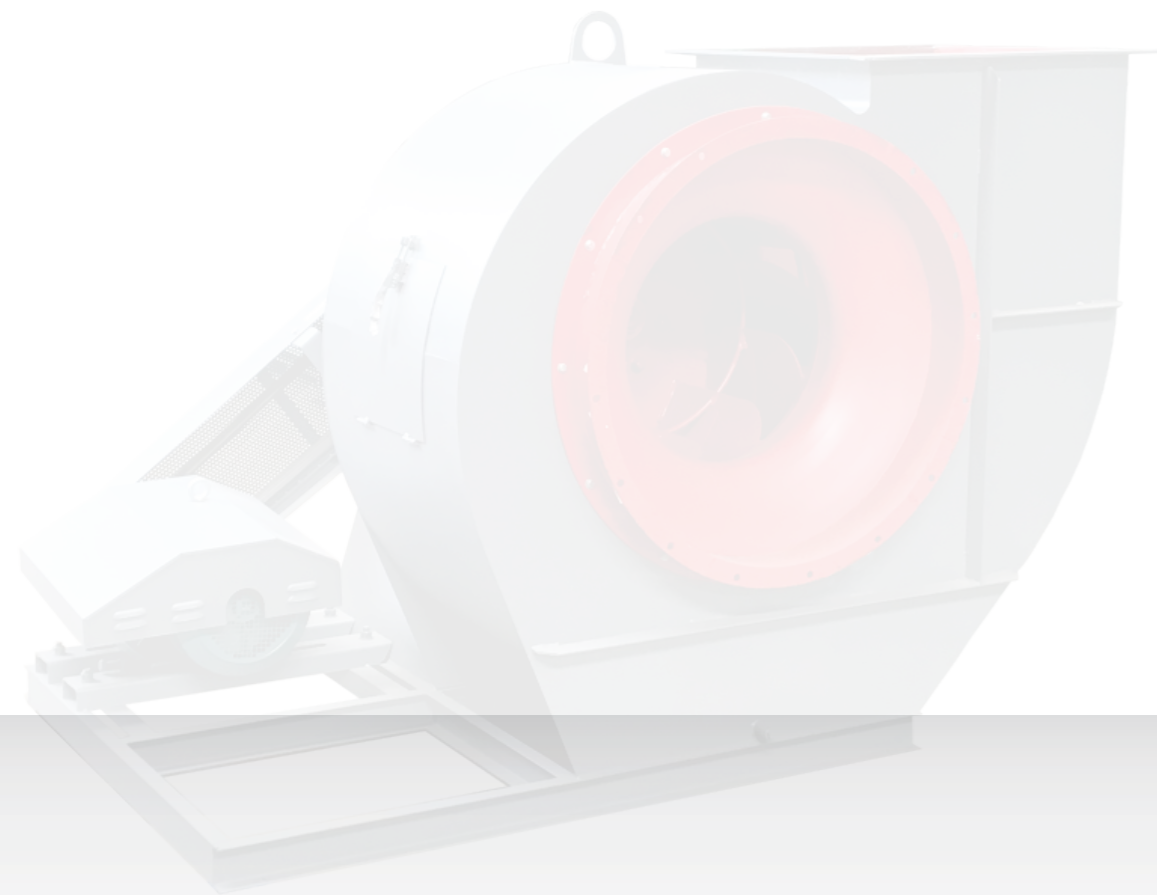




SPECIALITY STADILIZE GUARANTEE

Ventilation series products



TO CREATE A FRESH WORLD

CONTENTS

02...LFTW forward curved cabinet fan series

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LFTW Low noise cabinet centrifugal fan

Product performance and features

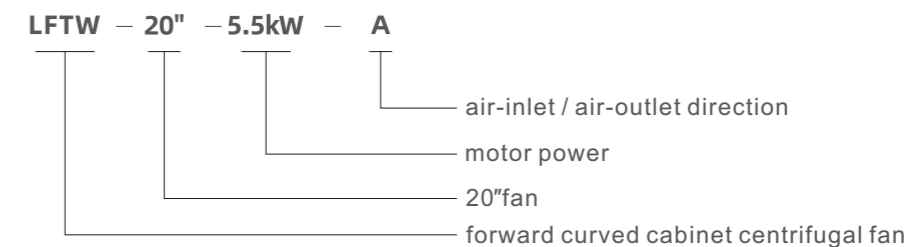
- The forward-leaning multi-blade centrifugal impeller is selected, and the assembled frame is firm and compact in structure, detachable and easy to transport; a variety of fuselage materials can be selected, which can be customized, and the appearance is high-end and atmospheric.
- Low noise, large air flow, high efficiency, smooth operation, stable quality, strong durability, easy to install and maintain.
- Conventional air volume: 2530 to 65000m³/h
- Conventional wind pressure: 465 to 1150pa

Application areas

- It is suitable for ventilation and kitchen fume emission systems in hotels, gymnasiums, schools, restaurants, cinemas, auditoriums, and high-end residential buildings.



The description of model

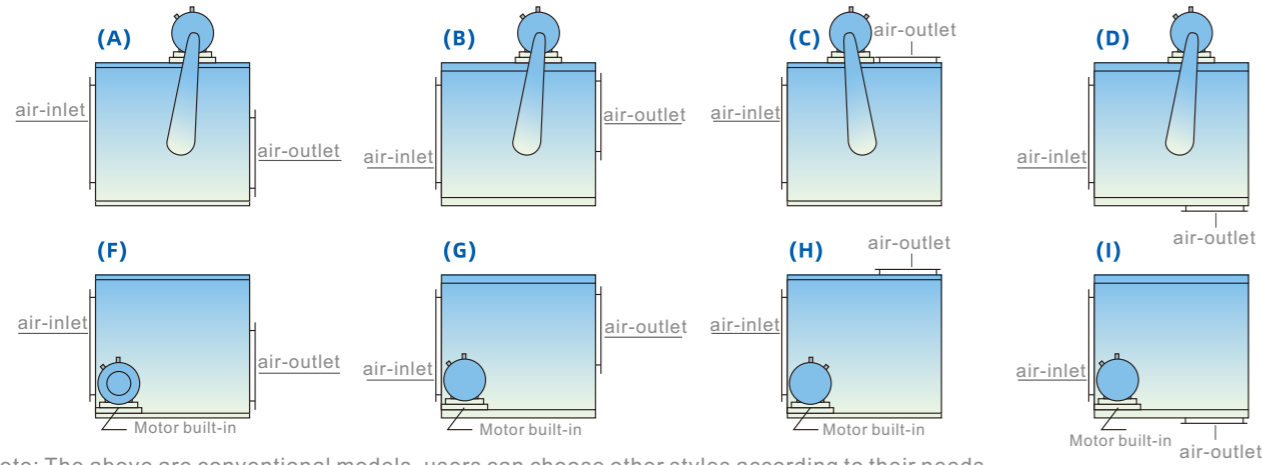


Things to note when choosing a cabinet fan model

- Professionals should design the exhaust system and select the fan model to accurately estimate the resistance of the exhaust system. Otherwise, incorrect selection may result in poor fan performance.
- The pressure loss of the resistance components in the exhaust system is not a fixed value. When selecting a model, it should be calculated based on the resistance coefficient.
- The cabinet fan should not be operated for a long time in the fully open mode (the air inlet and outlet of the fan are not connected to pipes), otherwise it will easily cause fluctuations in fan performance, and the standard motor of the fan will be overloaded or burned out.
- Special reminder: Please do not use fans with built-in motors for fire protection.

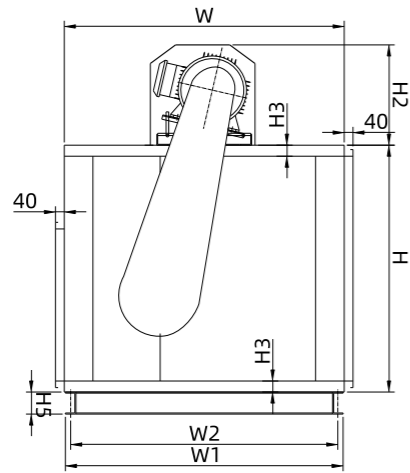


Schematic diagram of the air inlet and outer dimensions of the forward-inclined cabinet centrifugal fan

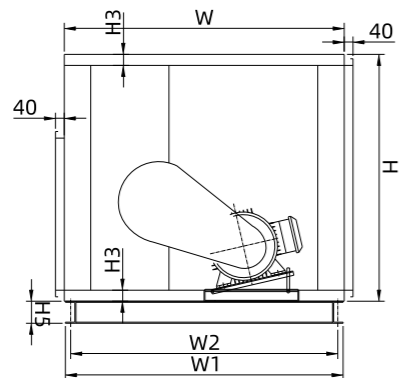


Note: The above are conventional models, users can choose other styles according to their needs.

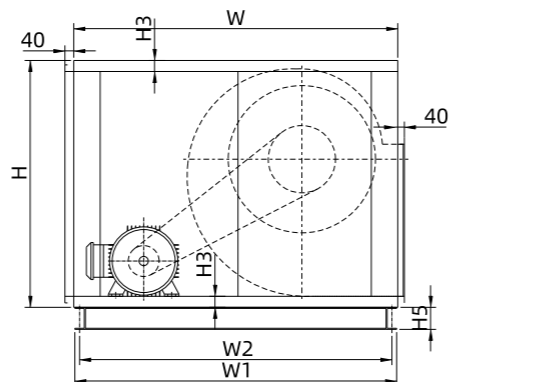
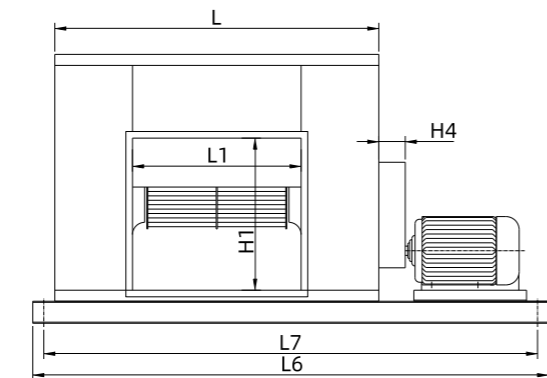
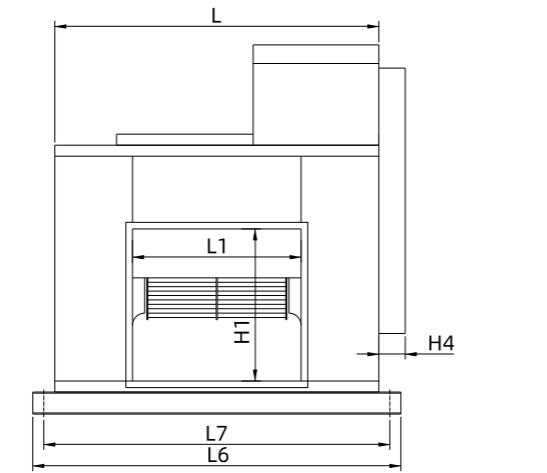
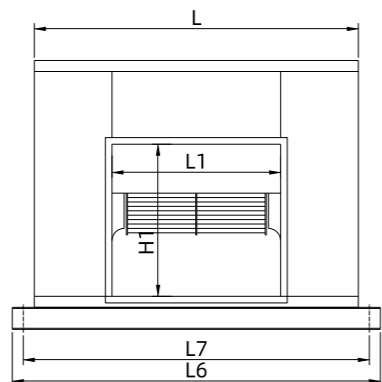
**Motor overhead
A/B/C/D**



**Motor bottom
A/B/C/D**



**Motor built-in
F/G/H/I**



The overall dimensions table of LFTW

unit: mm

specification model	external dimension			air-outlet port		the air-inlet port of ordinary model		the air-inlet port of Frame model		Motor power (Kw)	Motor cover height (H2)
	L	W	H	L1	H1	W	H	W	H		
9"-A/B	710	510	490			530	390	590	370	0.55~1.1kw	
9"-C/D	710	610	490	310	255	530	390	590	370		
9"-F/G/H/I	710	760	490			530	390	590	370		
10"-A/B	760	560	510			580	410	640	390	1.5kw	
10"-C/D	760	630	510	340	280	580	410	640	390		
10"-F/G	760	760	510			580	410	640	390		
10"-H/I	760	810	510			580	410	640	390		
12"-A/B	860	620	590			660	490	740	470	1.1~1.5kw	
12"-C/D	860	710	590	390	330	660	490	740	470		
12"-F/G	860	860	590			660	490	740	470		
12"-H/I	860	910	590			660	490	740	470		
15"-A/B	920	760	720			720	620	800	600	1.5kw	0.55~1.5kw H=300
15"-C/D	920	810	720	445	405	720	620	800	600		
15"-F/G	920	960	720			720	620	800	600		
15"-H/I	920	1020	720			720	620	800	600		
18"-A/B	1070	860	840			830	740	950	720	3~5.5kw	2.2~3kw H=340
18"-C/D	1070	1030	840	540	480	830	740	950	720		
18"-F/G	1070	1120	840			830	740	950	720		
18"-H/I	1070	1120	840			830	740	950	720		
20"-A/B	1220	970	940			980	840	1100	820	4~5.5kw	4KW H=380
20"-C/D	1220	1160	940	615	545	980	840	1100	820		
20"-F/G	1220	1270	940			980	840	1100	820		
20"-H/I	1220	1320	940			980	840	1100	820		
22"-A/B	1320	1020	1000			1060	900	1200	880	5.5~7.5kw	H=410
22"-C/D	1320	1190	1000	675	610	1060	900	1200	880		
22"-F/G	1320	1370	1000			1060	900	1200	880		
22"-H/I	1320	1420	1000			1060	900	1200	880		
25"-A/B	1470	1070	1100			1210	1000	1350	980	7.5~11kw	11~15kw H=455
25"-C/D	1470	1340	1100	765	690	1210	1000	1350	980		
25"-F/G	1470	1470	1100			1210	1000	1350	980		
25"-H/I	1470	1520	1100			1210	1000	1350	980		
27.5"-A/B	1630	1270	1270			1350	1170	1510	1150	11~18.5kw	18.5~22kw H=540
27.5"-C/D	1630	1370	1270	850	740	1350	1170	1510	1150		
27.5"-F/G	1630	1570	1270			1350	1170	1510	1150		
27.5"-H/I	1630	1680	1270			1350	1170	1510	1150		
30"-A/B	1780	1370	1370			1500	1270	1660	1250	15~18.5kw	30~37kw H=610
30"-C/D	1780	1520	1370	915	825	1500	1270	1660	1250		
30"-F/G	1780	1730	1370			1500	1270	1660	1250		
30"-H/I	1780	1780	1370			1500	1270	1660	1250		
36"-A/B	2000	1370	1370			1720	1270	1880	1250	22kw	22~30kw
36"-C/D	2000	1520	1370	1070	825	1720	1270	1880	1250		
36"-F/G	2000	1730	1370			1720	1270	1880	1250		
36"-H/I	2000	1780	1370			1720	1270	1880	1250		
40"-A/B	2200	1700	1720			1900	1620	2080	1600	30kw	
40"-C/D	2200	1850	1720	1200	1100	1900	1620	2080	1600		
40"-F/G	2200	2050	1720			1900	1620	2080	1600		
40"-H/I	2200	2200	1720			1900	1620	2080	1600		

Underframe Size Specification Table LFTW

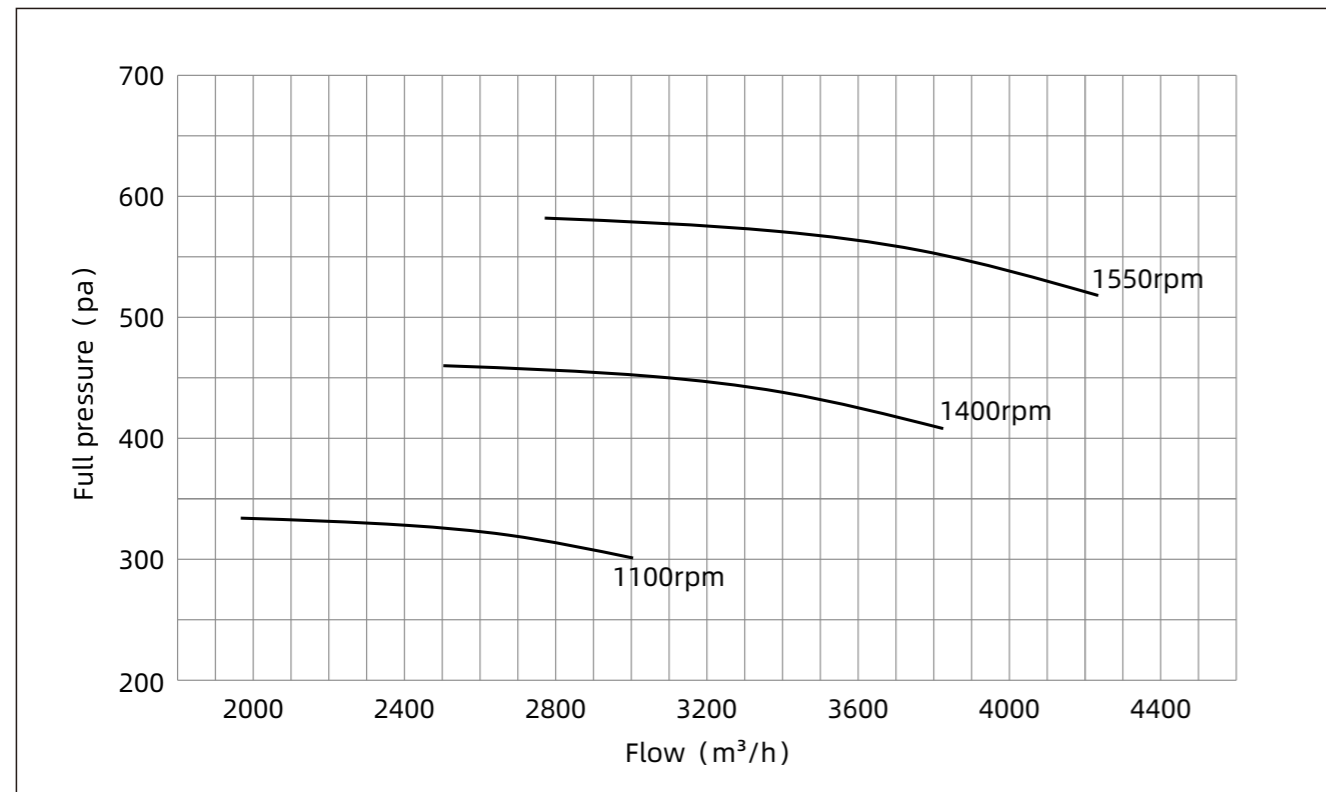
specification model	Chassis size													Height of upper and lower cover		Belt thickness	
	L6			L7			W1			H5	W2			H3			H4
	overhead	bottom	built-in	overhead	bottom	built-in	overhead	bottom	built-in		overhead	bottom	built-in	ordinary	frame		
9"	870	1230	870	800	1160	800	W+260			60				50	60	120	
10"	920	1280	920	850	1210	850	W+260			60				50	60	120	
12"	1020	1380	1020	950	1310	950	W+260			60				50	60	120	
15"	1080	1470	1080	1010	1400	1010				60				50	60	120	
18"	1230	1700	1230	1160	1630	1160				60				50	60	120	
20"	1380	2000	1380	1310	1930	1310	W-10	W-10	W-10	80	W1-70	W1-70	W1-70	50	60	140	
22"	1480	2100	1480	1410	2030	1410				80						140	
25"	1630	2360	1630	1560	2290	1560				100				50	60	140	
27.5"	1790	2540	1790	1720	2470	1720				100				50	60	150	
30"	1980	2690	1980	1910	2620	1910				100				50	60	150	
36"	2200	2890	2200	2130	2820	2130				100				50	60	150	
40"	2400	3190	2400	2330	3120	2330				100				50	60	160	

Description

- "Width W-30" in the above table means W1 = W - 30mm, W2 = W1 - 70mm
- L6, L7, W1, and W2 are bottom parameters, among which W2 is the maximum value. When configuring motors with different powers, the W2 value will change, but it will not exceed the W2 value in the table.
- The total height of the overhead motor fan = the height of the cabinet fan H + the height of the chassis H5 + the height of the motor cover H2



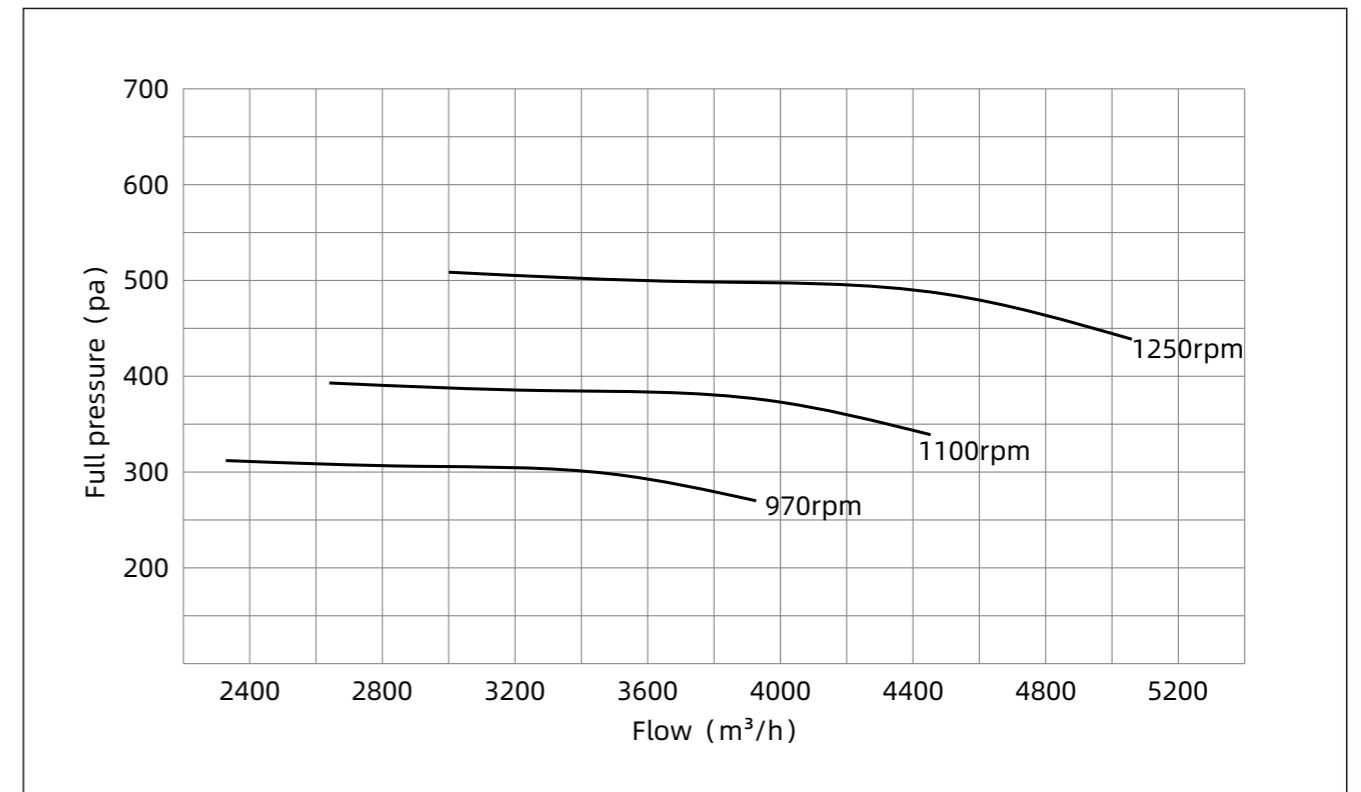
LFTW-9" Performance curve



LFTW-9"- Performance parameter table

rotating speed	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
1100	1	1967	334	307	≤60	0.55	90	80M1-4
	2	2405	328	288				
	3	2674	320	271				
	4	3005	301	251				
1400	1	2503	460	417	≤61	0.75	91	80M2-4
	2	3060	451	387				
	3	3403	438	359				
	4	3825	408	327				
1550	1	2771	582	530	≤63	1.1	101	90S-4
	2	3388	571	492				
	3	3768	555	458				
	4	4235	518	418				

