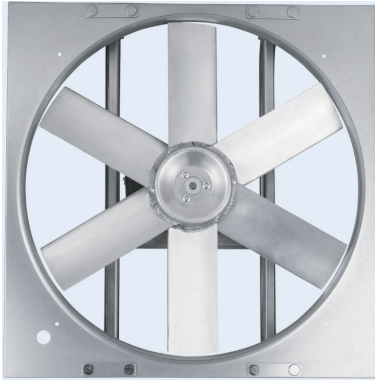
“L Series”

- Designed for Reversible Direct Drive Exhaust/Supply applications.
- Constructed of standard aluminum blades and mounted to a steel hub.



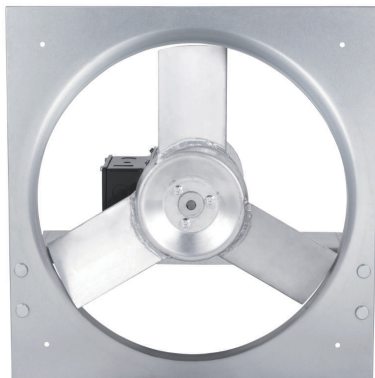
“F series”

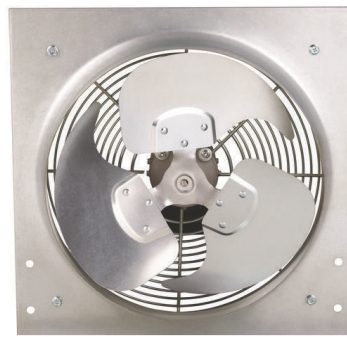
- Designed for industrial direct drive applications.
- Constructed of standard aluminum blades and mounted to a steel hub.



“I series”

- Designed for industrial direct drive applications.
- Constructed of standard aluminum blades and mounted to a steel hub.





Series	Model	Blade size (inch)	Motor HP	Motor RPM	Voltage (V)	Frequency (Hz)	Max. Motor input Power (w)	Sones @ 0.000" SP @ 5 ft.**	CFM @ Static Pressure Shown*					Propeller Series	Inlet Guards
									0.000"	0.125"	0.250"	0.375"	0.500"		
Commercial Direct Drive	SFU1-200J1B	8	1/30	1775	115	60	66	6.8	466	329	170	117	-	J	√
	SFU1-250J1B	10	1/30	1669	115	60	90	9.4	752	641	431	297	-	J	√
	SFU1-300C1B	12	1/30	1664	115	60	100.4	6	912	753	541	-	-	C	√
	SFU4-300M0B	12	1/4	1730	115/230	60	327	16.4	1589	1419	1150	765	-	M	×
	SFU2-350E1B	14	1/20	1720	115	60	115	9.4	1152	958	652	461	-	E	√
	SFU2-400E1B	16	1/20	1680	115	60	138	10.2	1334	1045	704	490	-	E	√
	SFU4-400E0B	16	1/4	1620	115/230	60	518	18.4	2548	2329	2048	1800	-	E	×
	SFU5-450B1B	18	1/4	1155	115	60	331	15.5	2652	2316	1837	1029	-	B	√
	SFU7-450B1B	18	1/3	1705	115	60	473	17.5	3085	2880	2610	2306	-	B	√
	SFU7-450B0B	18	1/3	1755	115/230	60	686	20	3498	3350	3138	2841	-	B	×
	SFU17-450B0B	18	1/3	1700	230/460	60	608	18.7	3477	3244	2968	2608	-	B	×
	SFU5-500B2B	20	1/4	1174	115	60	458.1	15.3	3647	3280	2629	1781	-	B	√
	SFU6-500B0B	20	1/4	1172	115/230	60	522	19.8	4240	3774	3223	2438	-	B	×
	SFU9-500M0B	20	1/3	1145	115/230	60	945	18	4495	4134	3562	2926	-	M	×
	SFU18-500M0B	20	1/2	1125	230/460	60	767	14.9	4452	4134	3731	2926	-	M	×
	SFU5-600D2B	24	1/2	1120	115	60	508.1	17.2	4240	3638	2919	2102	-	D	√
	SFU6-600D2B	24	1/4	1170	115/230	60	619	16.6	4770	4198	3498	2764	-	D	√
	SFU6-600M0B	24	1/3	1100	115	60	664	18	5216	4622	3604	2968	-	M	×
	SFU9-600M0B	24	1/3	1076	115	60	880	19.1	5300	4791	4198	3286	-	M	×
	SFU18-600M0B	24	1/2	1125	230/460	60	865	14.3	5088	4622	4028	3329	-	M	×
SFU12-750D0B	30	3/4	1112	115/230	60	1193	22	9859	9223	8162	6996	-	D	×	
SFU19-750D0B	30	3/4	1155	230/460	60	1603	23	9541	8799	7887	6678	-	D	×	

“ Performance certified is for installation type A- Free inlet, Free outlet.”

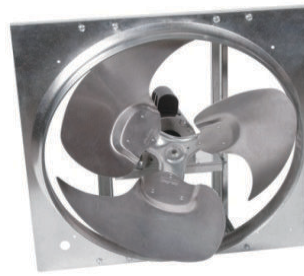
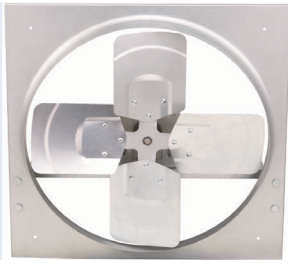
“ Speed (RPM) shown is nominal. Performance is based on actual speed of test.”

“ Performance ratings do not include the effects of appurtenances(accessories).” For those model without inlet guard.

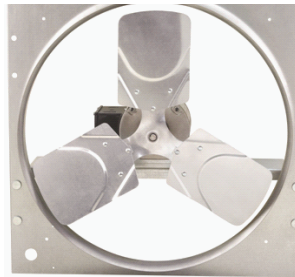
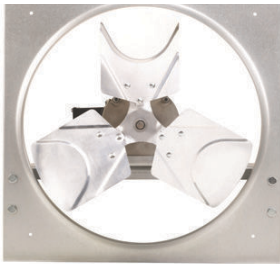
“ Performance ratings include the effects of inlet guard.” For those model installed with inlet guard.

“The sound ratings shown are loudness values in fan sones at 1.5m(5 ft) in a hemispherical free field calculated per AMCA International Standard 301.”

Values shown are for Installation Type A: free inlet hemispherical sone levels.”



Series	Model	Blade size (inch)	Motor HP	Motor RPM	Voltage (V)	Frequency (Hz)	Max.Motor input Power (w)	Sones @ 0.000" SP @ 5 ft.**	CFM @ Static Pressure Shown*					Propeller Series	Inlet Guards
									0.000"	0.125"	0.250"	0.375"	0.500*		
Direct Drive Quiet-Design	SFU4-300C0B	12	1/4	1742	115/230	60	206	11.2	1286	1145	962	669	-	C	×
	SFU4-400L0B	16	1/4	1780	115/230	60	556.4	18.5	2544	2226	1929	1484	-	L	×
	SFU16-400L0B	16	1/4	1737	230/460	60	509	15.8	2459	2226	1929	1484	-	L	×
	SFU7-450D0B	18	1/3	1657	115/230	60	557.8	22	3032	2841	2587	2332	-	D	×
	SFU17-450D0B	18	1/3	1590	230/460	60	545.8	22	3072	2860	2527	2223	-	D	×
	SFU12-600C0B	24	3/4	1122	115/230	60	1155	16.8	6208	5780	5300	4780	-	C	×
	SFU9-600C0B	24	1/2	1105	115/230	60	857	21	5658	5236	4740	4295	-	C	×
	SFU19-600C0B	24	3/4	1100	230/460	60	2048	22	6424	6042	5640	5258	-	C	×
	SFU19-750C0B	30	3/4	1140	230/460	60	1536	24	9371	8671	7993	7336	-	C	×