LFTW-10" Performance curve

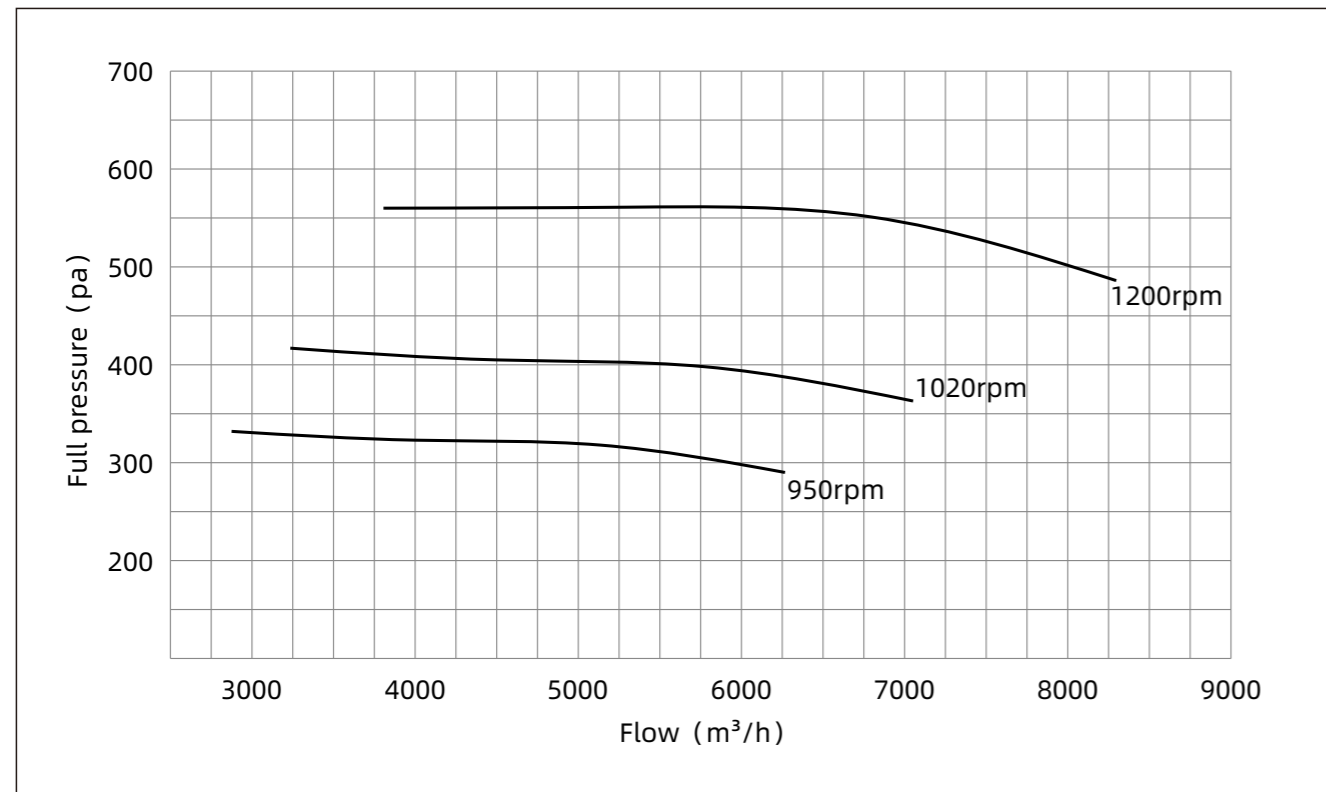


LFTW-10"- Performance parameter table

rotating speed	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
970	1	2328	312	284	≤61	0.75	105	80M2-4
	2	2910	306	262				
	3	3492	298	236				
	4	3927	270	191				
1100	1	2640	393	357	≤63	1.1	109	90S-4
	2	3300	385	329				
	3	3960	375	295				
	4	4453	339	237				
1250	1	3000	508	461	≤65	1.5	114	90L-4
	2	3750	498	425				
	3	4500	485	381				
	4	5060	438	307				



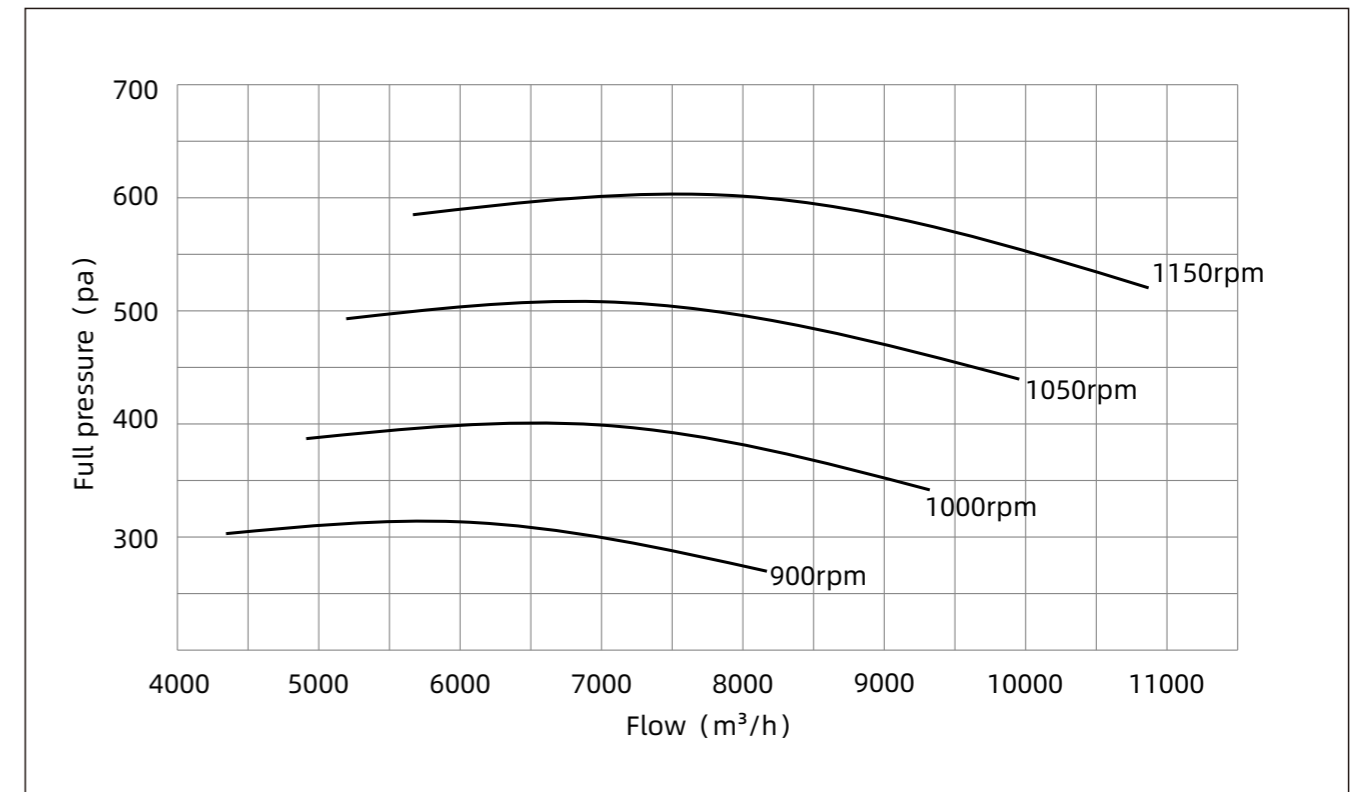
LFTW-12" Performance curve



LFTW-12"- Performance parameter table

rotating speed	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
950	1	2875	332	313	≤63	1.1	113	90S-4
	2	4000	323	290				
	3	5134	318	266				
	4	6067	290	216				
1020	1	3235	417	392	≤64	1.5	118	90L-4
	2	4501	405	363				
	3	5777	398	332				
	4	7052	363	267				
1200	1	3806	560	526	≤65	2.2	124	100L1-4
	2	5295	545	486				
	3	6797	535	443				
	4	8297	486	353				

LFTW-15" Performance curve

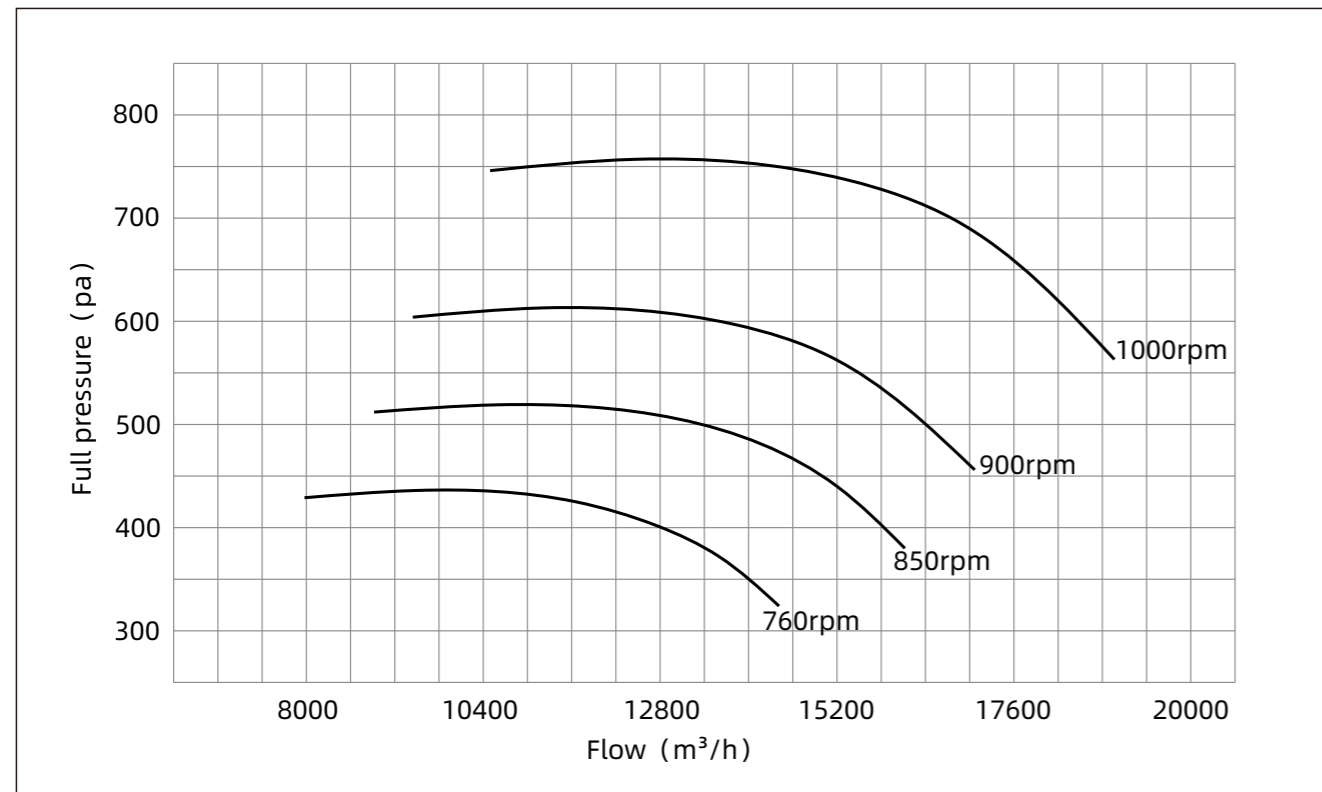


LFTW-15"- Performance parameter table

rotating speed	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
900	1	4344	303	276	≤65	1.5	125	90L-4
	2	5173	312	274				
	3	5756	313	266				
	4	6434	311	257				
	5	7103	298	227				
	6	8060	271	180				
1000	1	4911	387	352	≤66	2.2	131	100L1-4
	2	5848	398	350				
	3	6507	400	340				
	4	7226	397	327				
	5	8030	380	289				
	6	9320	343	227				
1100	1	5194	493	455	≤67	3	136	100L2-4
	2	6185	497	452				
	3	6882	508	441				
	4	7692	505	426				
	5	8493	486	384				
	6	9942	444	314				
1200	1	5666	585	539	≤68	4	142	112M-4
	2	6747	600	535				
	3	7510	602	522				
	4	8392	598	506				
	5	9265	576	455				
	6	10885	522	373				



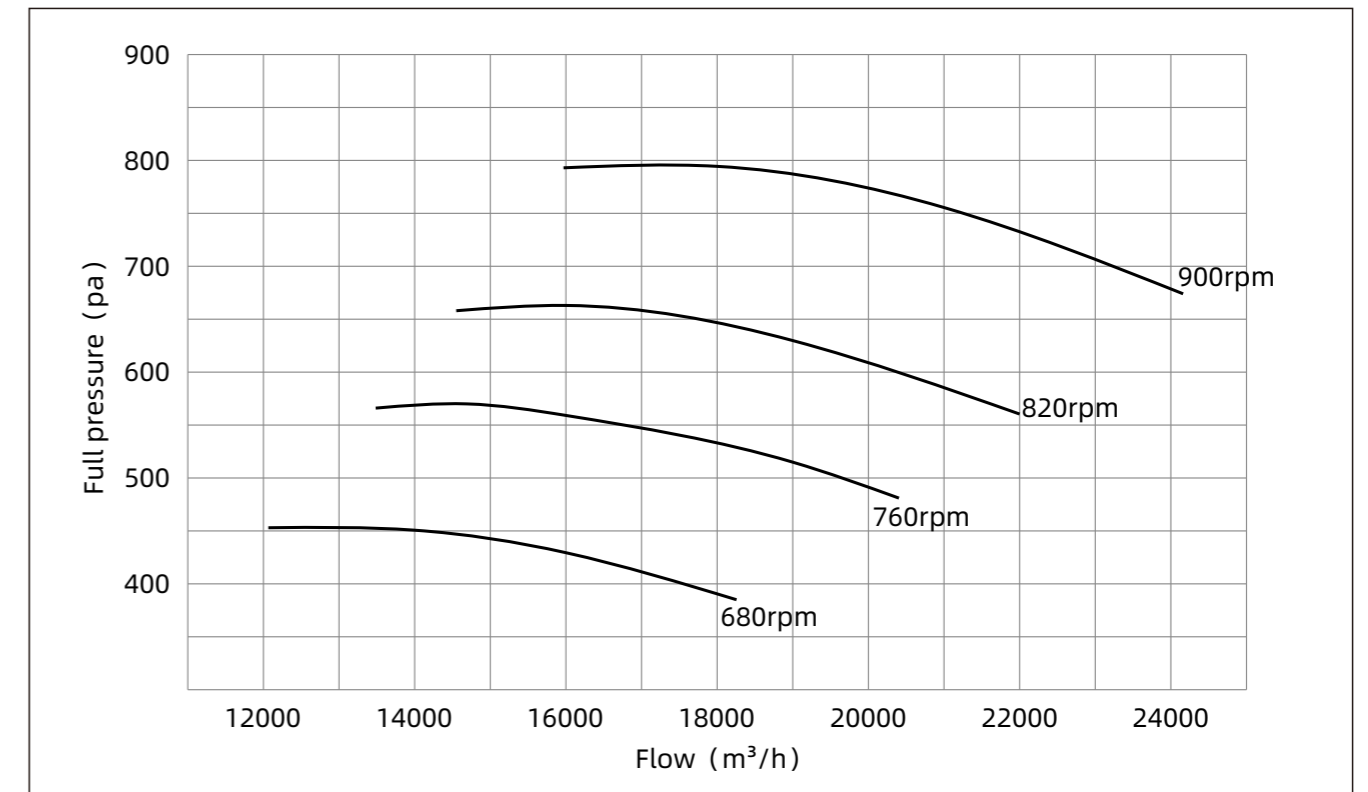
LFTW-18" Performance curve



LFTW-18"- Performance parameter table

rotating speed	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
760	1	7975	429	387	≤68	3	187	100L2-4
	2	9475	436	373				
	3	11659	425	329				
	4	12751	402	298				
	5	13599	372	246				
	6	14413	324	188				
850	1	8919	512	459	≤69	4	198	112M-4
	2	10597	520	442				
	3	13040	506	387				
	4	14261	478	348				
	5	15210	440	283				
	6	16120	380	210				
900	1	9444	604	545	≤70	5.5	216	132S-4
	2	11220	613	526				
	3	13807	597	474				
	4	15100	566	420				
	5	16104	523	347				
	6	17068	456	277				
1000	1	10493	746	673	≤72	7.5	230	132M-4
	2	12467	757	649				
	3	15341	737	585				
	4	16778	699	519				
	5	17893	646	428				
	6	18964	563	327				

LFTW-20" Performance curve

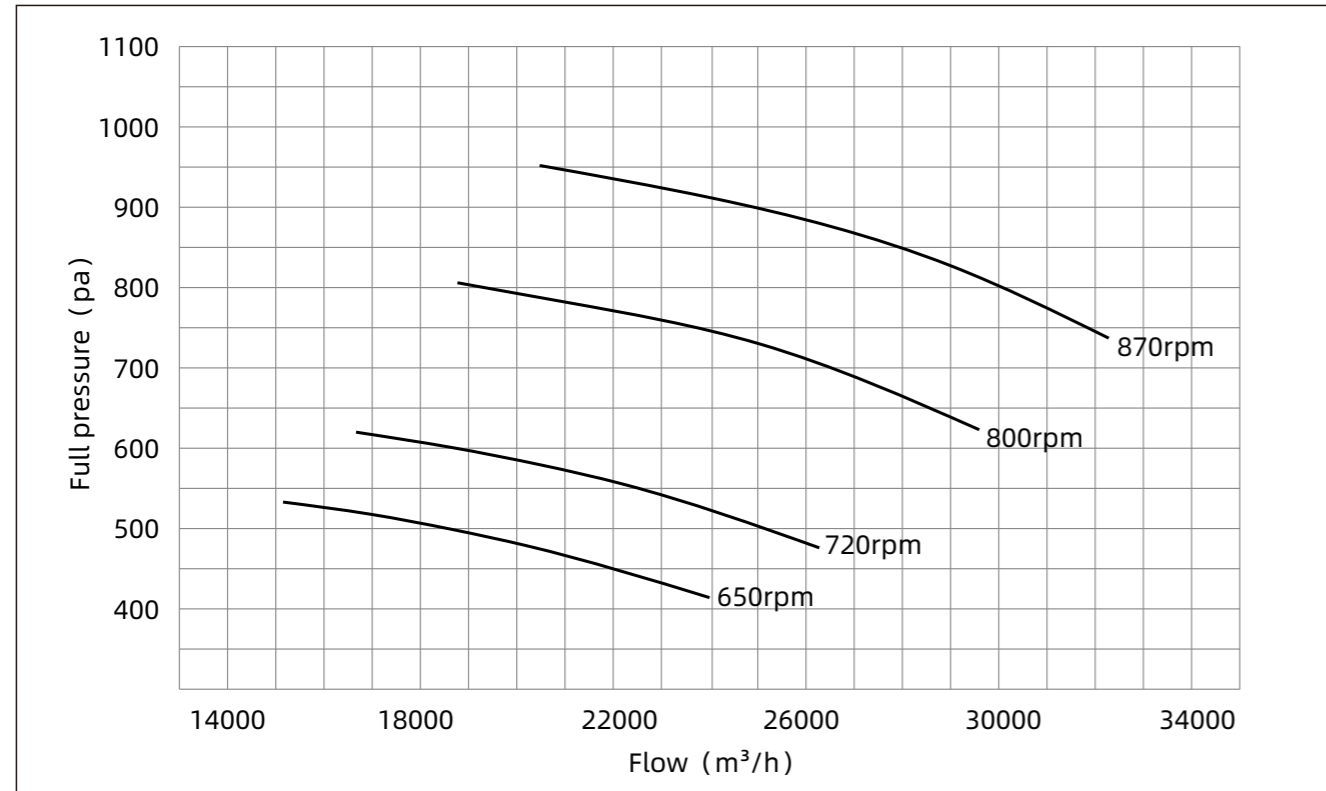


LFTW-20"- Performance parameter table

rotating speed	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
680	1	12065	453	393	≤67	4	223	112M-4
	2	13145	456	382				
	3	14796	442	352				
	4	15851	433	330				
	5	16872	415	300				
	6	18256	385	250				
760	1	13484	566	491	≤68	5.5	241	132S-4
	2	14691	570	477				
	3	16537	552	440				
	4	17716	541	412				
	5	18857	518	375				
	6	20404	481	312				
820	1	14549	661	574	≤69	7.5	254	132M-4
	2	15851	663	555				
	3	17842	643	512				
	4	19114	630	480				
	5	20346	603	436				
	6	22015	560	364				
900	1	15968	797	700	≤70	11	300	160M-4
	2	17398	799	669				
	3	19583	774	617				
	4	20979	758	578				
	5	22331	727	526				
	6	24162	674	438				



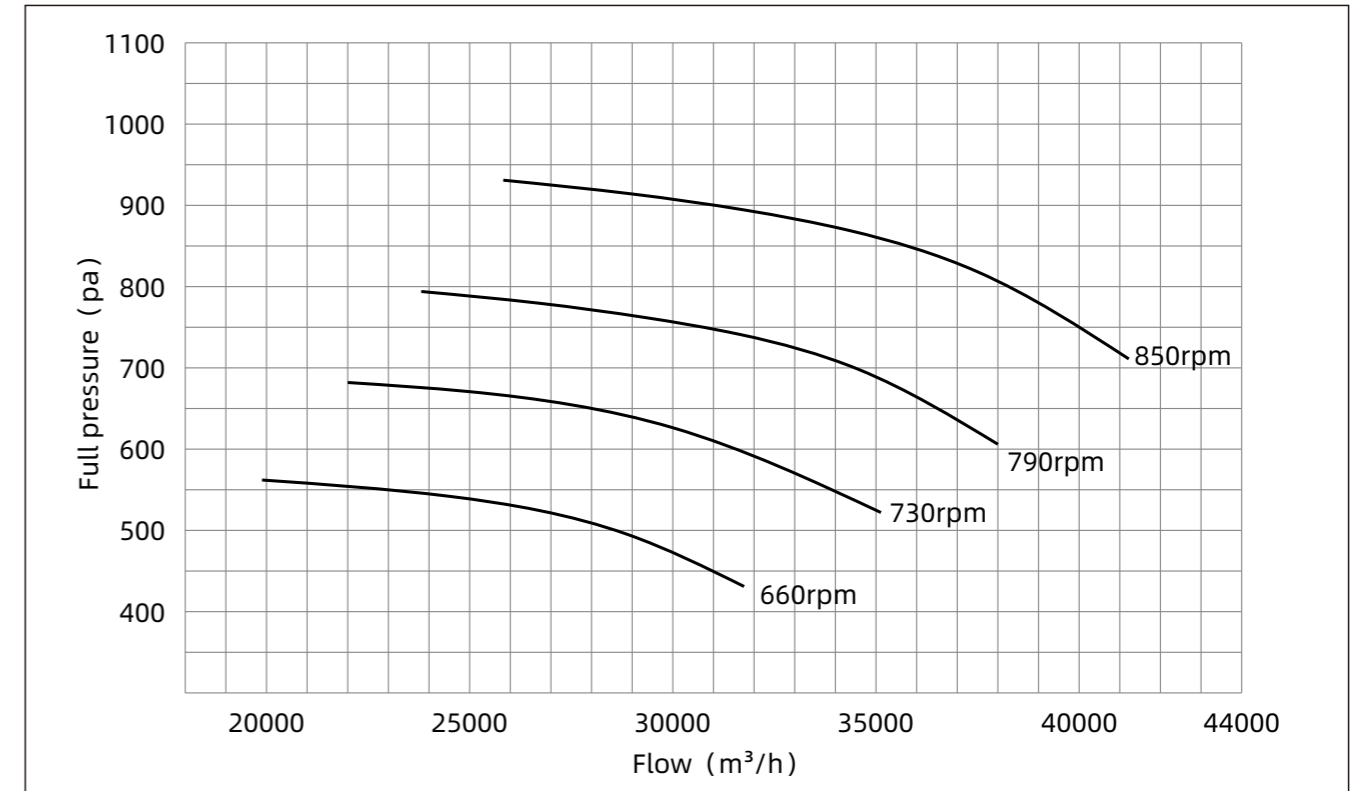
LFTW-22" Performance curve



LFTW-22"- Performance parameter table

rotating speed	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
650	1	15150	533	473	≤70	5.5	255	132S-4
	2	16946	518	440				
	3	18650	500	405				
	4	20204	480	369				
	5	21939	448	317				
	6	23888	414	260				
720	1	16665	620	552	≤70	7.5	268	132M-4
	2	18641	501	518				
	3	20515	580	477				
	4	22224	556	436				
	5	24133	517	375				
	6	26277	476	315				
800	1	18769	806	720	≤71	11	314	160M-4
	2	20995	782	676				
	3	23105	753	624				
	4	25030	724	572				
	5	27180	676	495				
	6	29595	623	419				
870	1	20474	952	858	≤72	15	327	160L-4
	2	22901	925	806				
	3	25203	891	744				
	4	27303	863	682				
	5	29648	798	592				
	6	32282	737	501				

LFTW-25" Performance curve

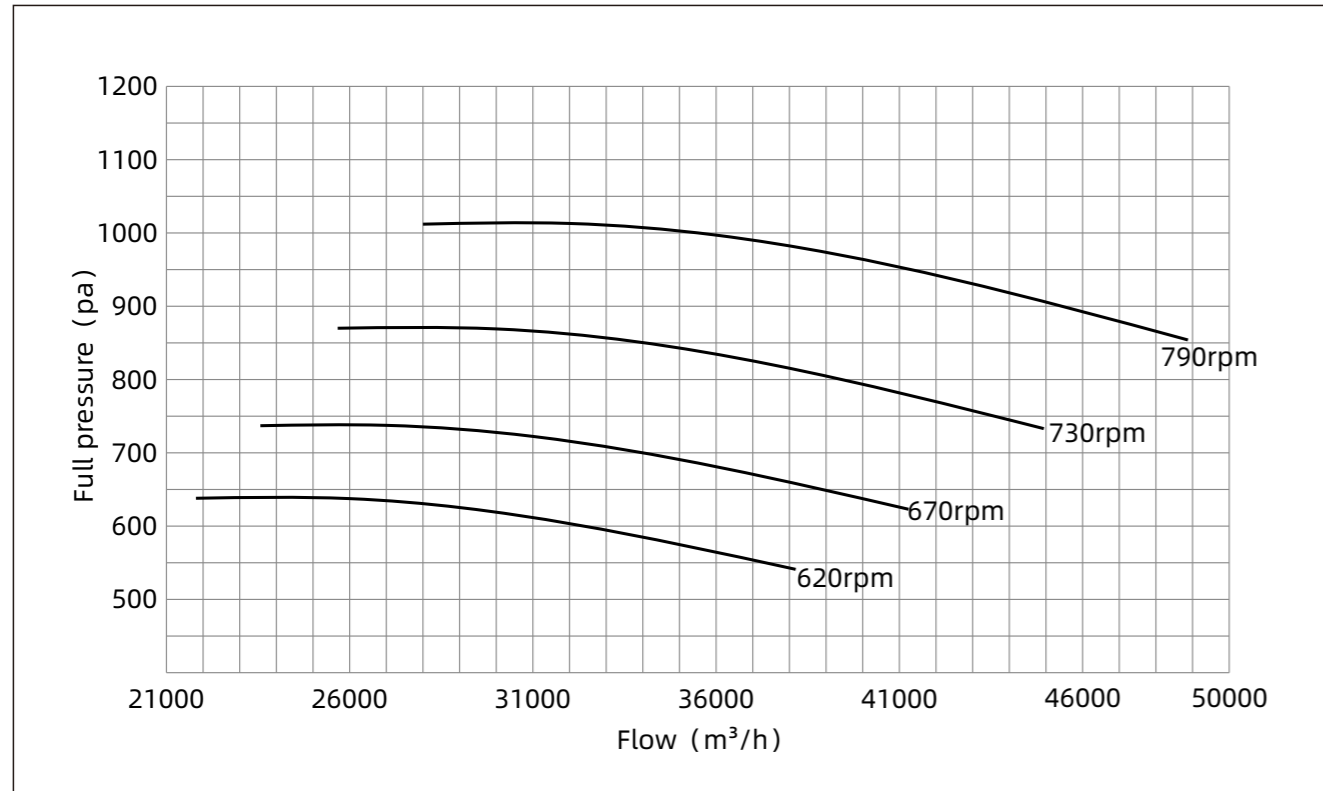


LFTW-25"- Performance parameter table

rotating speed	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
660	1	19890	562	496	≤73	7.5	299	132M-4
	2	22315	552	470				
	3	24491	540	440				
	4	26454	525	408				
	5	28888	495	356				
	6	31754	431	265				
730	1	22000	682	601	≤74	11	345	160M-4
	2	24682	670	569				
	3	27088	655	533				
	4	29260	637	494				
	5	31952	600	430				
	6	35122	522	320				
790	1	23808	794	700	≤74	15	358	160L-4
	2	26711	780	662				
	3	29314	762	619				
	4	31665	741	573				
	5	34578	698	500				
	6	38010	606	370				
850	1	25827	931	820	≤75	18.5	399	180M-4
	2	28976	914	776				
	3	31801	894	726				
	4	34350	869	672				
	5	37511	818	584				
	6	41232	711	435				



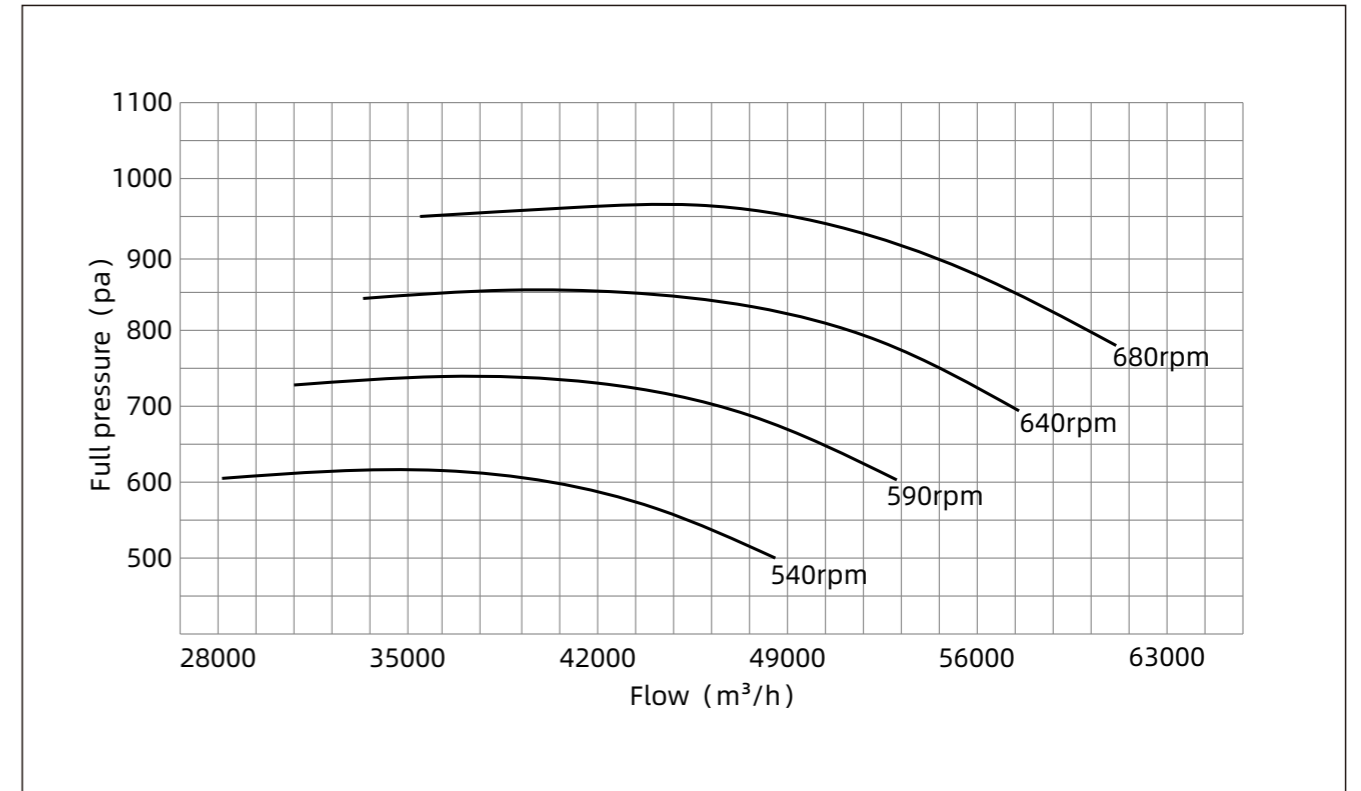
LFTW-27.5" Performance curve



LFTW-27.5"- Performance parameter table

rotating speed	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
620	1	21805	638	583	≤78	11	458	160M-4
	2	25451	633	558				
	3	28043	630	538				
	4	32075	596	476				
	5	34419	572	434				
	6	38171	541	380				
670	1	23563	737	672	≤79	15	471	160L-4
	2	27503	731	643				
	3	30304	727	620				
	4	34662	698	548				
	5	37195	660	498				
	6	41252	623	435				
730	1	25673	869	791	≤80	18.5	512	180M-4
	2	29966	862	757				
	3	33017	857	730				
	4	37766	810	644				
	5	40526	777	585				
	6	44943	733	510				
790	1	27783	1012	922	≤82	22	530	180L-4
	2	32429	1004	882				
	3	35732	1000	850				
	4	40870	944	750				
	5	43857	905	680				
	6	48874	854	593				

LFTW-30" Performance curve

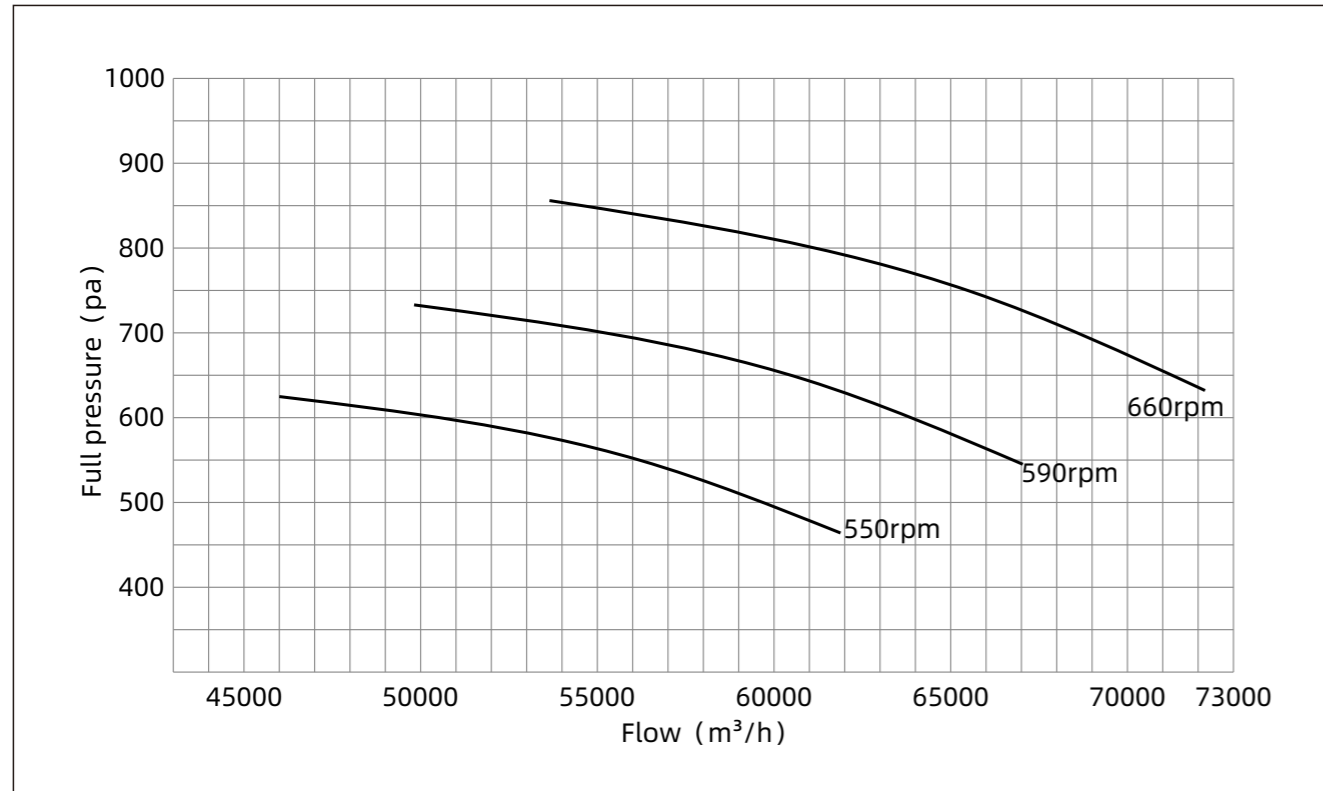


LFTW-30"- Performance parameter table

rotating speed	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
540	1	28145	605	550	≤80	15	561	160L-4
	2	32718	613	537				
	3	36270	615	510				
	4	40274	597	465				
	5	44196	565	407				
	6	48540	500	310				
590	1	30751	728	662	≤82	18.5	602	180M-4
	2	35747	738	647				
	3	39628	740	615				
	4	44000	718	561				
	5	48288	680	492				
	6	53035	603	376				
640	1	33357	842	765	≤83	22	620	180L-4
	2	38777	853	746				
	3	42987	856	709				
	4	47732	831	645				
	5	52380	786	564				
	6	57529	694	428				
680	1	35442	950	860	≤85	30	680	200L-4
	2	41200	962	839				
	3	45673	965	796				
	4	50715	934	725				
	5	55654	884	633				
	6	61124	780	480				



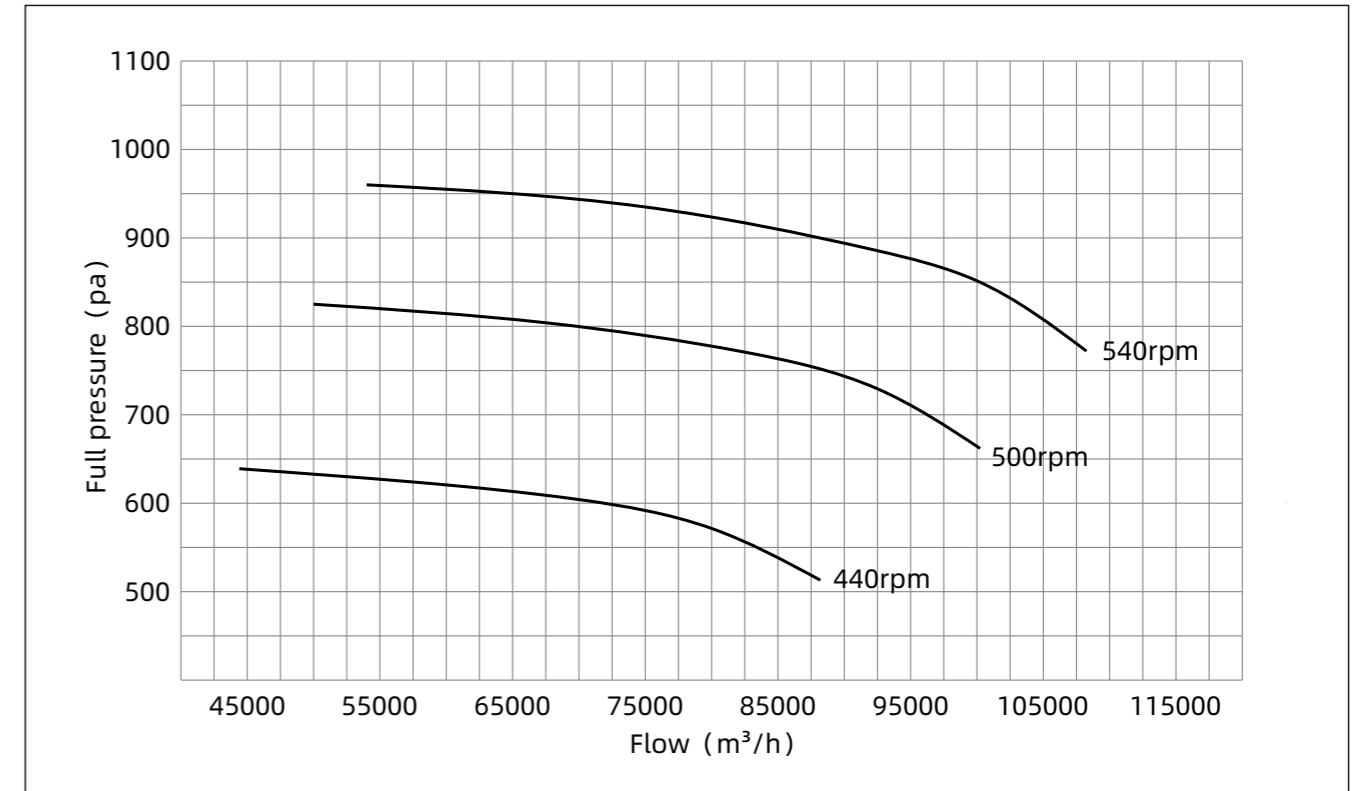
LFTW-36" Performance curve



LFTW-36"- Performance parameter table

rotating speed	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
550	1	45982	625	505	≤84	18.5	618	180M-4
	2	49586	606	460				
	3	52904	585	420				
	4	56186	550	363				
	5	58948	512	305				
	6	61882	464	259				
590	1	49814	733	592	≤85	22	636	180L-4
	2	53718	711	540				
	3	57312	687	493				
	4	60868	645	426				
	5	63861	601	358				
	6	67040	545	304				
660	1	53646	856	687	≤87	30	696	200L-4
	2	57850	825	626				
	3	61721	769	572				
	4	65550	749	494				
	5	68773	697	415				
	6	72196	632	352				

LFTW-40" Performance curve



LFTW-40"- Performance parameter table

rotating speed	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
440	1	44000	639	603	≤86	30	746	200L-4
	2	52800	628	575				
	3	61600	620	549				
	4	73333	595	494				
	5	82133	562	435				
	6	88195	513	357				
500	1	50000	825	778	≤88	37	768	225S-4
	2	60000	811	743				
	3	70000	801	709				
	4	83333	768	638				
	5	93333	726	562				
	6	100233	662	461				
540	1	54000	962	908	≤89	45	776	225M-4
	2	64800	946	867				
	3	75600	934	827				
	4	90000	896	744				
	5	100800	847	656				
	6	108252	772	538				

LFTWG high-efficiency cabinet type centrifugal fan

Product performance and features

- LFTWG low-noise forward-leaning cabinet-type centrifugal fan adopts a compact + frame-type (cabinet) structure, which is easy to disassemble, beautiful and high-end. Large maintenance doors are designed on both sides of the cabinet for easy maintenance/installation inside the cabinet. The fan adopts the ternary flow principle. After repeated simulations and comparisons, with the help of the fan auxiliary design system + aerodynamics + aeroacoustics, the blade curve, blade outlet installation angle and blade number are designed; it has large exhaust volume, high pressure and good aerodynamic performance. , 20% more pressure than ordinary forward-tilting wind cabinets. According to the customer's different use environment, you can choose 201 or 304 stainless steel material; if the customer's use environment is a flammable and explosive place, you can choose an explosion-proof type, but the temperature of the transported gas should be lower than 80°C.

Application areas

- It is suitable for ventilation and kitchen fume emission systems in hotels, gymnasiums, schools, restaurants, cinemas, auditoriums, and high-end residential buildings.



The description of model

LFTWG – 20" – 5.5kW – A

- the direction of air-inlet or air-outlet port
- motor power
- 20" fan
- high-efficiency forward curved cabinet-type centrifugal fan

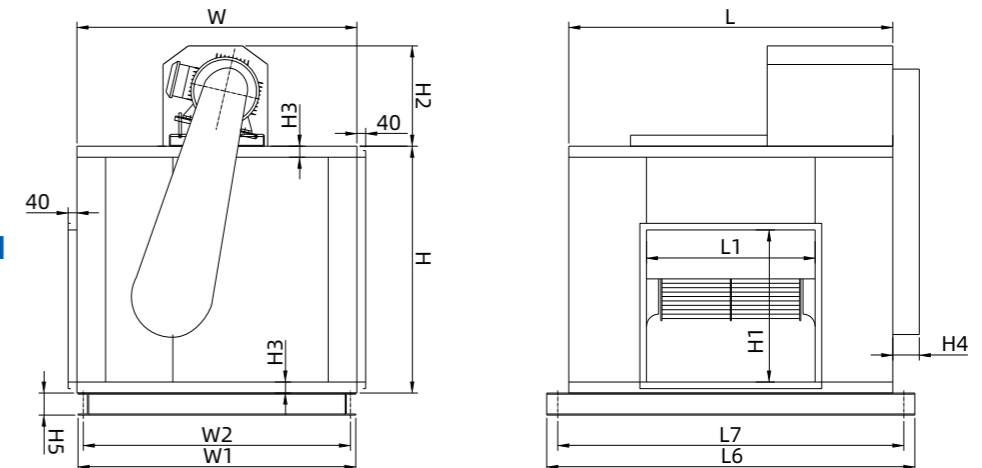


Things to note when choosing a cabinet fan model

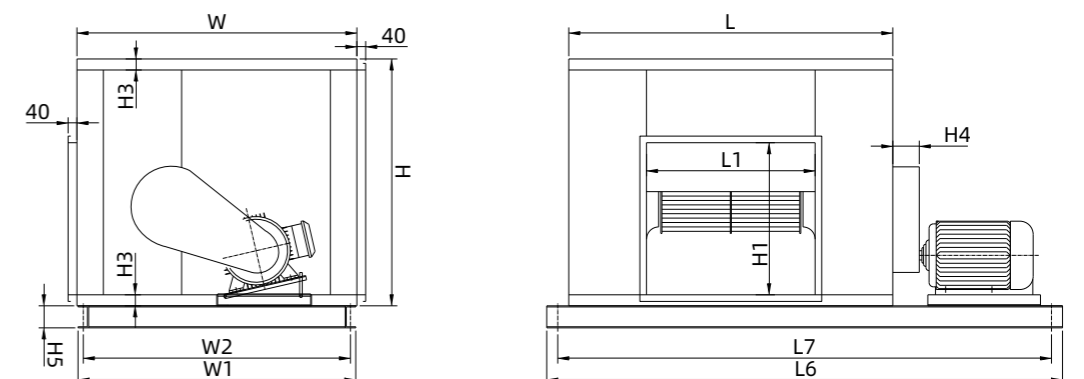
- Professionals should design the exhaust system and select the fan model to accurately estimate the resistance of the exhaust system. Otherwise, incorrect selection may result in poor fan performance.
- The pressure loss of the resistance components in the exhaust system is not a fixed value. When selecting a model, it should be calculated based on the resistance coefficient.
- The cabinet fan should not be operated for a long time in the fully open mode (the air inlet and outlet of the fan are not connected to pipes), otherwise it will easily cause fluctuations in fan performance, and the standard motor of the fan will be overloaded or burned out.
- Special reminder: Please do not use fans with built-in motors for fire protection.