Series	Model	Blade size (inch)	Motor HP	Motor RPM	Voltage (V)	Frequency (Hz)	Max.Motor input power	Sones @ 0.000" SP @ 5 ft.**	CFM @ Static Pressure Shown*					Propeller Series	Inlet Guards
									Exhaust / Supply						
									Exhaust /Supply	Exhaust /Supply	0.000"	0.125"	0.250"		
Direct Drive Reversible	SFU4-300L0B	12	1/4	1755/ 1748	115/ 230	60	313/ 290	16.2/ 14.6	1526/ 1470	1361/ 1343	1178/ 1033	636/ 742	-	L	×
	SFU4-400A0B	16	1/4	1750/ 1741	115/ 230	60	361/ 369	14.8/ 19.7	2027/ 1811	1775/ 1625	1370/ 1340	995/ 940	-	A	×
	SFU16-400A0B	16	1/4	1750/ 1742	230/ 460	60	445/ 447	13.2/ 18.7	2226/ 1926	1993/ 1739	1654/ 1420	1181/ 1081	-	A	×
	SFU7-400A0B	16	1/3	1727/ 1725	115/ 230	60	584/ 572	18.6/ 23	2737/ 2410	2493/ 2268	2190/ 2035	1616/ 1560	-	A	×
	SFU17-400A0B	16	1/3	1722/ 1713	230/ 460	60	671/ 661	19.2/ 16.3	2587/ 2512	2438/ 2430	2226/ 2210	1781/ 1705	-	A	×
	SFU7-450A0B	18	1/3	1748/ 1740	115/ 230	60	749/ 663	21/ 19	3447/ 2960	3223/ 2862	2926/ 2739	2650/ 2490	-	A	×
	SFU17-450A0B	18	1/3	1722/ 1713	230/ 460	60	880/ 903	19.8/ 30	3647/ 3138	3350/ 2989	3032/ 2820	2544/ 2578	-	A	×
	SFU7-500A0B	20	1/3	1750/ 1740	115/ 230	60	723/ 704	19.4/ 24	3859/ 3471	3477/ 3180	3180/ 2989	2756/ 2671	-	A	×
	SFU17-500A0B	20	1/3	1694/ 1695	230/ 460	60	868/ 868	21/ 25	3858/ 3477	3485/ 3190	3145/ 2955	2677/ 2570	-	A	×
	SFU9-600A0B	24	1/2	1160/ 1149	115/ 230	60	856/ 862	18.2/ 22	5352/ 4516	4742/ 4071	3986/ 3604	2620/ 2703	-	A	×
	SFU18-600A0B	24	1/2	1122/ 1110	230/ 460	60	856/ 892	16.2/ 20	5025/ 4261	4473/ 3816	3731/ 3392	2540/ 2332	-	A	×
	SFU16-300L0B	12	1/4	1750/ 1744	230/ 460	60	333/ 305	15.1/ 15.1	1524/ 1463	1353/ 1378	1145/ 1230	729/ 886	-	L	×

“ Performance certified is for installation type A- Free inlet, Free outlet.”

“ Speed (RPM) shown is nominal. Performance is based on actual speed of test.”

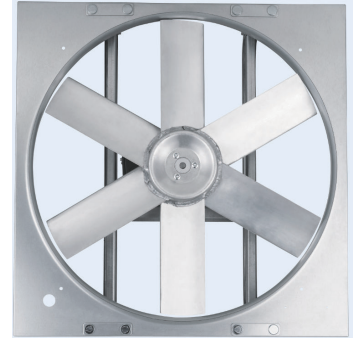
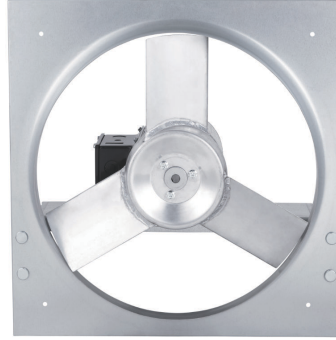
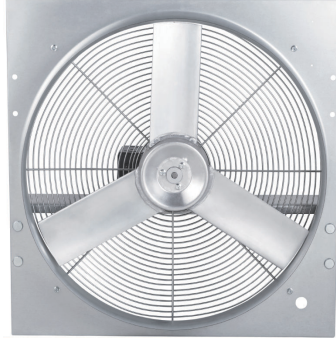
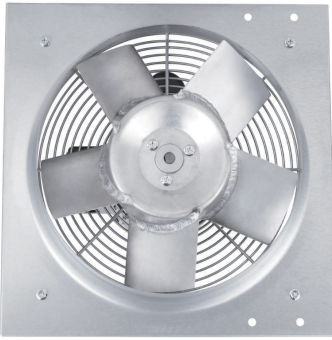
“ Performance ratings do not include the effects of appurtenances(accessories).”

“The sound ratings shown are loudness values in fan sones at 1.5m(5 ft) in a hemispherical free field calculated per AMCA International Standard 301.”

Values shown are for Installation Type A: free inlet hemispherical sone levels.” For exhaust.

“The sound ratings shown are loudness values in fan sones at a distance of 1.5m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation Type A: free outlet hemispherical sone levels.” For supply.