Schematic diagram of the overall dimensions of the high efficiency cabinet-type fan

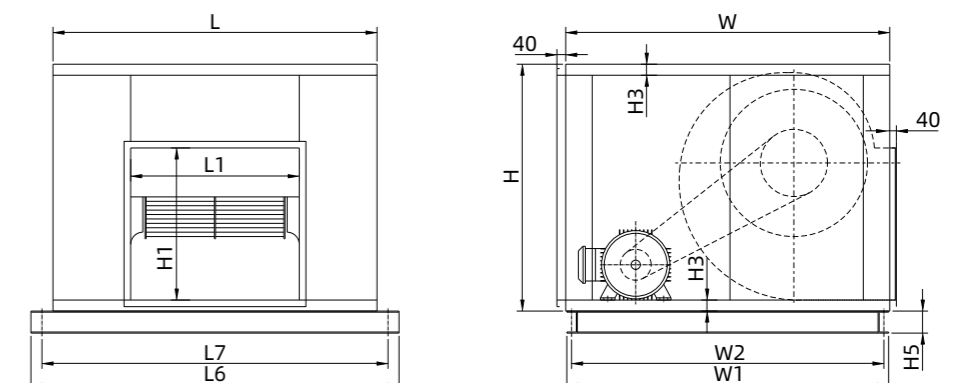
Motor overhead A/B/C/D



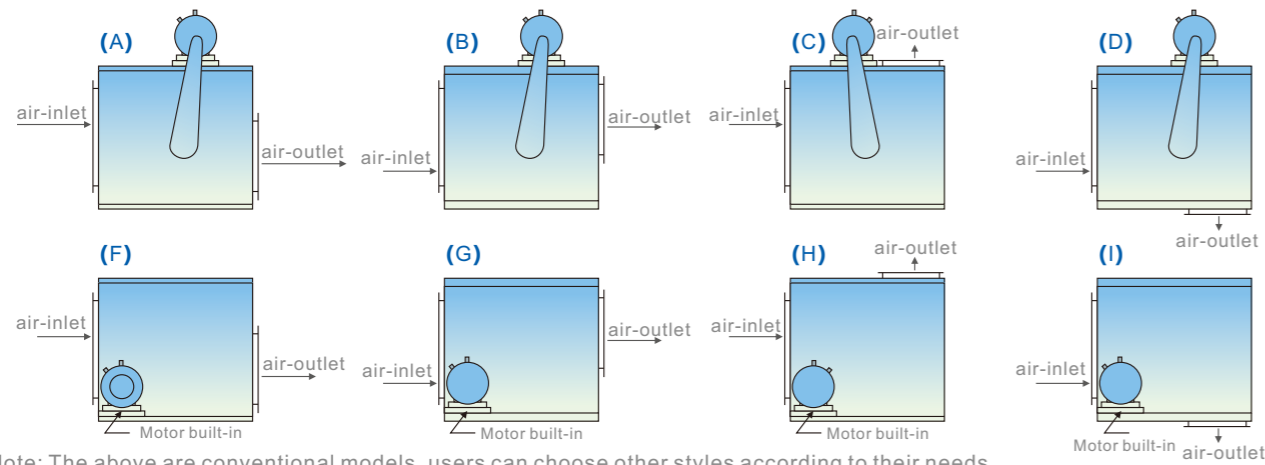
Motor bottom A/B/C/D



Motor built-in F/G/H/I



Schematic diagram of the air inlet and outlet types and overall dimensions of the forward-inclined cabinet centrifugal fan



Note: The above are conventional models, users can choose other styles according to their needs.

The overall dimensions table of LFTWG

unit: mm

specification model	external dimension			air-outlet port		Air-inlet port		Motor power (Kw)	Motor cover height (H2)
	L	W	H	L1	H1	W	H		
15"-A/B/C/D	920	950	820			800	700	1.5~5.5kw	2.2~3kw H=340
15"-F/G/H/I	920	1150	820	460	505	800	700		
18"-A/B/C/D	1070	1050	900			950	780	2.2~7.5kw	
18"-F/G/H/I	1070	1220	900	550	560	950	780		
20"-A/B/C/D	1220	1150	1000			1100	880	4~15kw	4KW H=380
20"-F/G/H/I	1220	1320	1000	630	640	1100	880		
22"-A/B/C/D	1320	1250	1140			1200	1020	5.5~18.5kw	5.5~7.5kw H=410
22"-F/G/H/I	1320	1450	1140	690	700	1200	1020		
25"-A/B/C/D	1470	1400	1200			1350	1080	7.5~22kw	
25"-F/G/H/I	1470	1600	1200	765	800	1350	1080		
27.5"-A/B/C/D	1630	1550	1380			1510	1260	11~30kw	11~15kw H=455
27.5"-F/G/H/I	1630	1800	1380	850	900	1510	1260		
30"-A/B/C/D	1880	1670	1560			1760	1440	15~37kw	18.5~22kw H=540
30"-F/G/H/I	1880	2000	1560	915	1000	1760	1440		
36"-A/B/C/D	2100	1900	1740			1980	1620	18.5~45kw	
36"-F/G/H/I	2100	2250	1740	1130	1130	1980	1620		
40"-A/B/C/D	2300	2000	1900			2180	1780	18.5~45kw	30~37kw H=610
40"-F/G/H/I	2300	2400	1900	1200	1260	2180	1780		

LFTWG chassis size specification table

specification model	Chassis size												Height of upper and lower cover	Belt thickness		
	L6			L7			H5	W1			W2				H3	
	overhead	bottom	built-in	overhead	bottom	built-in		overhead	bottom	built-in	overhead	bottom				built-in
15"	1080	1500	1080	1010	1430	1010	60									120
18"	1230	1750	1230	1160	1680	1160	80									120
20"	1380	2000	1380	1310	1930	1310	80									140
22"	1480	2150	1480	1410	2080	1410	100									140
25"	1630	2300	1630	1560	2230	1560	100	W-30	W-30	W-30	W1-70	W1-70	W1-70	60		140
27.5"	1790	2510	1790	1720	2440	1720	100									150
30"	2040	2810	2040	1970	2740	1970	100									150
36"	2260	3060	2260	2190	2990	2190	100									150
40"	2460	3260	2460	2390	3190	2390	100									150

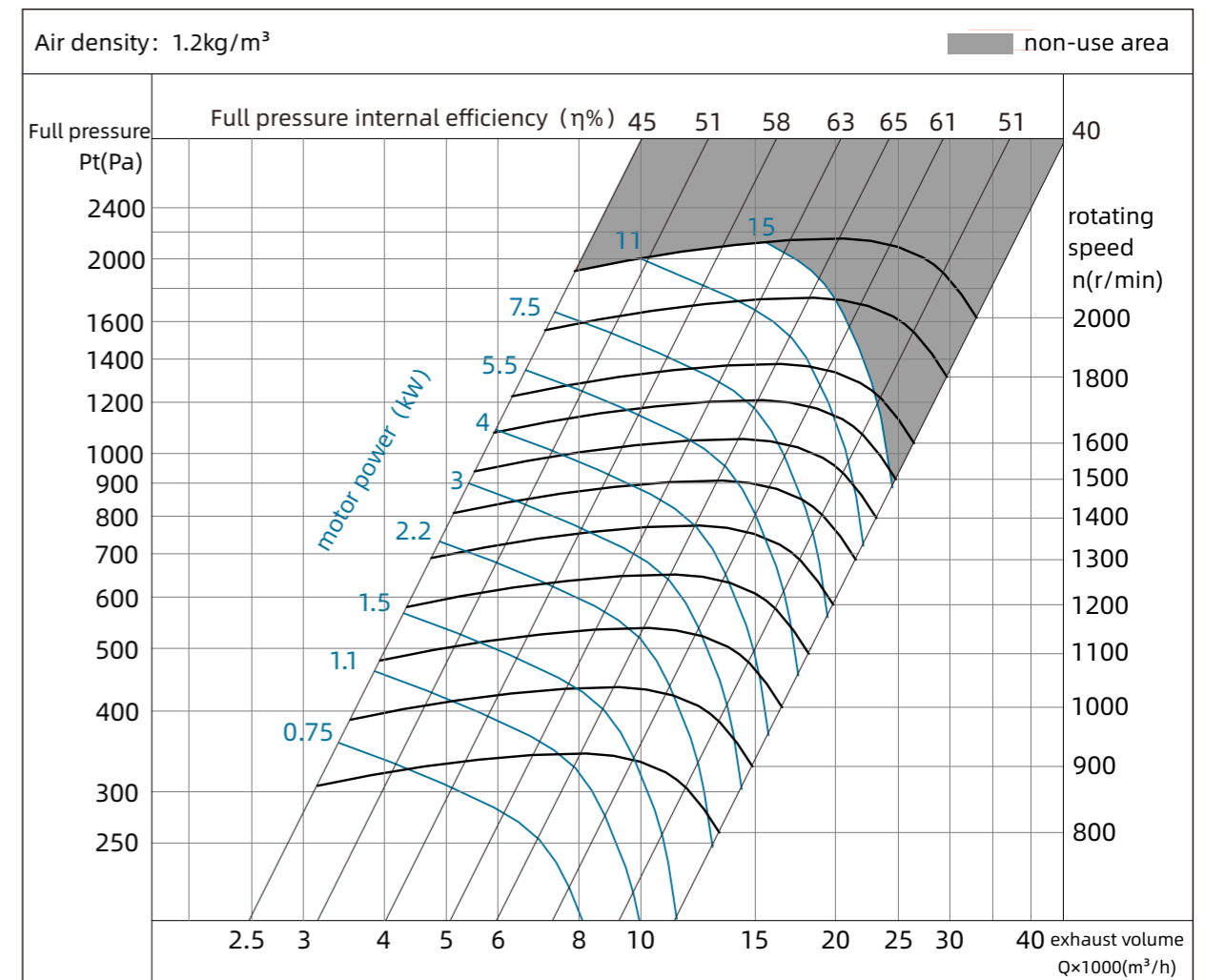
Description

- "Width W-30" in the above table means W1 = W - 30mm, W2 = W1 - 70mm
- L6, L7, W1, and W2 are bottom parameters, among which W2 is the maximum value. When configuring motors with different powers, the W2 value will change, but it will not exceed the W2 value in the table.
- The total height of the overhead motor fan = the height of the cabinet fan H + the height of the chassis H5 + the height of the motor cover H2

LFTWG-15"- Performance parameter table

转速 (rpm)	电机功率 (kw)	风量 (m³/h)	全压 (Pa)	静压 (Pa)	噪音 dB(A)	重量 (KG)	电机型号
860	1.5	8728	402	305	69	190	90L-4
980	2.2	9917	519	394	72	196	100L1-4
1090	3	10998	639	484	75	201	100L2-4
1200	4	12103	773	586	77	212	112M-4
1330	5.5	13459	956	724	79	230	132S-4

LFTWG-15" Performance curve

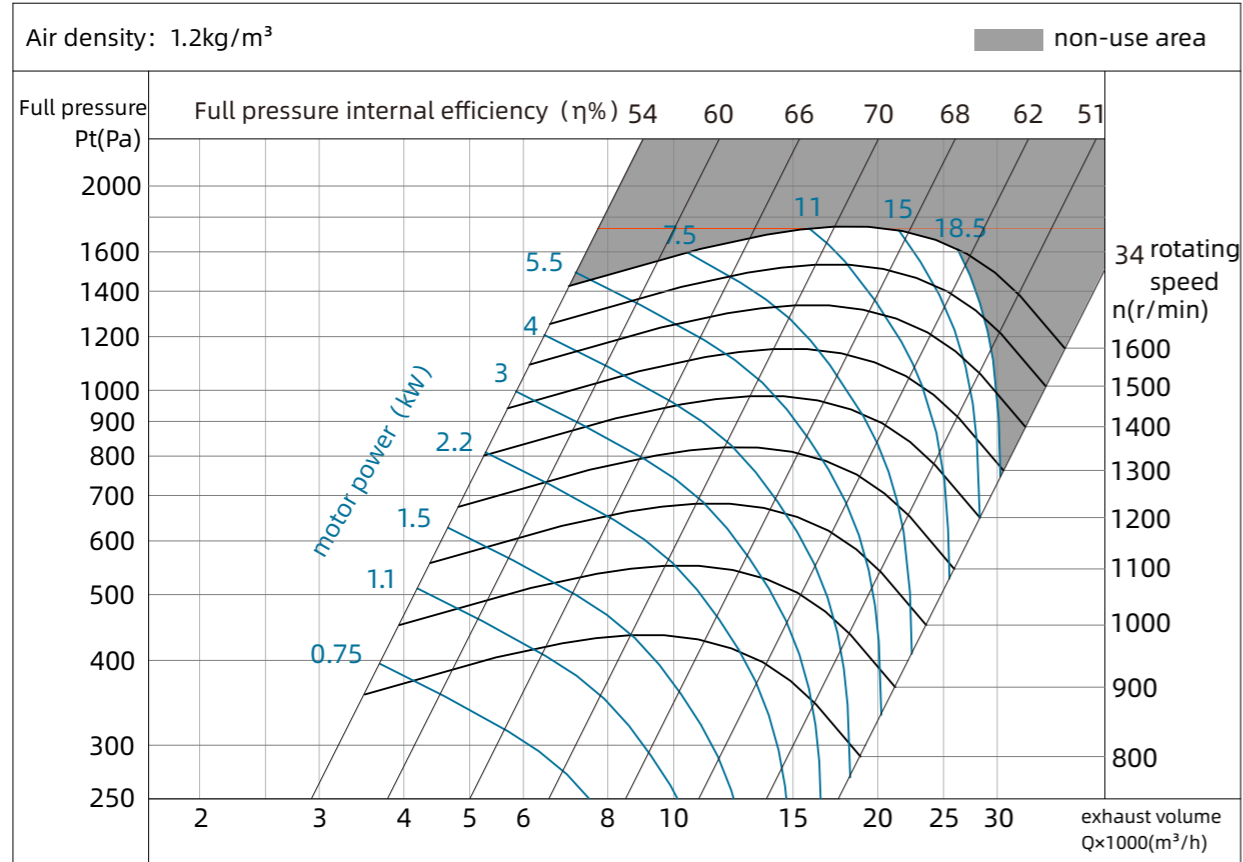




LFTWG-18"- Performance parameter table

rotating speed (rpm)	motor power (kW)	exhaust volume (m ³ /h)	full pressure (Pa)	static pressure (Pa)	Noise dB(A)	weight (KG)	Motor type
830	2.2	11556	466	379	74	187	100L1-4
930	3	12814	573	466	80	191	100L2-4
1020	4	14106	694	564	82	204	112M-4
1130	5.5	15686	858	698	80	232	132S-4
1260	7.5	17394	1055	858	83	245	132M-4

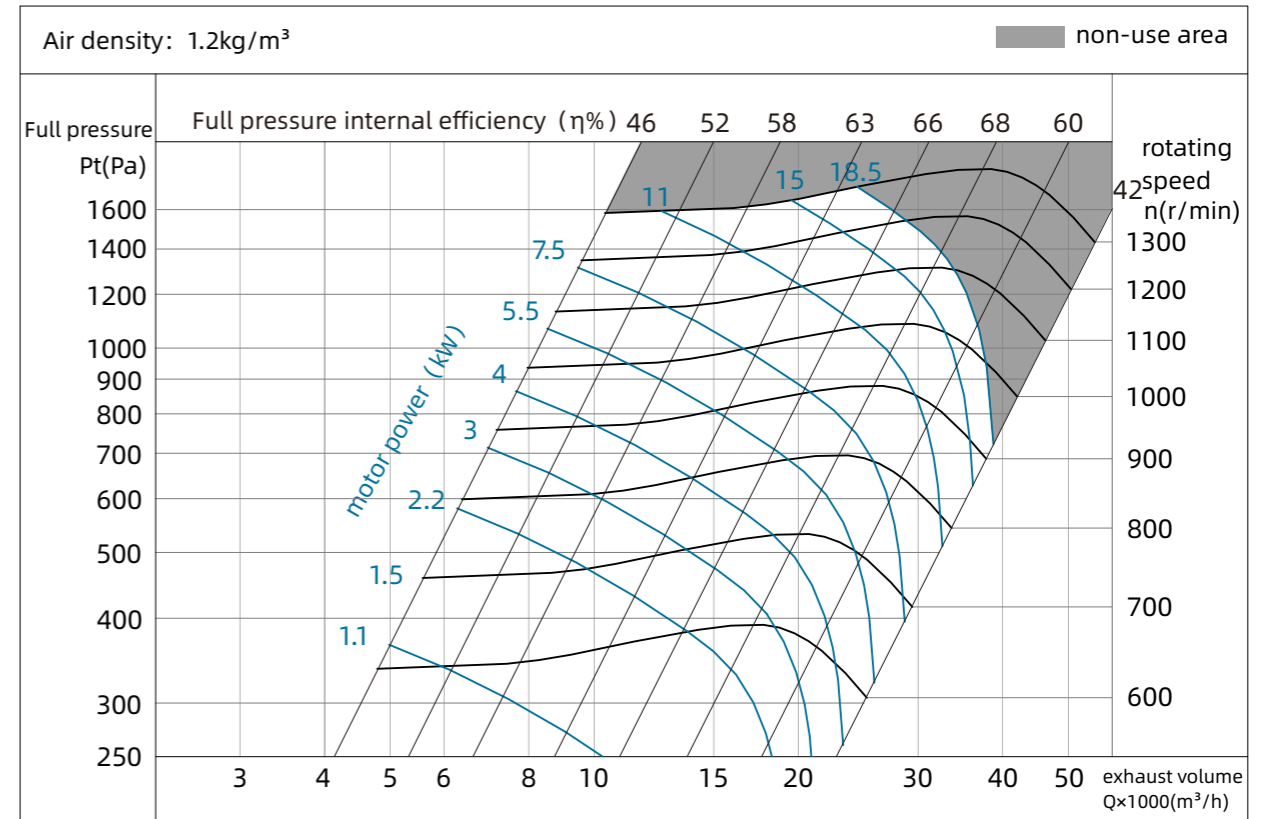
LFTWG-18"Performance curve



LFTWG-20"- Performance parameter table

rotating speed (rpm)	motor power (kW)	exhaust volume (m ³ /h)	full pressure (Pa)	static pressure (Pa)	Noise dB(A)	weight (KG)	Motor type
730	4	16562	574	470	77	258	112M-4
820	5.5	18416	710	581	79	276	132S-4
900	7.5	20422	873	714	81	289	132M-4
1030	11	23206	1127	923	84	335	160M-4
1140	15	25734	1386	1134	86	348	160L-4

LFTWG-20"Performance curve

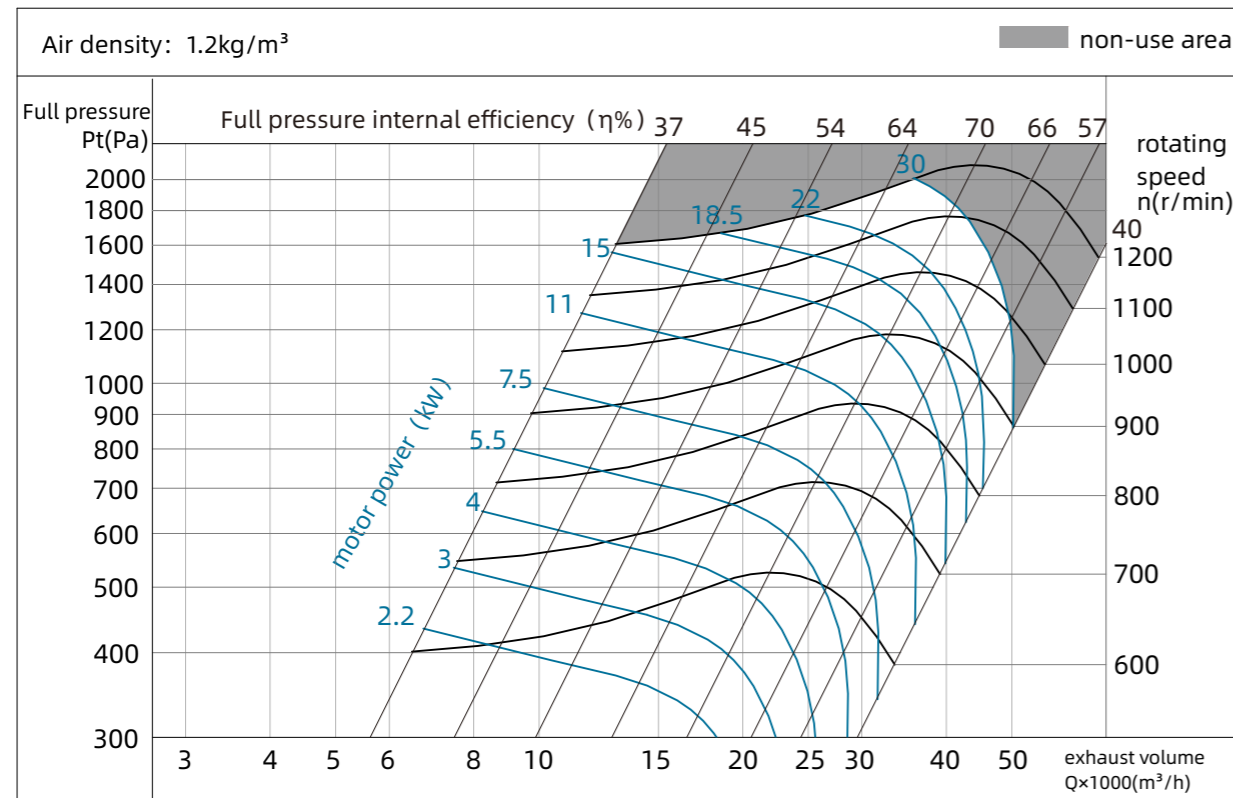




LFTWG-22"- Performance parameter table

rotating speed (rpm)	motor power (kW)	exhaust volume (m ³ /h)	full pressure (Pa)	static pressure (Pa)	Noise dB(A)	weight (KG)	Motor type
660	5.5	21652	628	500	79	289	132S-4
740	7.5	24010	772	615	81	302	132M-4
840	11	27277	997	795	84	348	160M-4
930	15	30248	1226	977	86	361	160L-4
1000	18.5	32441	1410	1124	88	402	180M-4

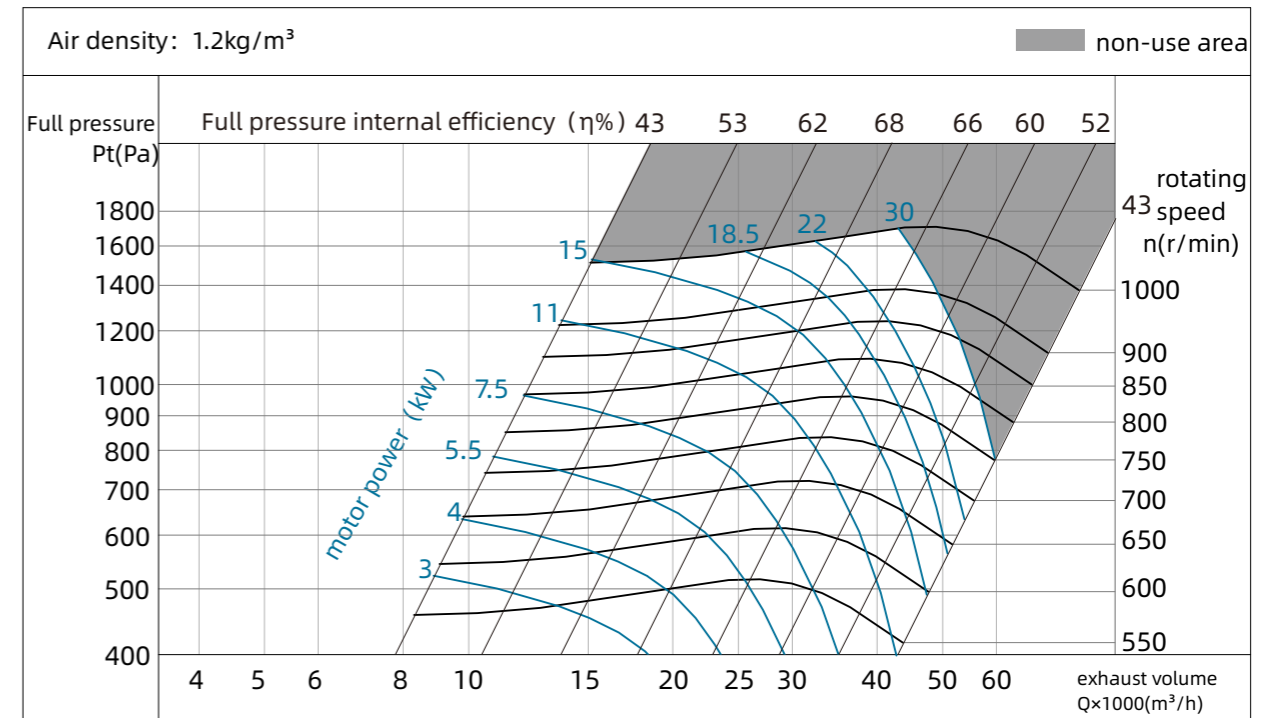
LFTWG-22" Performance curve



LFTWG-25"- Performance parameter table

rotating speed (rpm)	motor power (kW)	exhaust volume (m ³ /h)	full pressure (Pa)	static pressure (Pa)	Noise dB(A)	weight (KG)	Motor type
630	7.5	26971	678	563	85	334	132M-4
720	11	30641	876	727	88	380	160M-4
800	15	33978	1077	894	90	393	160L-4
850	18.5	36442	1239	1028	91	434	180M-4
900	22	38610	1390	1154	93	452	180L-4

LFTWG-25" Performance curve

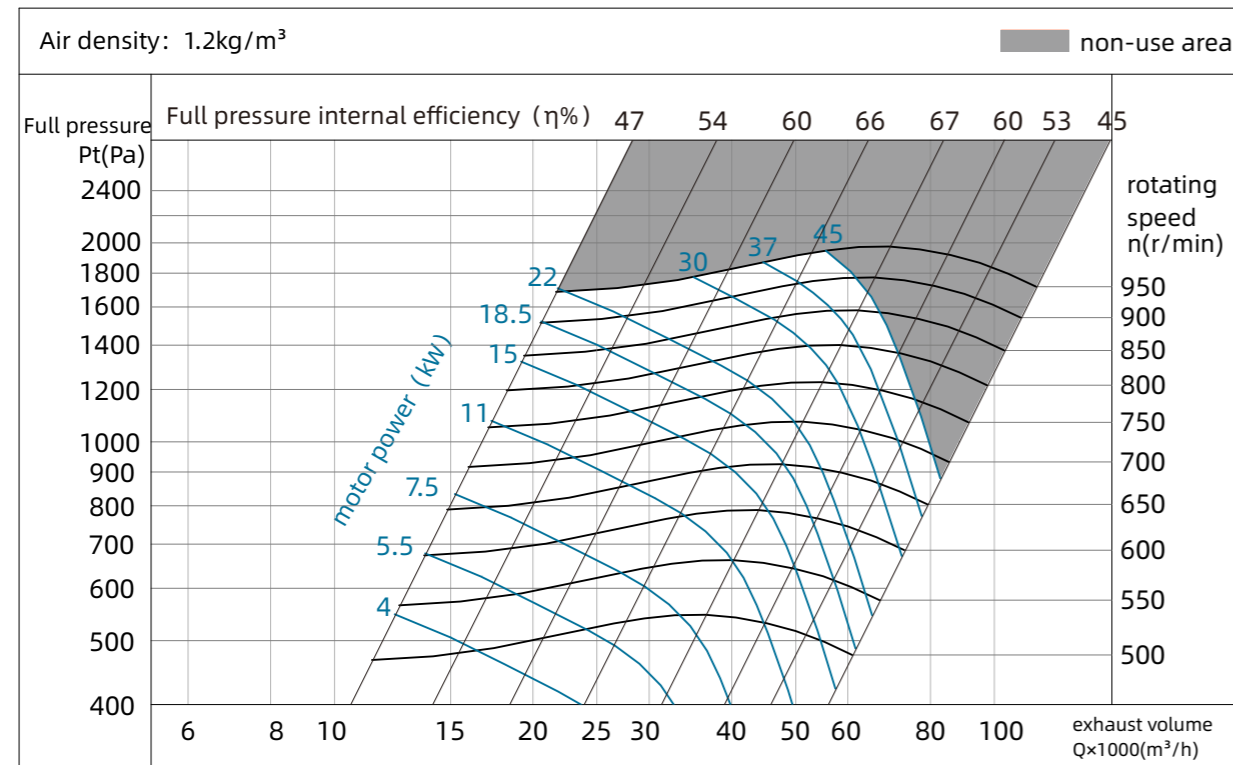




LFTWG-27.5"- Performance parameter table

rotating speed (rpm)	motor power (kW)	exhaust volume (m ³ /h)	full pressure (Pa)	static pressure (Pa)	Noise dB(A)	weight (KG)	Motor type
570	11	37463	715	558	85	483	160M-4
630	15	41543	879	687	87	496	160L-4
680	18.5	44555	1011	790	89	537	180M-4
720	22	47206	1135	887	90	555	180L-4
800	30	52348	1396	1090	92	615	200L-4

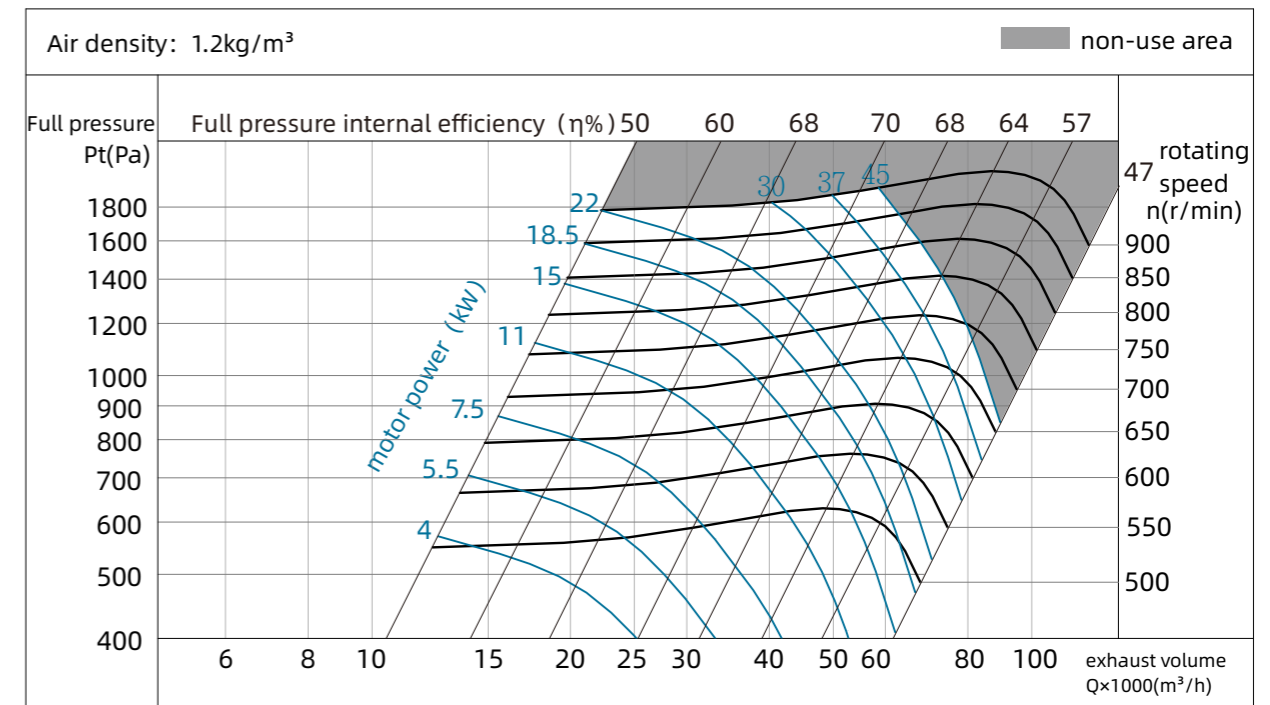
LFTWG-27.5" Performance curve



LFTWG-30"- Performance parameter table

rotating speed (rpm)	motor power (kW)	exhaust volume (m ³ /h)	full pressure (Pa)	static pressure (Pa)	Noise dB(A)	weight (KG)	Motor type
550	15	47512	755	573	86	587	160L-4
590	18.5	50945	868	659	87	628	180M-4
620	22	53976	975	739	89	646	180L-4
700	30	59855	1198	909	91	706	200L-4
750	37	64195	1378	1046	93	751	225S-4

LFTWG-30" Performance curve

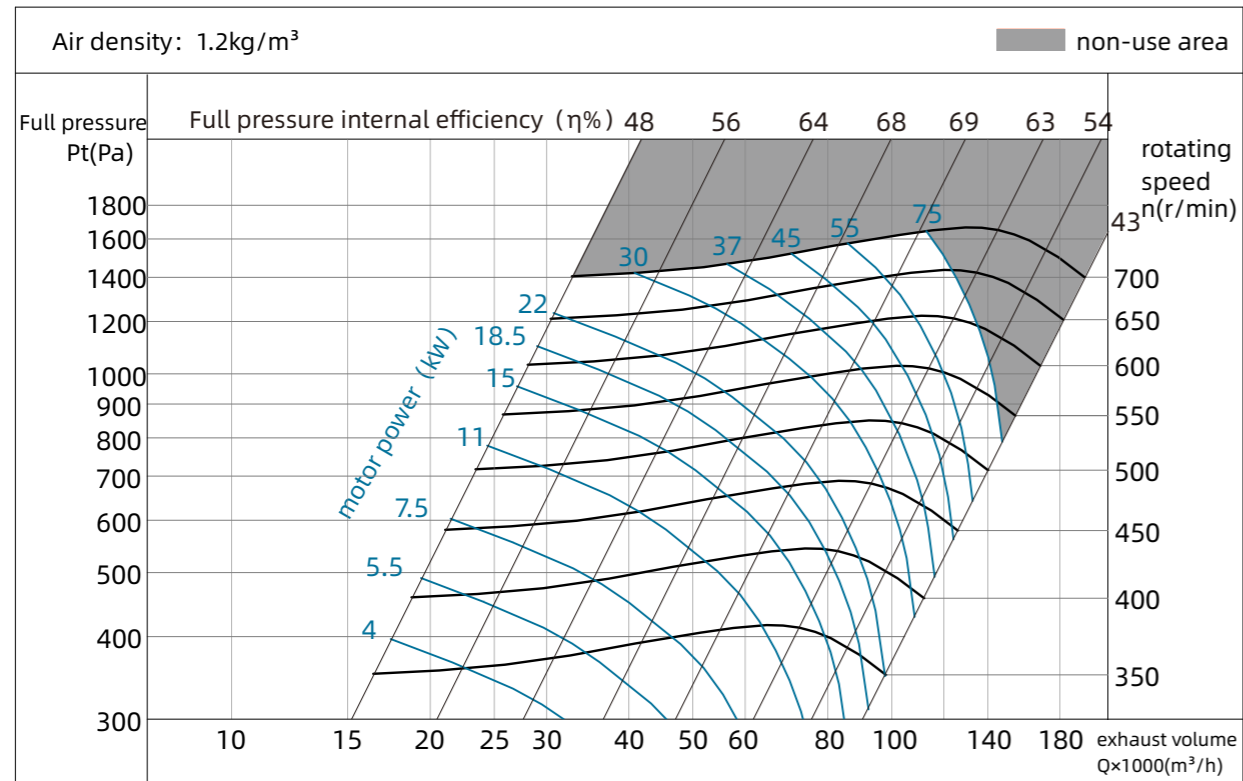




LFTWG-36"- Performance parameter table

rotating speed (rpm)	motor power (kW)	exhaust volume (m ³ /h)	full pressure (Pa)	static pressure (Pa)	Noise dB(A)	weight (KG)	Motor type
445	18.5	69599	661	541	91	851	180M-4
471	22	73739	742	607	92	869	180L-4
522	30	81771	912	746	94	929	200L-4
560	37	87680	1049	858	96	974	225S-4
598	45	93605	1195	978	97	1009	225M-4

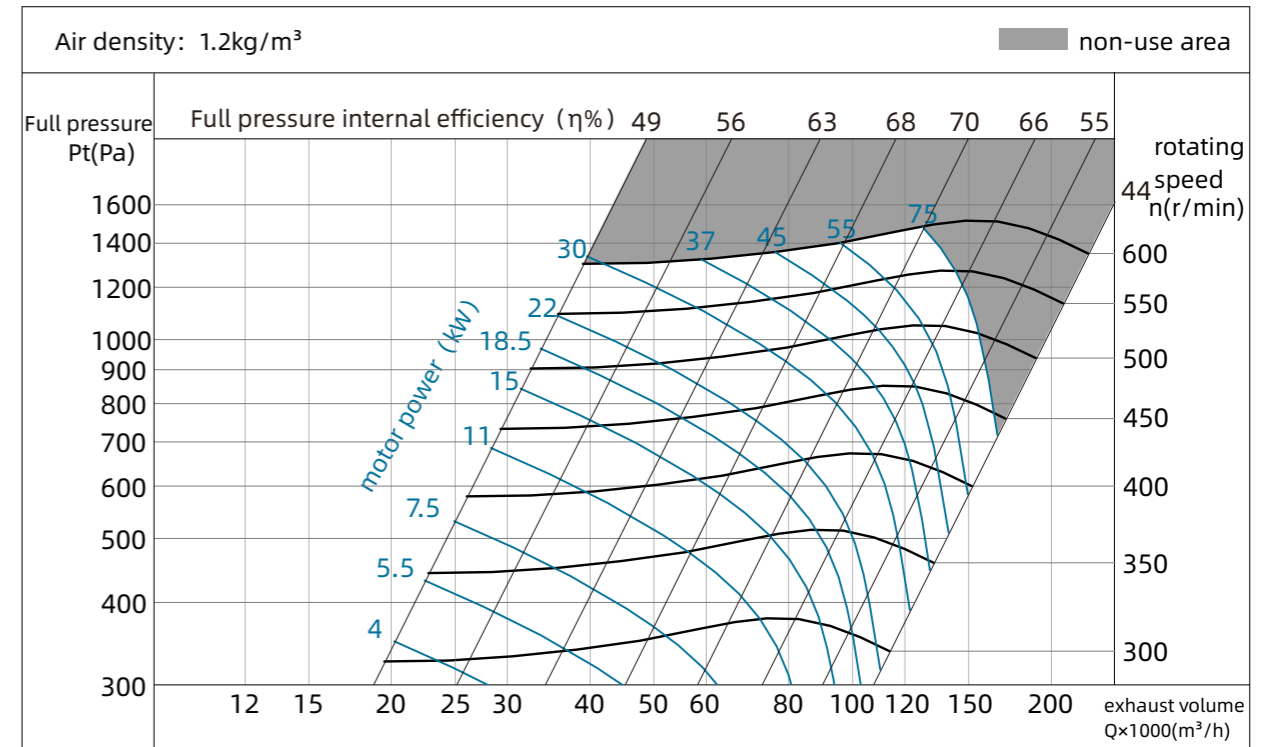
LFTWG-36" Performance curve



LFTWG-40"- Performance parameter table

rotating speed (rpm)	motor power (kW)	exhaust volume (m ³ /h)	full pressure (Pa)	static pressure (Pa)	Noise dB(A)	weight (KG)	Motor type
370	18.5	80556	579	473	92	879	180M-4
400	22	85349	650	531	93	897	180L-4
440	30	94646	799	653	95	957	200L-4
470	37	101508	919	751	97	1002	225S-4
500	45	108343	1047	855	98	1037	225M-4

LFTWG-40" Performance curve



LFHQ Backward curved cabinet-types centrifugal fan

Product performance and features

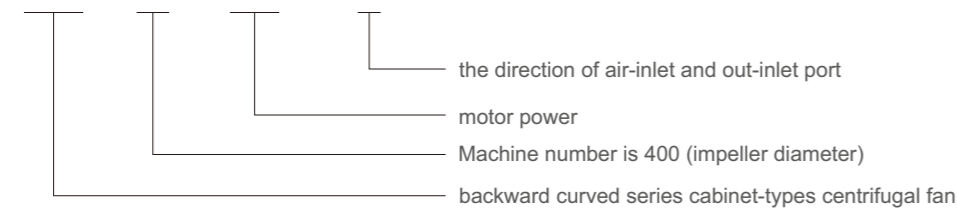
The backward-inclined series fans are suitable for ventilation and oil fume exhaust systems. It is driven by a motor belt, has a simple and compact structure, and is easy to maintain. The impeller needs to be cleaned regularly. Models 355, 400, 450, 500, 560, 630, 710, 800, 900 and 1000 are available. It adopts double air inlet backward curved impeller, which has high static pressure, high efficiency and high energy saving. The configured motor power configuration is not overloaded and the motor will not be burned due to overload.

Application areas

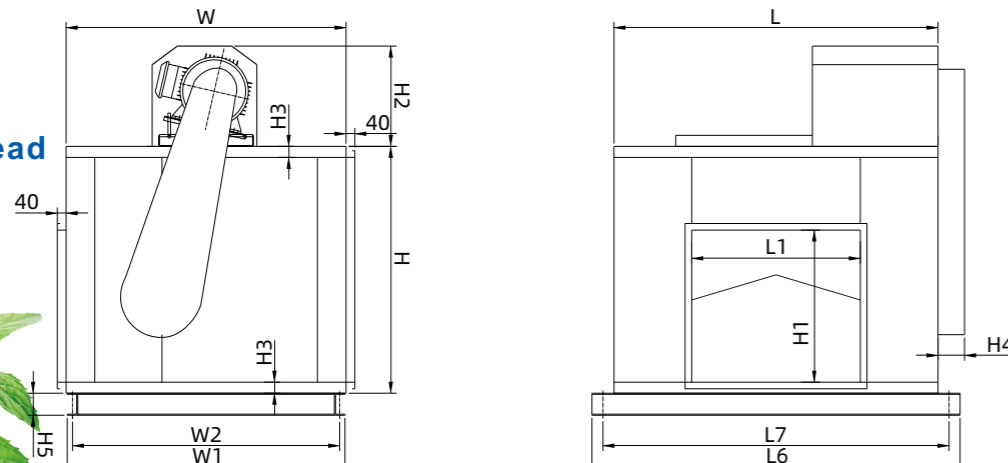
It is suitable for hotels, gymnasiums, schools, restaurants, cinemas, auditoriums and high-end residential buildings as high-pressure ventilation and kitchen fume/smoke emission systems.



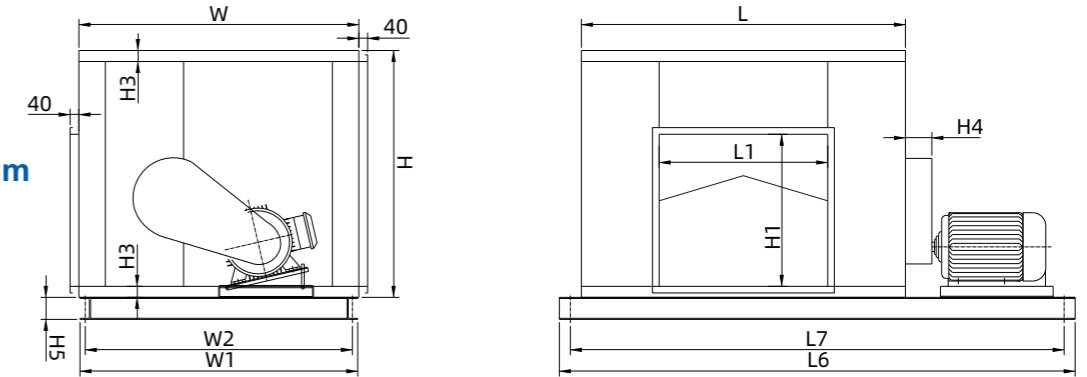
LFHQ - 400 - 5.5kW - A



Motor overhead A/B/C/D



Motor bottom A/B/C/D



The overall dimensions table of LFHQ

unit: mm

specification model	external dimension			air-outlet port		Air-inlet port		Motor power (Kw)	Motor cover height (H2)	
	L	W	H	W	H	L1	H1			
355(12")-A/B	850	750	750	650	650	452	452	1.5~4kW	0.55~1.5kw H=300	
355(12")-C	850	850	750	650	650	452	452			
400(15")-A/B	950	820	820	750	720	505	505	2.2~5.5kW		
400(15")-C	950	980	820	750	720	505	505			
450(18")-A/B	1100	860	880	900	780	560	560	3~7.5kW		2.2~3kw H=340
450(18")-C	1100	1110	880	900	780	560	560			
500(20")-A/B	1260	1010	960	1060	860	640	640	4~11kW		4KW H=380
500(20")-C	1260	1150	960	1060	860	640	640			
560(22")-A/B	1360	1100	1100	1160	1000	700	700	5.5~15kW		5.5~7.5kw H=410
560(22")-C	1360	1250	1050	1160	950	700	700			
630(25")-A/B	1520	1150	1230	1320	1130	800	800	7.5~18.5kW	11~15kw H=455	
630(25")-C	1520	1450	1180	1320	1080	800	800			
710(28")-A/B	1670	1310	1350	1470	1250	900	900	11~22kW	18.5~22kw H=540	
710(28")-C	1670	1520	1350	1370	1250	900	900			
800(30")-A/B	1800	1400	1520	1500	1420	1000	1000	15~30kW	30~37kw H=610	
800(30")-C	1800	1690	1520	1500	1420	1000	1000			
900(36")-A/B	1900	1700	1700	1600	1600	1130	1130	18.5~37kW		
900(36")-C	1900	1900	1700	1600	1600	1130	1130			
1000(40")-A/B	2100	1900	1900	1800	1800	1260	1260	22~45kW		
1000(40")-C	2100	2100	1900	1800	1800	1260	1260			

LFHQ chassis size specification table

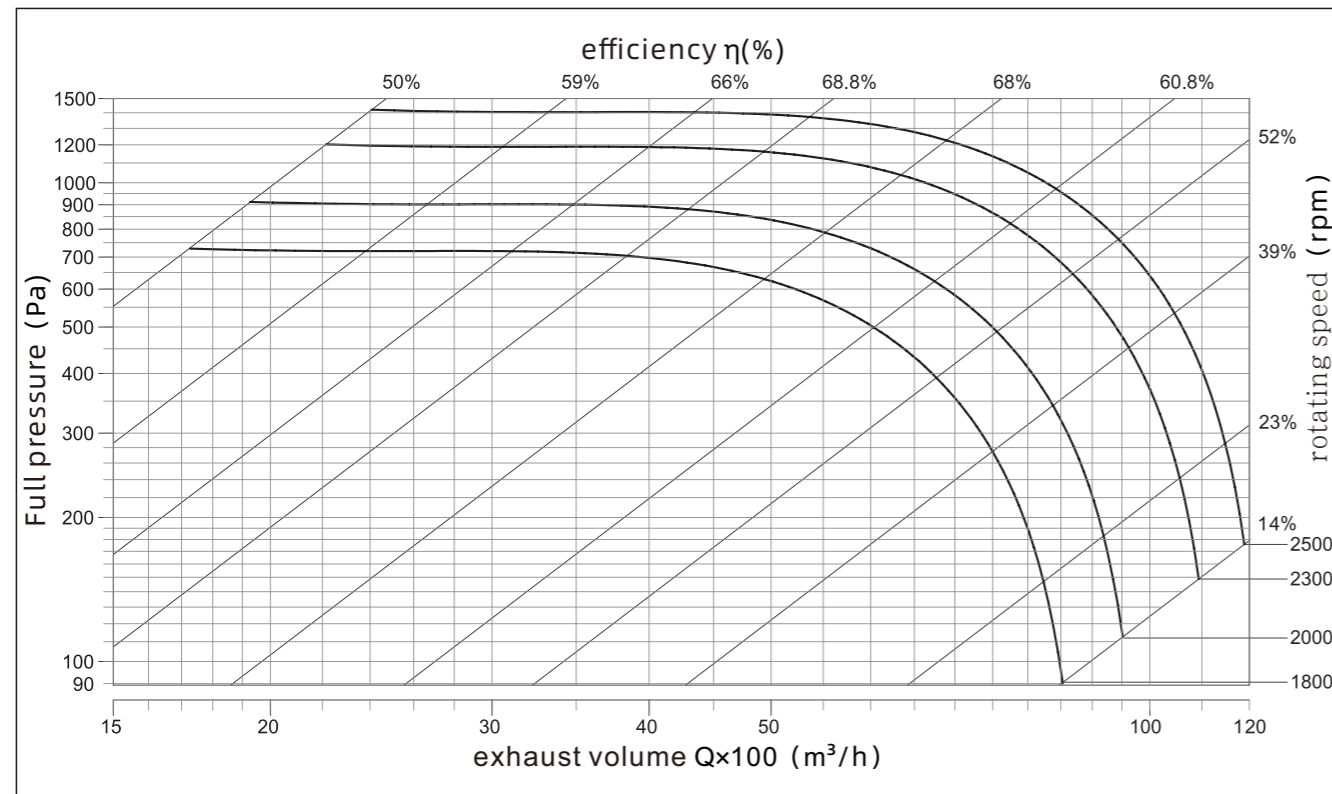
specification model	Chassis size								Height of upper and lower cover		Belt thickness H4	
	L6		L7		H5	W1		W2		H3		
	overhead	put in bottom	overhead	put in bottom		overhead	put in bottom	overhead	put in bottom	ordinary		frame
355(12")	1050	1550	1010	1480	60	W-30	W-30	W1-70	W1-70	35	-	130
400(15")	1150	1650	1110	1580	60					35	-	130
450(18")	1300	1800	1230	1730	60					35	-	130
500(20")	1460	2100	1390	2030	80					35	-	140
560(22")	1560	2250	1490	2180	80					35	-	140
630(25")	1720	2450	1650	2380	100					35	-	140
710(28")	1870	2640	1800	2570	100					50	-	150
800(30")	2000	2840	1930	2770	100					50	-	150
900(36")	2100	3000	2030	2930	100					50	-	150
1000(40")	2300	3230	2230	3160	100					50	-	160

Description

- "Width W-30" in the above table means W1 = W - 30mm, W2 = W1 - 70mm
- L6, L7, W1, and W2 are bottom parameters, among which W2 is the maximum value. When configuring motors with different powers, the W2 value will change, but it will not exceed the W2 value in the table.
- The total height of the overhead motor fan = the height of the cabinet fan H + the height of the chassis H5 + the height of the motor cover H2
- Due to the heavy weight of the configured motor, fans of models 800 to 1000 only support the bottom model of the motor.
- Regular models are A / B / C, and other styles can be customized.