Series	Model	Blade size (inch)	Motor HP	Motor RPM	Voltage (v)	Frequency (Hz)	Max.Motor input power (w)	Sones @ 0.000" SP @ 5 ft.**	CFM @ Static Pressure Shown*					Propeller Series	Inlet Guards
									0.000"	0.125"	0.250"	0.375"	0.500"		
Industrial Direct Drive	SFU4-300F1B	12	1/4	1755	115/230	60	236	11.7	1450	1346	1219	1049	555	F	✓
	SFU4-400I1B	16	1/4	1700	115/230	60	522	16.8	2883	2650	2417	2120	1739	I	✓
	SFU4-450I1B	18	1/4	1715	115/230	60	411	18.8	3201	2947	2650	2311	1717	I	✓
	SFU4-500I2B	20	1/4	1720	115/230	60	315	17.4	3456	3074	2693	2205	1569	I	✓
	SFU7-500I2B	20	1/3	1677	115/230	60	471	20	4134	3710	3329	2883	2163	I	✓
	SFU13-500I2B	20	3/4	1711	115/230	60	648	22	4558	4155	3753	3329	2650	I	✓
	SFU7-600I2B	24	1/3	1685	115/230	60	372	23	4473	3943	3392	2799	2014	I	✓
	SFU9-600F2B	24	1/2	1105	115/230	60	786	21	6254	5767	5216	4558	3223	F	✓
	SFU4-400I0B	16	1/4	1725	115/230	60	409	19.7	2883	2650	2375	2099	1484	I	×
	SFU16-400I0B	16	1/4	1719	208-230/460	60	456	17.9	2926	2693	2417	2184	1739	I	×
	SFU7-450I0B	18	1/3	1676	115/230	60	513	22	3604	3307	2989	2587	2035	I	×
	SFU17-450I0B	18	1/3	1710	208-230/460	60	509	20	3689	3413	3138	2799	2311	I	×
	SFU13-500I0B	20	3/4	1715	115/230	60	671	23	4855	4537	4198	3710	3180	I	×
	SFU20-500I0B	20	3/4	1740	208-230/460	60	622	21	4601	4283	3922	3477	2947	I	×
	SFU9-600F0B	24	1/2	1110	115/230	60	778	22	6404	5958	5491	4791	3922	F	×
	SFU13-600I0B	24	3/4	1574	115/230	60	899	29	7654	7081	6466	5724	4982	I	×
	SFU20-600I0B	24	3/4	1700	208-230/460	60	799	28	7102	6657	6170	5618	5025	I	×
	SFU12-750F0B	30	3/4	1100	115/230	60	941	27	9095	8353	7463	6466	5300	F	×
SFU19-750F0B	30	3/4	1120	208-230/460	60	944	26	9117	8481	7675	6678	5512	F	×	
SFU19-900I0B	36	3/4	1120	208-230/460	60	947	29	12742	11237	9435	7420	5088	I	×	

“ Performance certified is for installation type A- Free inlet, Free outlet.”

“ Speed (RPM) shown is nominal. Performance is based on actual speed of test.”

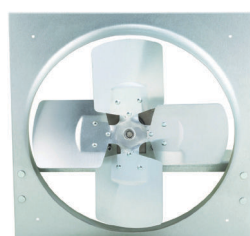
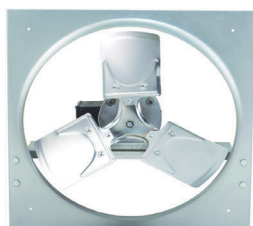
“ Performance ratings do not include the effects of appurtenances(accessories).” For those model without inlet guard.

“ Performance ratings include the effects of inlet guard.” For those model installed with inlet guard.

“The sound ratings shown are loudness values in fan sones at 1.5m(5 ft) in a hemispherical free field calculated per AMCA International Standard 301.”

Values shown are for Installation Type A: free inlet hemispherical sone levels.”

Commercial Direct-Drive Exhaust Fans



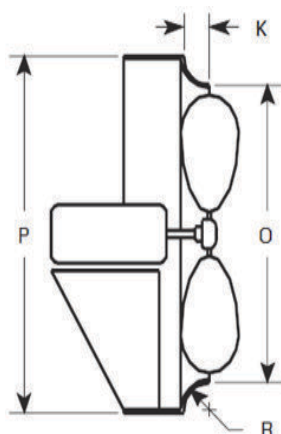
- Mount horizontal With Intake Guards, vertical or horizontal Without Intake Guards
- Motors: totally enclosed air over, with Class B insulation
- Max. ambient temp: 104 °F
- Aluminum propellers
- Optional speed control

COMMERCIAL UNITS

Quietly exhaust high volumes of air. Great for ventilating schools, offices, storage facilities, and light manufacturing and assembly areas.