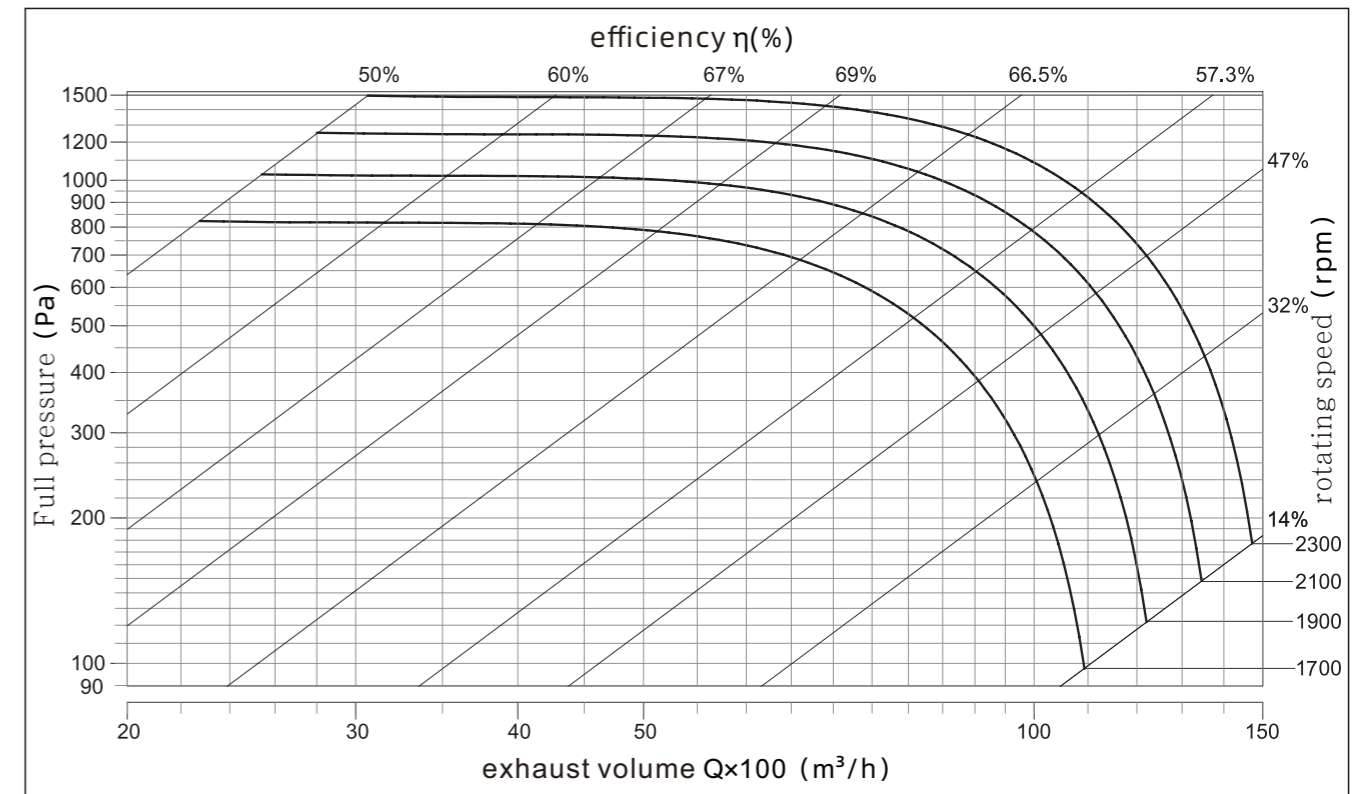
LFHQ-355(12")Performance curve



LFHQ-355(12") Performance parameter table

rotating speed (r/min)	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kw)	weight (KG)	Motor type
1800	1	1733	735	731	≤71	1.5	172	90L-4
	2	2665	726	716				
	3	3330	724	712				
	4	4665	660	636				
	5	6000	510	470				
	6	7333	306	247				
2000	1	1926	907	902	≤72	2.2	178	100L1-4
	2	2961	896	884				
	3	3700	894	879				
	4	5183	815	785				
	5	6667	630	580				
	6	8148	378	305				
2300	1	2214	1200	1194	≤74	3	183	100L2-4
	2	3405	1185	1169				
	3	4255	1182	1162				
	4	5961	1078	1038				
	5	7667	833	768				
	6	9370	500	403				
2500	1	2407	1418	1410	≤76	4	194	112M-4
	2	3701	1400	1381				
	3	4625	1397	1373				
	4	6479	1273	1227				
	5	8333	984	907				
	6	10185	590	476				

LFHQ-400(15")Performance curve

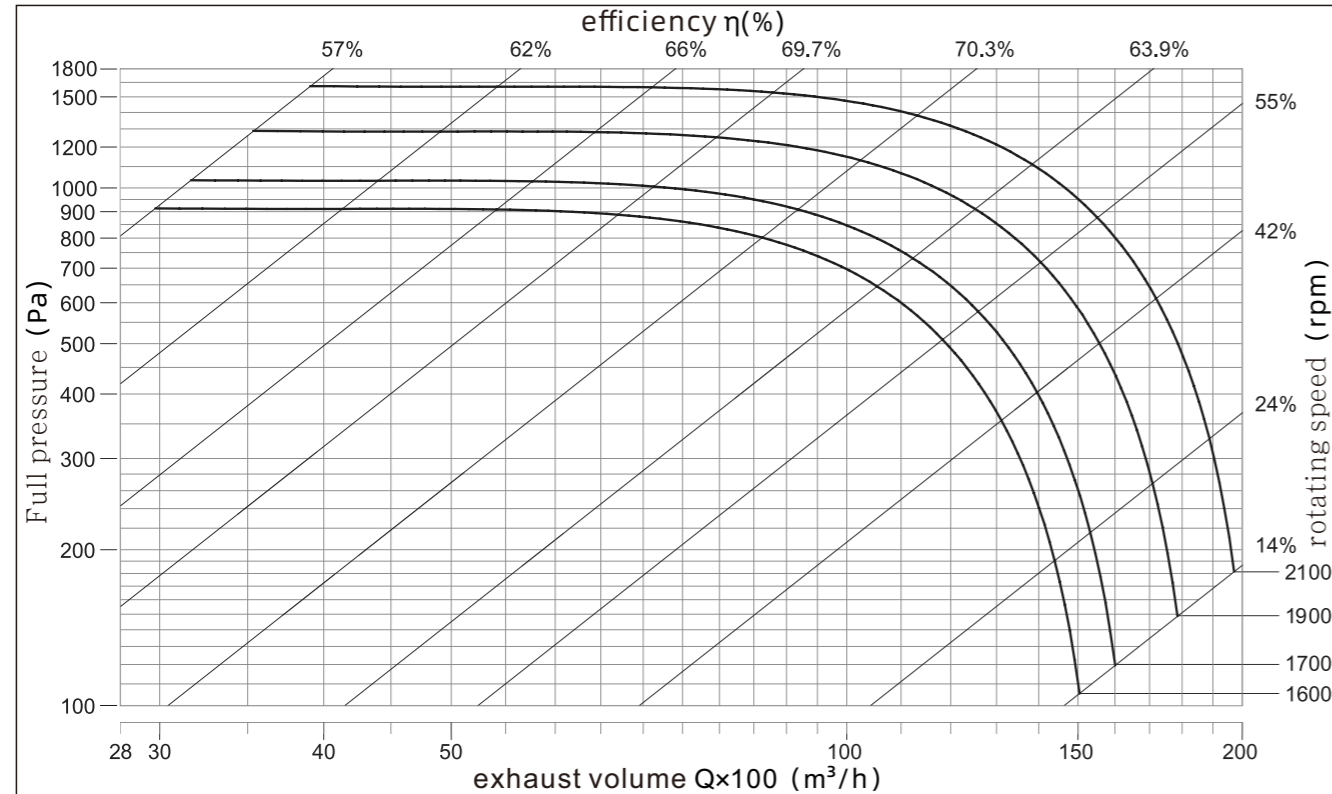


LFHQ-400(15") Performance parameter table

rotating speed (r/min)	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kw)	weight (KG)	Motor type
1700	1	2689	814	809	≤73	2.2	197	100L1-4
	2	4443	803	790				
	3	6115	726	700				
	4	7848	570	530				
	5	8459	486	436				
	6	9200	348	288				
1900	1	3005	1017	1011	≤74	3	202	100L2-4
	2	4966	1003	987				
	3	6834	907	874				
	4	8771	712	658				
	5	9454	607	545				
	6	10282	435	360				
2100	1	3322	1242	1234	≤76	4	213	112M-4
	2	5488	1225	1206				
	3	7554	1108	1068				
	4	9695	870	804				
	5	10449	742	665				
	6	11365	531	439				
2300	1	3638	1490	1481	≤78	5.5	231	132S-4
	2	6011	1470	1446				
	3	8273	1329	1281				
	4	10618	1043	965				
	5	11445	890	798				
	6	12447	637	527				



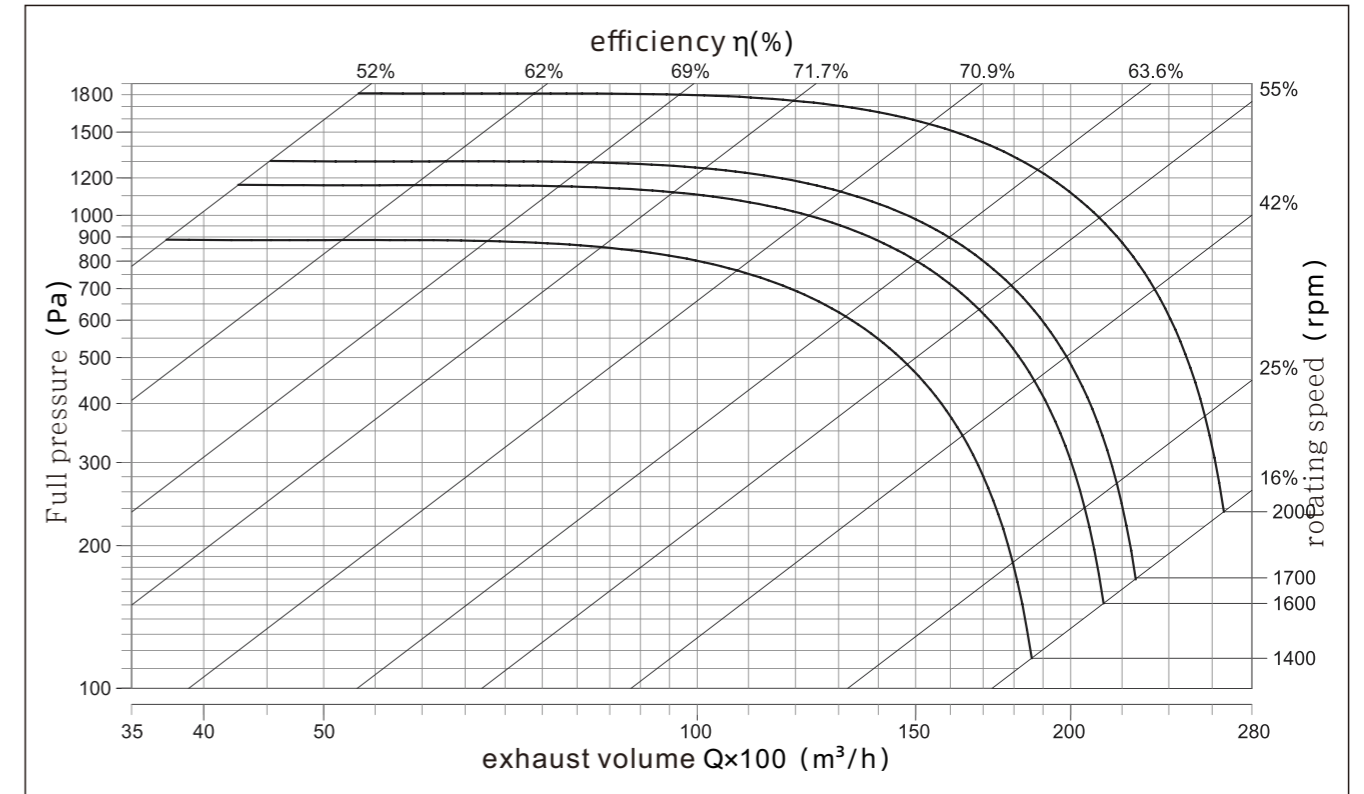
LFHQ-450(18")Performance curve



LFHQ-450(18")Performance parameter table

rotating speed (r/min)	Operating point serial number	exhaust volume (m ³ /h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
1600	1	4500	921	911	≤75	3	218	100L2-4
	2	5954	910	892				
	3	8194	835	804				
	4	10517	635	583				
	5	11336	545	485				
	6	12329	431	360				
1700	1	4781	1040	1028	≤76	4	229	112M-4
	2	6326	1027	1007				
	3	8706	943	908				
	4	11174	717	658				
	5	12045	615	548				
	6	13100	487	406				
1900	1	5344	1299	1285	≤78	5.5	247	132S-4
	2	7070	1283	1258				
	3	9730	1177	1134				
	4	12489	895	822				
	5	13462	769	684				
	6	14641	608	508				
2100	1	5906	1587	1569	≤80	7.5	260	132M-4
	2	7815	1568	1537				
	3	10755	1438	1385				
	4	13804	1094	1004				
	5	14879	939	835				
	6	16182	742	620				

LFHQ-500(20")Performance curve

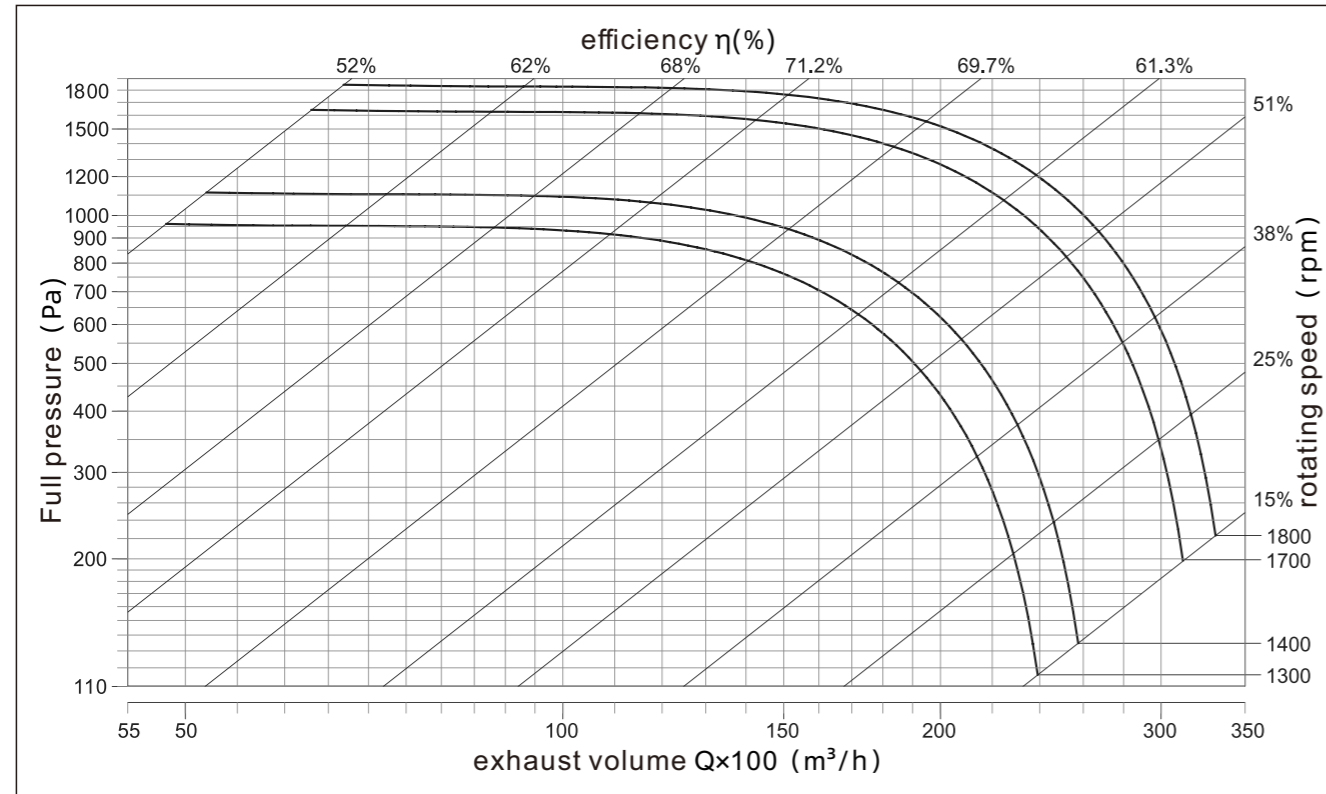


LFHQ-500(20")Performance parameter table

rotating speed (r/min)	Operating point serial number	exhaust volume (m ³ /h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
1400	1	4612	899	893	≤77	4	298	112M-4
	2	7795	878	861				
	3	10913	757	724				
	4	12542	651	608				
	5	14165	543	487				
	6	15565	412	346				
1600	1	5271	1174	1166	≤79	5.5	316	132S-4
	2	8908	1147	1125				
	3	12472	989	945				
	4	14334	850	794				
	5	16188	709	636				
	6	17788	539	452				
1700	1	5600	1325	1316	≤80	7.5	329	132M-4
	2	9465	1295	1270				
	3	13251	1116	1067				
	4	15230	960	896				
	5	17200	800	718				
	6	18900	608	510				
2000	1	6588	1834	1822	≤82	11	375	160M-4
	2	11135	1792	1758				
	3	15589	1545	1477				
	4	17918	1329	1240				
	5	20235	1107	994				
	6	22235	842	706				



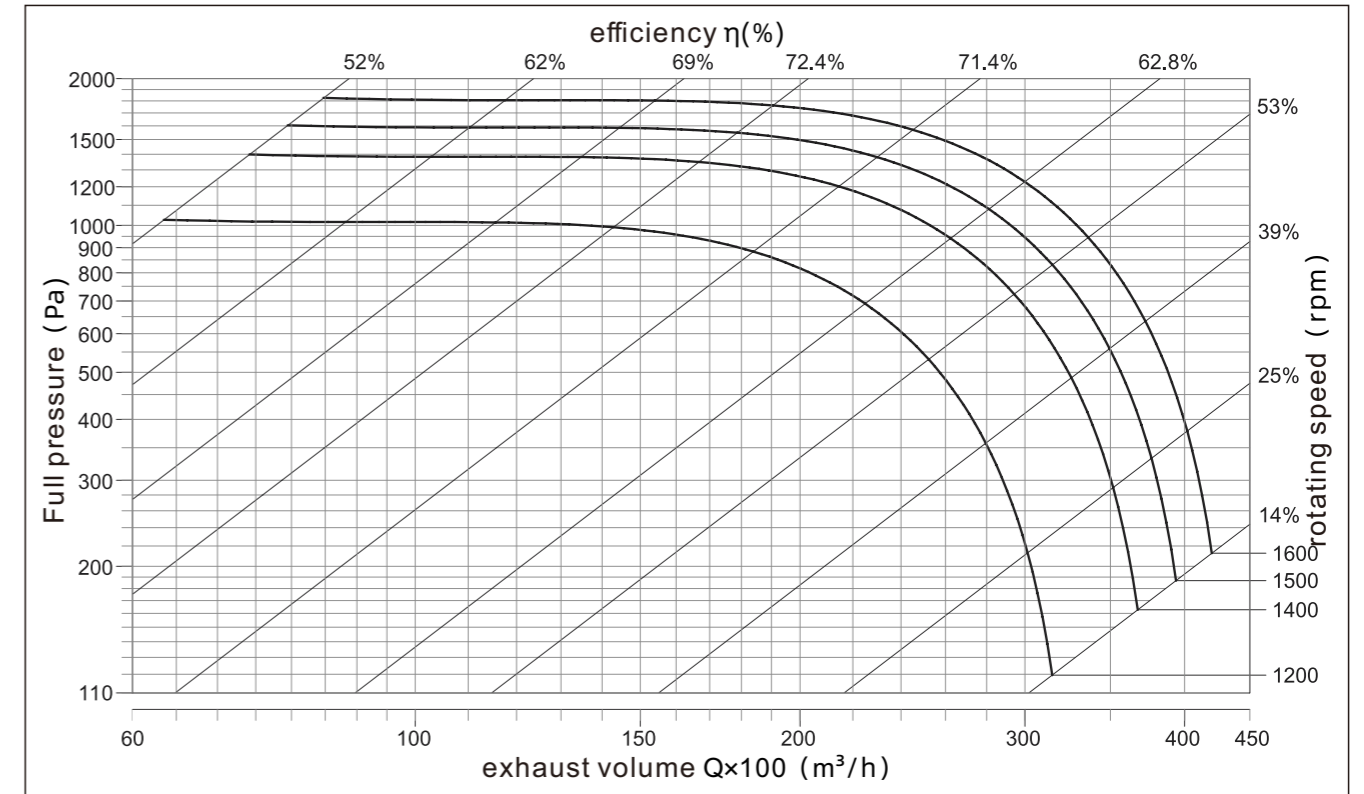
LFHQ-560(22") Performance curve



LFHQ-560(22") Performance parameter table

rotating speed (r/min)	Operating point serial number	exhaust volume (m^3/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
1300	1	5812	965	959	≤ 79	5.5	323	132S-4
	2	9605	915	898				
	3	13153	840	806				
	4	15615	787	740				
	5	17588	627	567				
	6	19577	465	391				
1400	1	6260	1119	1112	≤ 80	7.5	336	132M-4
	2	10344	1061	1041				
	3	14165	974	935				
	4	16817	913	858				
	5	18941	727	658				
	6	21082	539	454				
1700	1	7600	1650	1639	≤ 82	11	382	160M-4
	2	12560	1565	1535				
	3	17200	1436	1379				
	4	20420	1346	1265				
	5	23000	1072	970				
	6	25600	795	669				
1800	1	8047	1850	1838	≤ 83	15	395	160L-4
	2	13300	1755	1721				
	3	18212	1610	1546				
	4	21621	1509	1418				
	5	24353	1202	1088				
	6	27106	891	750				

LFHQ-630(25") Performance curve

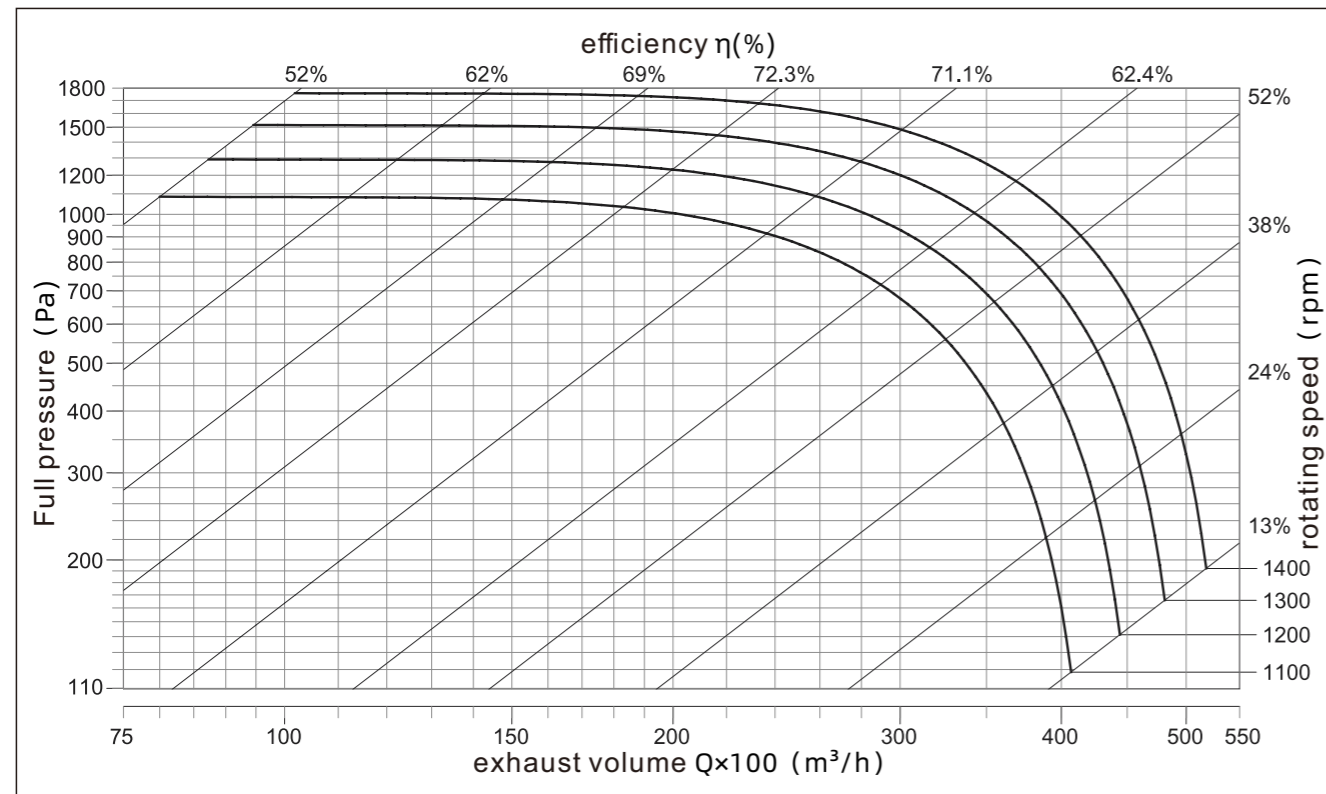


LFHQ-630(25") Performance parameter table

rotating speed (r/min)	Operating point serial number	exhaust volume (m^3/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
1200	1	8571	1037	1029	≤ 78	7.5	365	132M-4
	2	12000	1018	1001				
	3	17143	917	884				
	4	21298	735	683				
	5	24823	555	430				
	6	27429	382	298				
1400	1	10000	1412	1401	≤ 80	11	411	160M-4
	2	14000	1385	1363				
	3	20000	1248	1203				
	4	24848	1000	930				
	5	28960	755	585				
	6	32000	521	405				
1500	1	10714	1621	1608	≤ 81.5	15	424	160L-4
	2	15000	1590	1565				
	3	21429	1433	1381				
	4	26623	1148	1068				
	5	31029	867	672				
	6	34286	598	465				
1600	1	11429	1844	1830	≤ 83	18.5	465	180M-4
	2	16000	1809	1780				
	3	22857	1630	1571				
	4	28398	1306	1215				
	5	33097	986	764				
	6	36571	681	529				



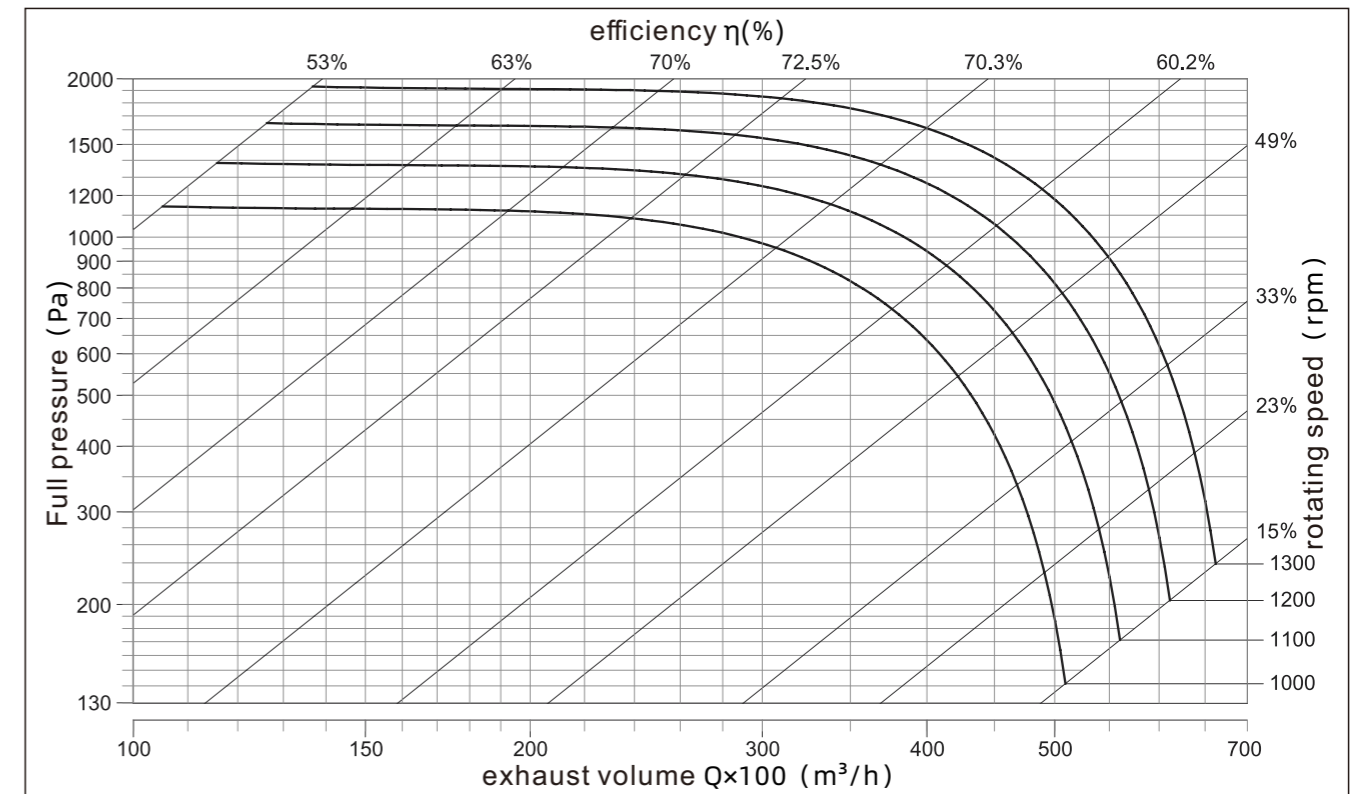
LFHQ-710(28")Performance curve



LFHQ-710(28") Performance parameter table

rotating speed (r/min)	Operating point serial number	exhaust volume (m ³ /h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kw)	weight (KG)	Motor type
1100	1	9731	1074	1067	≤80	11	528	160M-4
	2	16077	1060	1042				
	3	22127	958	924				
	4	28399	752	695				
	5	30608	641	575				
	6	34411	476	392				
1200	1	10615	1278	1270	≤81	15	571	160L-4
	2	17539	1261	1240				
	3	24139	1140	1099				
	4	30980	895	827				
	5	33391	763	684				
	6	37540	567	467				
1300	1	11500	1500	1490	≤83	18.5	612	180M-4
	2	19000	1480	1455				
	3	26150	1338	1290				
	4	33562	1050	971				
	5	36173	895	803				
	6	40668	665	548				
1400	1	12385	1740	1728	≤85	22	630	180L-4
	2	20462	1716	1687				
	3	28162	1552	1496				
	4	36144	1218	1126				
	5	38956	1038	931				
	6	43796	771	636				

LFHQ-800(30")Performance curve

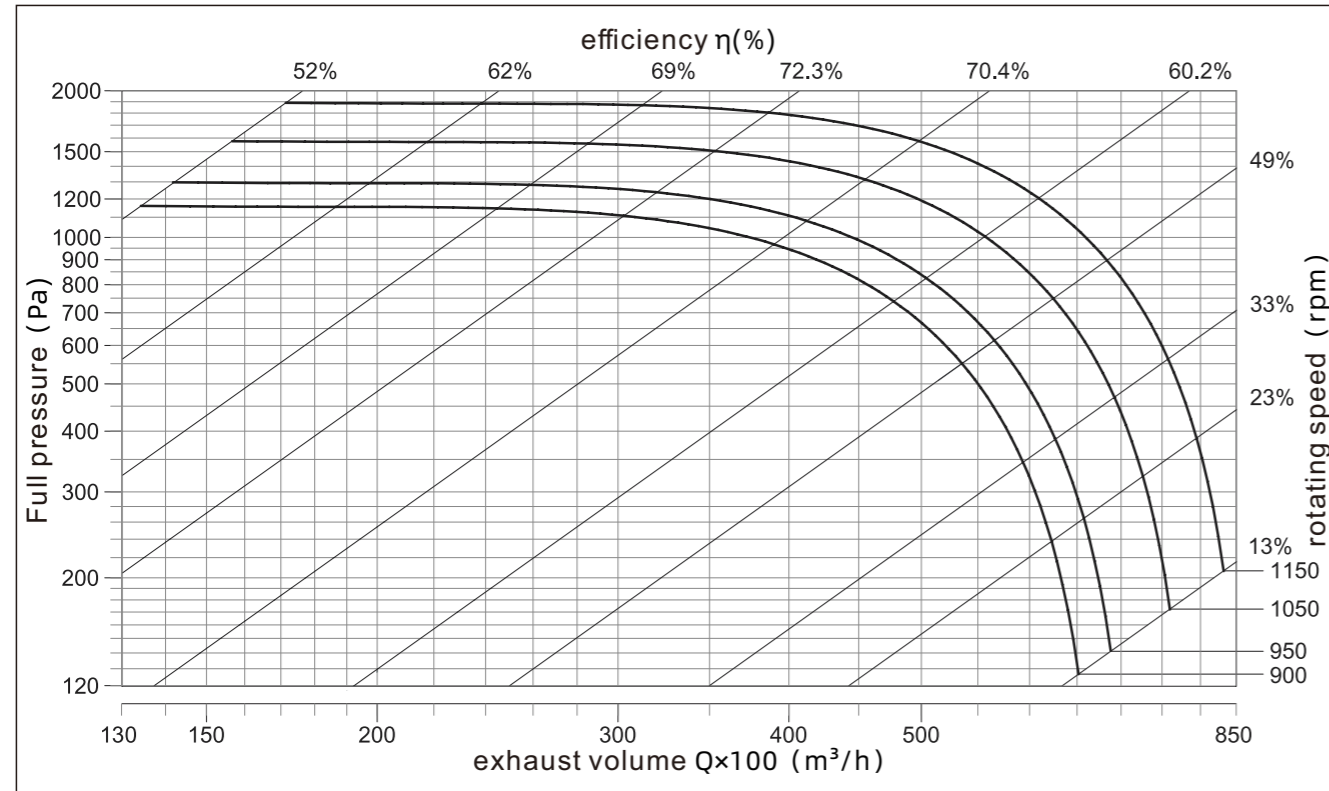


LFHQ-800(30") Performance parameter table

rotating speed (r/min)	Operating point serial number	exhaust volume (m ³ /h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kw)	weight (KG)	Motor type
1000	1	12083	1170	1163	≤83	15	721	160L-4
	2	20000	1115	1097				
	3	26667	1042	1008				
	4	32710	890	840				
	5	39043	695	624				
	6	45000	438	345				
1100	1	13292	1416	1408	≤84	18.5	762	180M-4
	2	22000	1350	1327				
	3	29333	1261	1220				
	4	35981	1077	1017				
	5	42947	840	755				
	6	49500	530	417				
1200	1	14500	1685	1675	≤86	22	780	180L-4
	2	24000	1606	1579				
	3	32000	1500	1452				
	4	39252	1282	1210				
	5	46851	1000	899				
	6	54000	631	496				
1300	1	15708	1978	1966	≤88	30	840	200L-4
	2	26000	1885	1853				
	3	34667	1760	1704				
	4	42523	1505	1420				
	5	50755	1174	1055				
	6	58500	741	582				



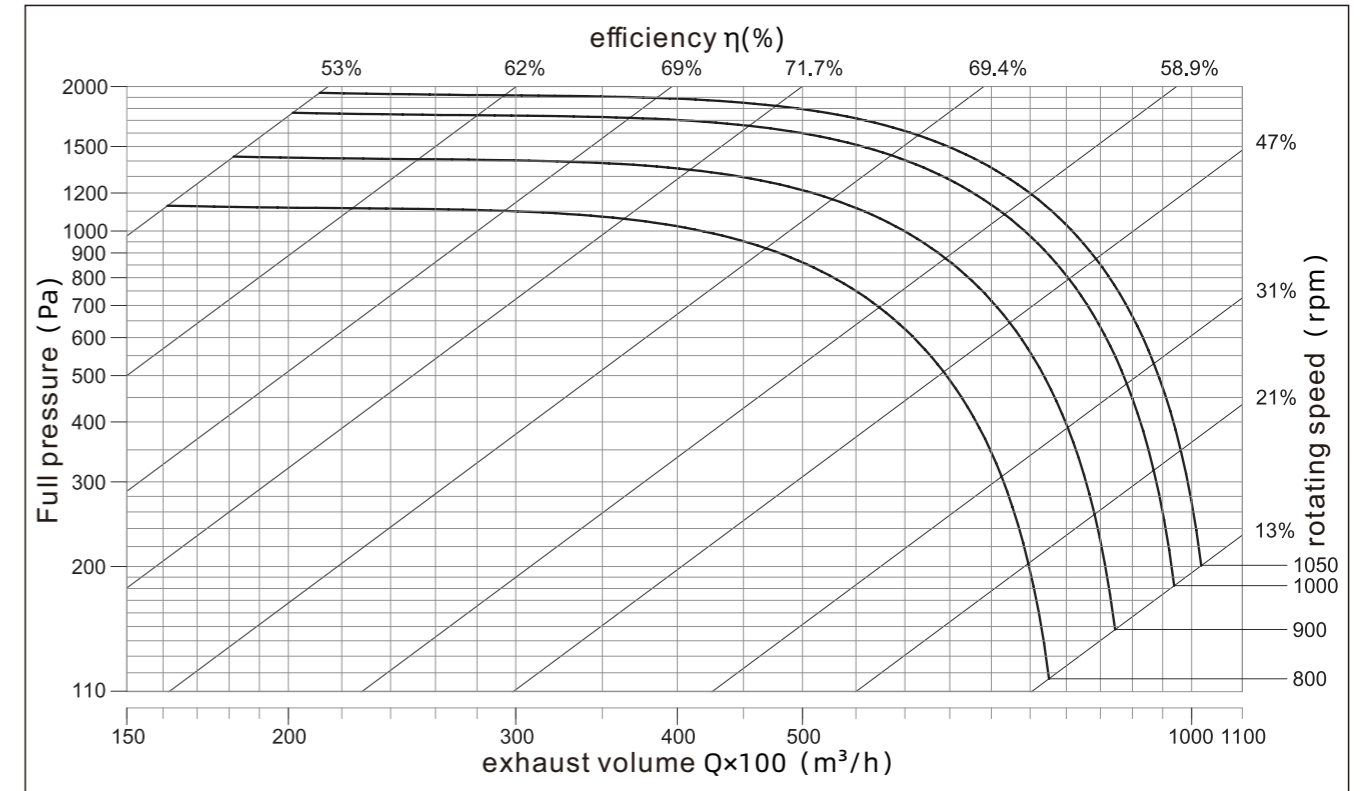
LFHQ-900(36")Performance curve



LFHQ-900(36")Performance parameter table

rotating speed (r/min)	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
900	1	18474	1141	1131	≤85	18.5	865	180M-4
	2	29558	1082	1056				
	3	39316	933	889				
	4	45971	764	703				
	5	50787	624	550				
	6	55895	472	384				
950	1	19500	1271	1260	≤86	22	883	180L-4
	2	31200	1205	1177				
	3	41500	1040	991				
	4	48525	851	783				
	5	53608	695	613				
	6	59000	526	428				
1050	1	21553	1553	1539	≤88	30	943	200L-4
	2	34484	1472	1438				
	3	45868	1270	1211				
	4	53633	1040	957				
	5	59251	849	749				
	6	65211	643	523				
1150	1	23605	1863	1846	≤90	37	988	225S-4
	2	37768	1766	1725				
	3	50237	1524	1452				
	4	58741	1247	1147				
	5	64894	1018	898				
	6	71421	771	627				

LFHQ-1000(40")Performance curve



LFHQ-1000(40") Performance parameter table

rotating speed (r/min)	Operating point serial number	exhaust volume (m³/h)	full pressure (pa)	static pressure (pa)	Noise (db)	power (kW)	weight (KG)	Motor type
800	1	24800	1155	1144	≤80	22	913	180L-4
	2	35376	1066	1043				
	3	44628	957	920				
	4	51080	832	784				
	5	57252	704	644				
	6	64000	503	428				
900	1	27900	1461	1448	≤82	30	973	200L-4
	2	39798	1349	1320				
	3	50207	1211	1165				
	4	57465	1053	992				
	5	64410	891	815				
	6	72000	637	541				
1000	1	31000	1804	1787	≤83	37	1018	225S-4
	2	44220	1665	1629				
	3	55785	1495	1438				
	4	63850	1300	1225				
	5	71565	1100	1006				
	6	80000	786	668				
1050	1	32550	1990	1970	≤85	45	1053	225M-4
	2	46131	1836	1796				
	3	58574	1648	1585				
	4	67043	1433	1351				
	5	75143	1212	1109				
	6	84000	867	737				

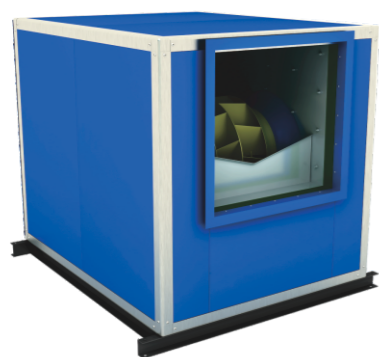
LGHQ-G high speed Suspension silent fan

Product performance and features

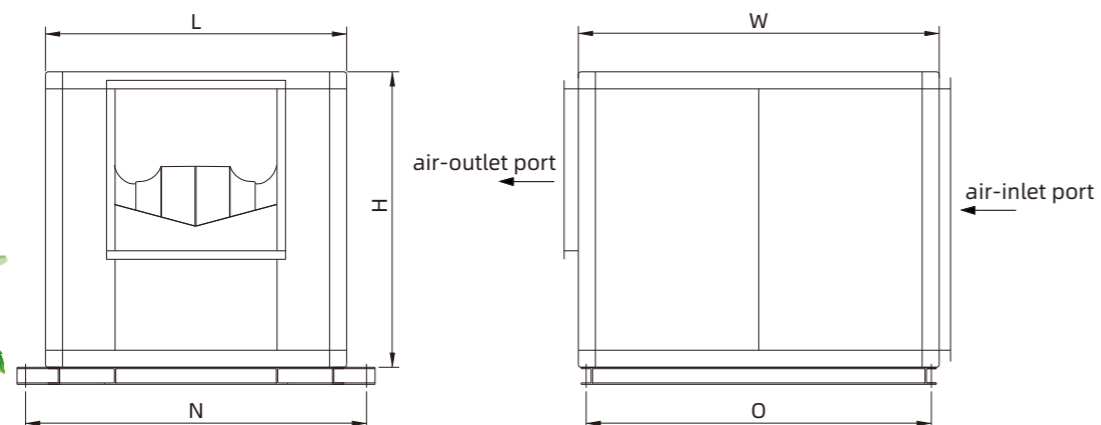
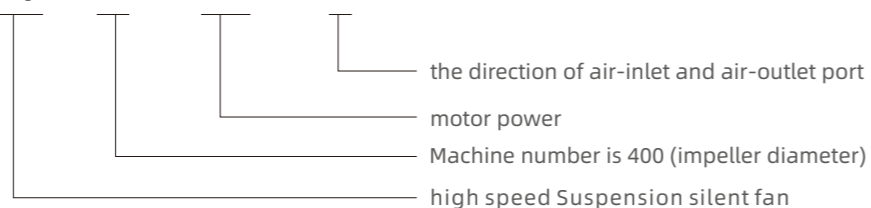
- The high-speed suspension silent series fans are suitable for ventilation and oil fume emission systems. They rely on motor belt drive and have the characteristics of compact structure, easy maintenance and cleaning. 400/450/500/560/630 models are available. Double air inlet curved impellers are used to achieve high static pressure, high efficiency and effective energy-saving ventilation. The configured click power is not overloaded to avoid motor burnout due to power overload. The power part of the fan is separated from the casing, and high-performance springs are used to reduce vibration and achieve silence.

Application areas

- It is suitable for hotels, gymnasiums, schools, restaurants, theaters and high-end residential buildings. It is used in ventilation and kitchen fume exhaust systems with long pipelines, high pressure and noise control.