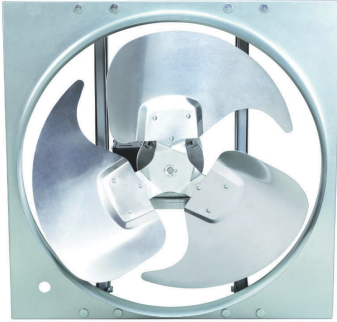
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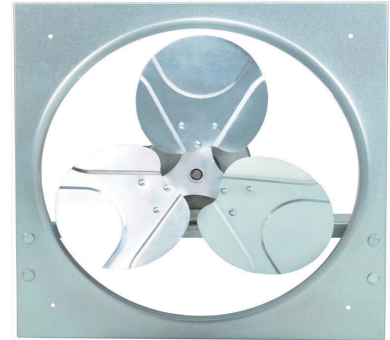
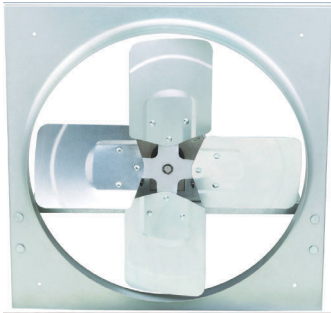
- O Orifice Diameter
- K Orifice Depth
- R Orifice Radius
- P Panel or Ring Size

blade size(inches)	O	K	R	P
8	$\phi 209.5 \pm 1$	45	27	305
10	$\phi 260 \pm 1$	50	27	353
12	$\phi 315 \begin{smallmatrix} +5 \\ 0 \end{smallmatrix}$	65	30	405
14	$\phi 362 \pm 1$	65.5	27	455.5
16	$\phi 416 \pm 1$	69.5	27	455.5
18	$\phi 473 \begin{smallmatrix} +5 \\ 0 \end{smallmatrix}$	64.5	27	558
20	$\phi 524 \begin{smallmatrix} +5 \\ 0 \end{smallmatrix}$	80.5	27	608
24	$\phi 625 \begin{smallmatrix} +5 \\ 0 \end{smallmatrix}$	82.5	27.5	710
30	$\phi 775 \begin{smallmatrix} +5 \\ 0 \end{smallmatrix}$	107	30	862

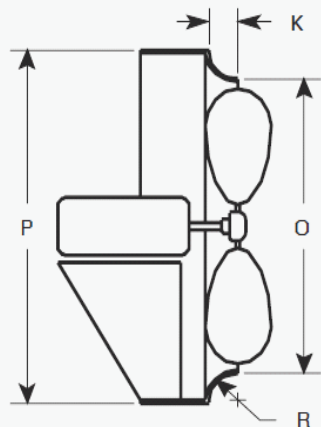
Quiet Design Direct Drive Exhaust Fan



- Mount: vertical or horizontal
- Motors: totally enclosed air over, with Class B insulation
- Ball bearings
- 60 Hz
- Max. ambient temp: 104 °F
- Aluminum propellers
UL and C-UL listed



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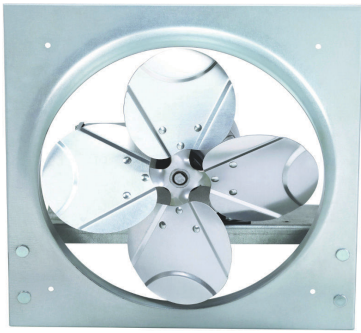


- O Orifice Diameter
- K Orifice Depth
- R Orifice Radius
- P Panel or Ring Size

Direct Drive Quiet - Design

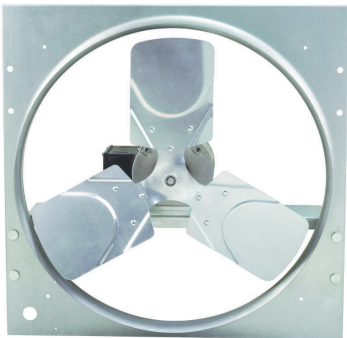
Blade size (inches)	O	K	R	P
12	$\varphi 315^{+5}_0$	65	30	405
16	$\varphi 416 \pm 1$	69.5	27	506.5
18	$\varphi 473^{+5}_0$	64.5	27	558
20	$\varphi 524^{+5}_0$	80.5	27	608
24	$\varphi 625^{+5}_0$	82.5	27.5	710
30	$\varphi 775^{+5}_0$	107	30	862

Reversible Direct Drive Exhaust / Supply Fans

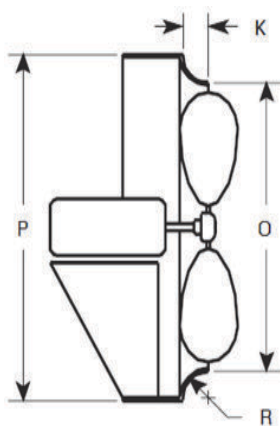


- Mount: vertical or horizontal
- Motors: totally enclosed air over, with Class B insulation
- Ball bearings
- 1 speed, 60 Hz
- Max. inlet/ ambient temp: 104 °F

Versatile fans have reversing switch to quickly exhaust or supply air in demanding ventilating applications. UL and C-UL Listed.



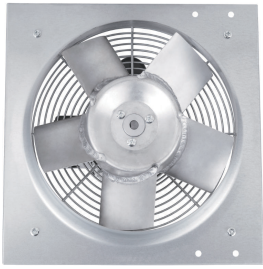
Jiangmen Keye Electric Appliances Manufacturing Co. Ltd certifies that the Propeller Fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



- O Orifice Diameter
- K Orifice Depth
- R Orifice Radius
- P Panel or Ring Size

Direct Drive Reversible				
Blade size (inches)	O	K	R	P
12	$\phi 315 \begin{smallmatrix} +5 \\ 0 \end{smallmatrix}$	65	30	405
16	$\phi 416 \pm 1$	69.5	27	506.5
18	$\phi 473 \begin{smallmatrix} +5 \\ 0 \end{smallmatrix}$	64.5	27	558
20	$\phi 524 \begin{smallmatrix} +5 \\ 0 \end{smallmatrix}$	80.5	27	608
24	$\phi 625 \begin{smallmatrix} +5 \\ 0 \end{smallmatrix}$	82.5	27.5	710

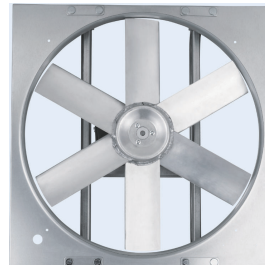
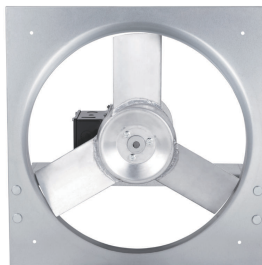
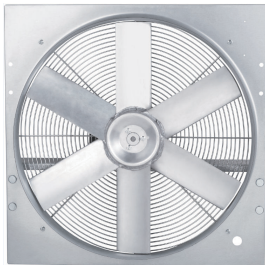
Industrial Direct-Drive Exhaust Fans



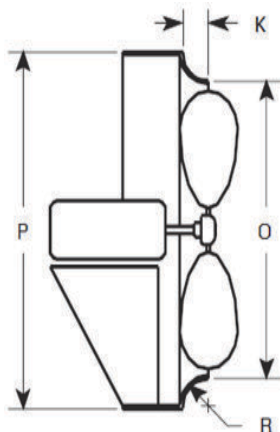
- Mount horizontal With Intake Guards, vertical or horizontal Without Intake Guards
- Motors: totally enclosed air over, with Class B insulation
- Max. ambient temp: 104 °F
- Aluminum propellers
- Optional speed control

INDUSTRIAL UNITS

Quietly exhaust high volumes of air. Great for ventilating schools, offices, storage facilities, and light manufacturing and assembly areas.



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- O Orifice Diameter
- K Orifice Depth
- R Orifice Radius
- P Panel or Ring Size

blade size(inches)	O	K	R	P
12	$\phi 315 \begin{smallmatrix} +5 \\ 0 \end{smallmatrix}$	65	30	405
16	$\phi 416 \pm 1$	69.5	27	455.5
18	$\phi 473 \begin{smallmatrix} +5 \\ 0 \end{smallmatrix}$	64.5	27	558
20	$\phi 524 \begin{smallmatrix} +5 \\ 0 \end{smallmatrix}$	80.5	27	608
24	$\phi 625 \begin{smallmatrix} +5 \\ 0 \end{smallmatrix}$	82.5	27.5	710
30	$\phi 775 \begin{smallmatrix} +5 \\ 0 \end{smallmatrix}$	107	30	862
36	$\phi 930 \begin{smallmatrix} +5 \\ 0 \end{smallmatrix}$	122.5	30	1017