LFHQ-G - 400 - 5.5kW - A



The overall dimensions table of LFHQ-G

unit: mm

specification model	external dimension			chassis size				air-inlet port		air-outlet port	
				I type		II type					
	L	W	H	O	N	O	N	W	H	W	H
400(15")-A/B	1000	1230	940	1170	1140	-	-	880	820	505	505
400(15")-C	1000	1330	840	1270	1140	-	-	880	720	505	505
450(18")-A/B	1060	1270	1040	1210	1200	-	-	940	920	560	560
450(18")-C	1060	1430	880	1370	1200	-	-	940	760	560	560
500(20")-A/B	1130	1380	1150	1315	1270	-	-	1010	1030	640	640
500(20")-C	1130	1560	970	1495	1270	-	-	1010	850	640	640
560(22")-A/B	1210	1560	1260	1495	1350	-	-	1090	1140	700	700
560(22")-C	1210	1760	1060	1695	1350	-	-	1090	940	700	700
630(25")-A/B	1340	1680	1390	1615	1480	-	-	1220	1270	800	800
630(25")-C	1340	1890	1180	1825	1480	-	-	1220	1060	800	800

LFHQ-G chassis size specification table

model	rotating speed	power	exhaust volume (m ³ /h)	full pressure (pa)	noise (dB)	weight (KG)	motor model
400(15")	1700	2.2	3500-9200	810-310	≤72	200	100L1-4
	1900	3	4000-10200	1030-450			100L-2
	2100	4	4400-11500	1250-550			112M-2
	2300	5.5	4700-12500	1500-660			132S1-2
450(18")	1600	3	4500-12500	925-450	≤74	225	100L2-4
	1700	4	4750-13300	1035-510			112M-4
	1900	5.5	5200-15000	1280-620			132S1-2
	2100	7.5	5900-16500	1550-760			132S2-2
500(20")	1400	4	4700-15600	890-420	≤76	308	112M-4
	1600	5.5	5400-17800	160-550			132S-4
	1700	7.5	5600-18900	1310-620			132M-4
	2000	11	6200-22500	1810-850			160M-4
560(22")	1300	5.5	6450-19520	960-470	≤77	328	132S-4
	1400	7.5	6800-21000	1100-550			132M-4
	1700	11	7600-25600	1635-810			160M-4
	1800	15	8500-27100	1810-900			160L-4
630(25")	1200	7.5	6900-27450	1020-400	≤78	403	132M-4
	1400	11	10000-32100	1390-540			160M-4
	1500	15	10500-34300	1600-620			160L-4
	1600	18.5	11000-36700	1800-710			180M-4

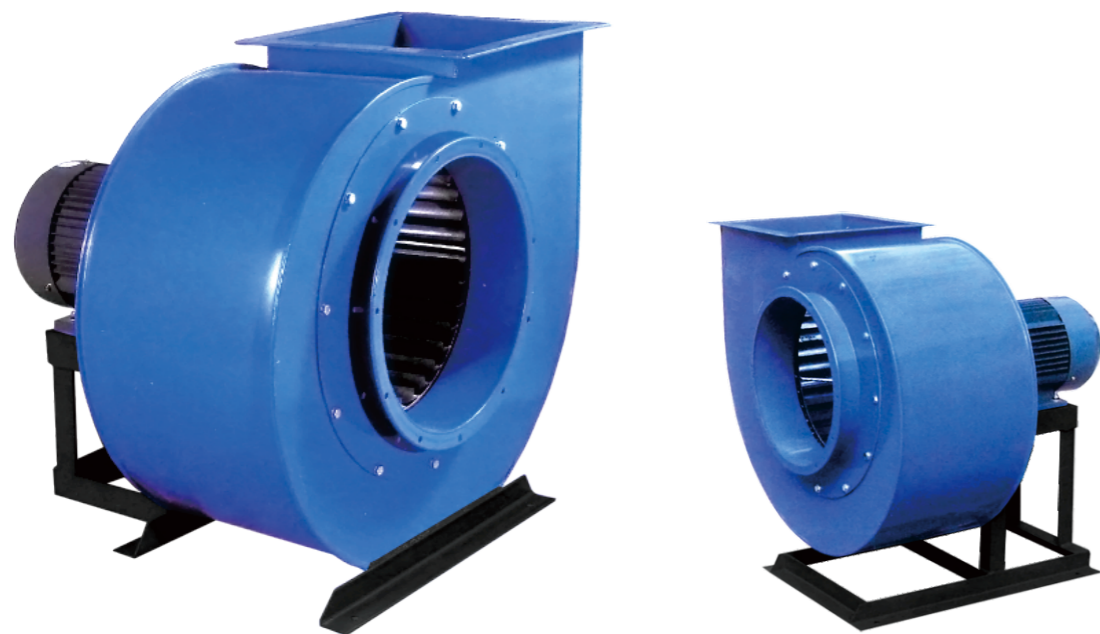
11-62-A series centrifugal ventilation fan

Product performance and features

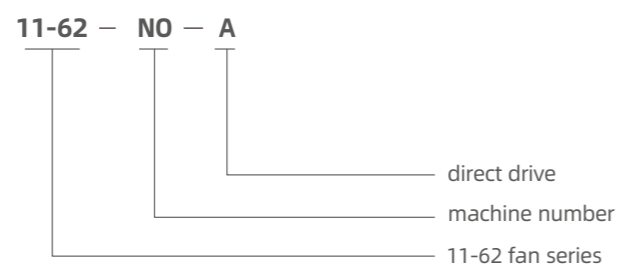
- It adopts single air inlet structure and forward-inclined impeller, which has good aerodynamic performance.
- The impeller and pulley have been corrected by static and dynamic pressure balance to achieve smooth operation, small vibration, high efficiency and long service life.
- The transported medium should be air, unnatural/harmless/non-corrosive gases
- Gas temperature $\leq 80\text{ }^{\circ}\text{C}$, gas with viscous substances is not allowed to be discharged, dust and solid impurities $\leq 150\text{mg/m}^3$

Application areas

- It is suitable for use in canteens, hotels, restaurants, restaurants and public places as kitchen exhaust, oil fume emission and ventilation. It can both discharge exhaust gas and input fresh air.



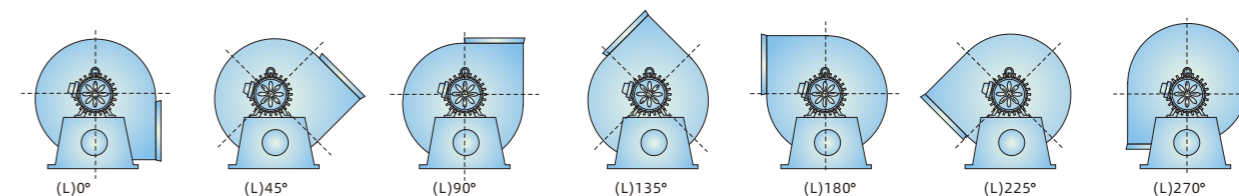
Model description



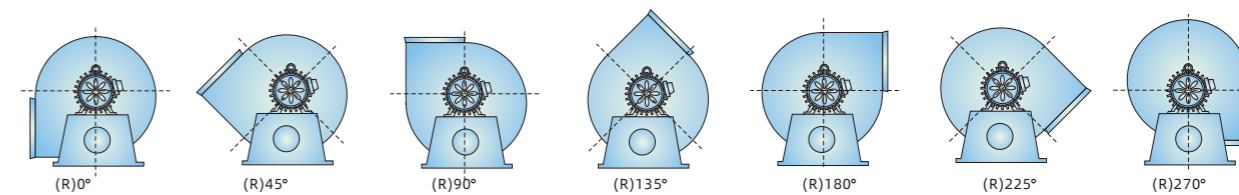
The performance data table of 11-62-A fan

machine number (No)	working voltage (V)	power(kW)	rotating speed (r/min)	exhaust volume (m ³ /h)	full pressure (Pa)	whole machine weight (kg)
2.8A	220/380	0.75kW-4	1400	1370-2760	480-345	39
3A	220/380	2.2kW-4	1420	2200-4400	650-520	78
	220/380	1.5kW-4	1420	2150-4270	654-535	63
3.5A	380	1.1kW-6	910	3200-5080	438-367	74
	220/380	3kW-4	1420	5075-8065	1000-840	87
4A	380	3kW-6	960	5742-8830	670-520	105
	380	7.5kW-4	1440	5000-12000	1200-950	123
4.5A	380	3kW-6	960	6175-9220	896-637	136
	380	4kW-6	960	7342-11120	880-637	146
5A	380	4kW-6	960	8127-10051	1167-1090	156
	380	5.5kW-6	960	8857-13021	1147-1018	163
6A	380	7.5kW-6	960	9820-16894	1200-990	241
6.5A	380	11kW-6	970	10800-21000	1270-1100	268
7A	380	11kW-8	730	12053-21330	1080-950	285

Outlet angle and position diagram of centrifugal fan

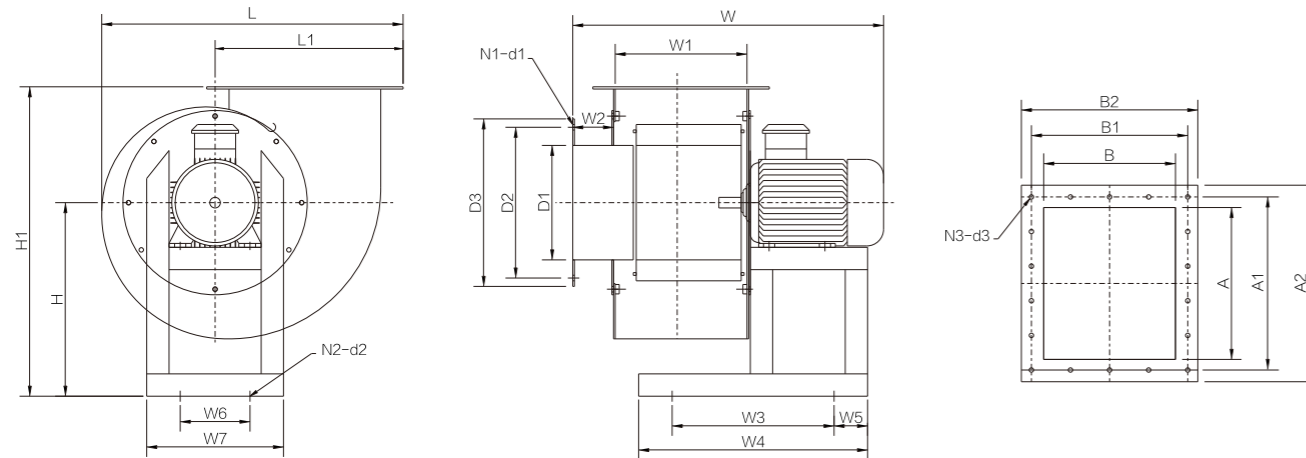


Left rotation: Counterclockwise rotation from the front view of the motor end or transmission shaft end



Right rotation: Rotate clockwise from the front view of the motor end or drive shaft end

The overall and installation dimension of 11-62-A



The dimensions and specification table of 11-62-A

unit: mm

model (No.)	power (kW)	air inlet port				air outlet port						
		ΦD1	ΦD2	ΦD3	n1-d1	A	A1	A2	B	B1	B2	n3-d3
2.8A	0.75	Φ205	Φ255	Φ285	8-Φ10	272	320	352	236	280	316	14-Φ8
3A	2.2	Φ240	Φ280	Φ310	8-Φ10	290	340	370	285	320	365	16-Φ8
	1.5											
3.5A	1.1	Φ293	Φ340	Φ370	12-Φ10	340	370	420	285	320	365	16-Φ8
	3											
4A	3	Φ338	Φ390	Φ430	12-Φ10	388	430	468	360	400	440	18-Φ8
	7.5											
4.5A	3	Φ360	Φ420	Φ450	12-Φ10	430	470	510	360	400	440	18-Φ8
5A	4	Φ416	Φ480	Φ510	12-Φ10	490	530	570	360	400	440	18-Φ8
	5.5											
6A	7.5	Φ463	Φ540	Φ600	12-Φ10	585	635	685	370	420	470	18-Φ8
	11											
7A	11	Φ600	Φ630	Φ660	16-Φ10	680	640	700	400	440	500	18-Φ8

model (No.)	power (kW)	overall dimension												
		w	w1	w2	w3	w4	w5	w6	w7	H	H1	L	L1	n2-d2
2.8A	0.75	557	236	75	290	410	60	185	265	300	507	540	337	4-Φ12
3A	2.2	660	285	75	335	455	60	200	280	320	542	574	360	4-Φ12
	1.5													
3.5A	1.1	664	285	75	330	450	60	245	340	360	618	655	400	4-Φ12
	3	692												
4A	3	730	360	75	455	575	60	300	400	400	695	755	465	4-Φ12
	7.5	800												
4.5A	3	852	360	80	480	600	60	350	450	450	781	843	517	4-Φ12
5A	4	855	360	80	500	620	60	370	490	490	850	924	565	4-Φ12
	5.5													
6A	7.5	930	370	80	560	680	60	460	580	580	996	1088	663	4-Φ16
	11	975												
7A	11	1000	400	80	650	690	60	560	680	680	1160	1372	830	4-Φ16

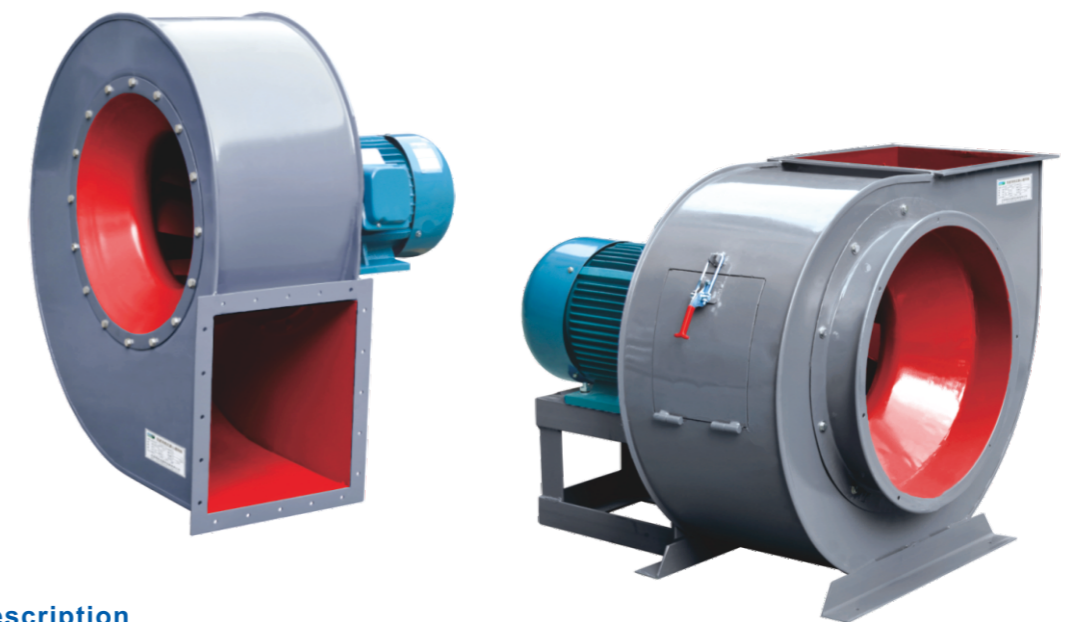
4-72-A series centrifugal ventilation fan

Product performance and features

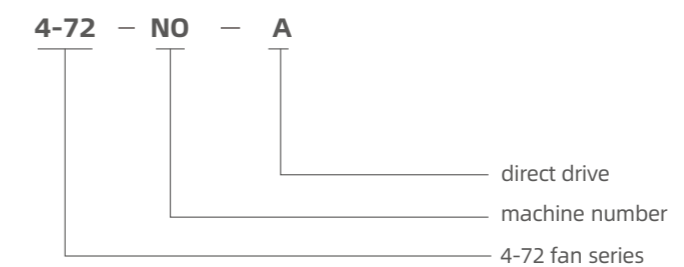
- It adopts single air inlet structure and backward-inclined impeller, which has good aerodynamic performance.
- The impeller and pulley have been corrected by static and dynamic pressure balance to achieve smooth operation, small vibration, high efficiency and long service life.
- The transported medium should be air, unnatural/harmless/non-corrosive gases
- Gas temperature ≤ 80 , gas with viscous substances is not allowed to be discharged, dust and solid impurities $\leq 150\text{mg/m}^3$

Application areas

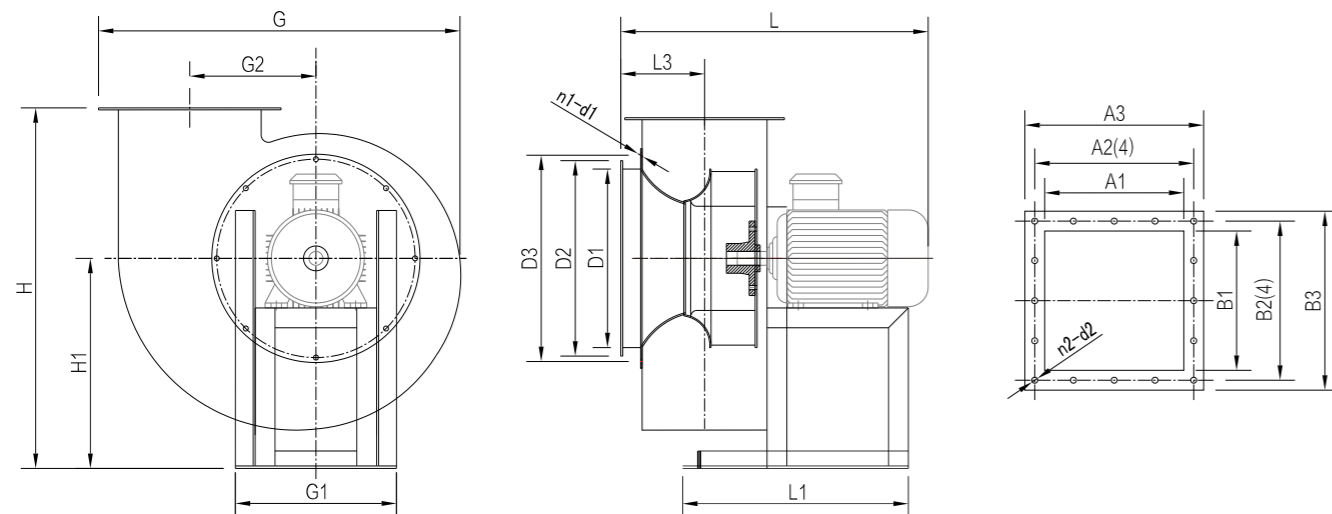
- It is suitable for large-scale factory purification equipment, civil buildings, large squares, power plants, air treatment equipment and hot air circulation systems, and is used with air supply and ventilation equipment.



Model description



The overall and installation dimension of 4-72-A



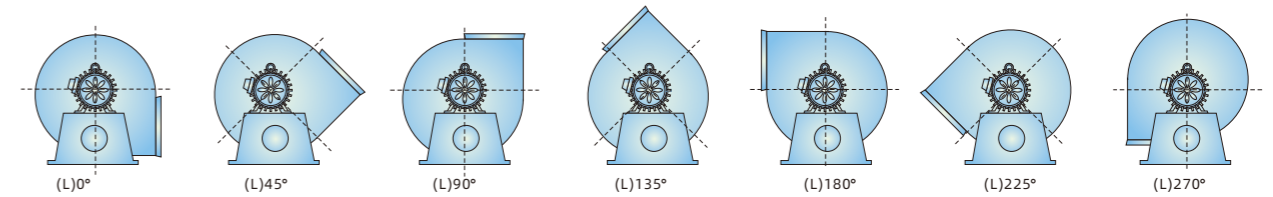
The dimensions and specification table of 4-72-A

unit: mm

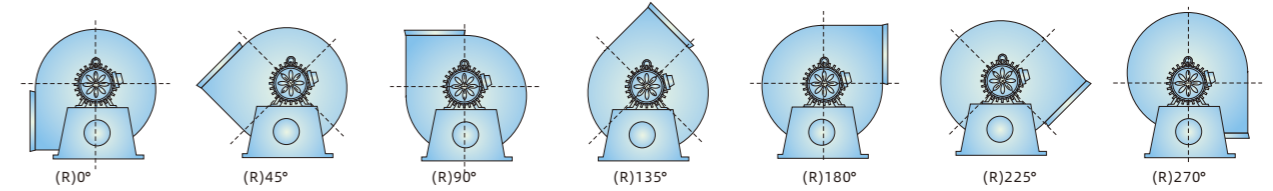
model (No.)	power (kW)	air inlet por				air outlet port						
		ΦD1	ΦD2	ΦD3	n1-d1	A1	A2	A3	B1	B2	B3	n2-d2
4A	5.5	Φ400	Φ443	Φ480	12-Φ12	320	360	400	280	320	360	14-Φ8
	1.1											
4.5A	7.5	Φ450	Φ490	Φ530	12-Φ12	360	400	440	315	355	395	14-Φ8
	1.1											
5A	15	Φ500	Φ540	Φ580	12-Φ12	350	390	430	400	440	480	14-Φ8
	2.2											
5.6A	22	Φ560	Φ610	Φ650	12-Φ12	448	490	528	392	430	472	18-Φ8
	3											
6A	4	Φ600	Φ650	Φ700	12-Φ12	540	580	620	420	460	500	18-Φ8
	1.5											
7A	11	Φ700	Φ750	Φ780	16-Φ12	560	600	640	490	530	570	18-Φ8

model (No.)	power (kW)	overall dimension						
		G	G1	G2	H	H1	L	L1
4A	5.5	800	415	280	709	440	735	605
	1.1						670	460
4.5A	7.5	856	425	315	790	490	800	605
	1.1						670	460
5A	15	990	445	350	870	535	960	685
	2.2						750	510
5.6A	22	1064	500	392	987	610	1160	660
	3						1050	550
6A	4	1180	535	390	1056	650	852	590
	1.5						792	570
7A	11	1367	700	490	1233	763	1125	950

Outlet angle and position diagram of centrifugal fan



Left rotation: Counterclockwise rotation from the front view of the motor end or transmission shaft end



Right rotation: Rotate clockwise from the front view of the motor end or drive shaft end

The performance data table of 4-72-A type

model (No.)	rotating speed (r/min)	Operating point serial number	exhaust volume (m ³ /h)	full pressure (Pa)	power (kW)	weight (KG)	motor number
4A	1450	1	2006	501	1.1	82	905-4
		2	2487	476			
		3	2981	429			
		4	3228	410			
		5	3462	363			
		6	3709	329			
	2900	1	4012	2014	5.5	125	13251-2
		2	4973	1915			
		3	5962	1723			
		4	6457	1606			
		5	6924	1459			
		6	7419	1320			
4.5A	1450	1	2856	634	1.1	96	905-4
		2	3540	603			
		3	3893	577			
		4	4597	506			
		5	4929	460			
		6	5281	416			
	2900	1	5712	2554	7.5	145	13252-2
		2	7081	2428			
		3	7785	2320			
		4	9194	2036			
		5	9859	1849			
		6	10562	1673			

The performance data table of 4-72-A type

model (No.)	rotating speed (r/min)	Operating point serial number	exhaust volume (m ³ /h)	full pressure (Pa)	power (kW)	weight (KG)	motor number
5A	1450	1	3864	790	2.2	132	100L-4
		2	4964	762			
		3	5527	735			
		4	6628	637			
		5	7164	580			
		6	7728	502			
	2900	1	7728	3187	15	230	160M2-2
		2	9928	3074			
		3	11054	2962			
		4	13255	2567			
		5	14328	2335			
		6	15455	2019			
5.6A	1450	1	5429	999	3	164	100L2-4
		2	6974	956			
		3	7765	922			
		4	9312	799			
		5	10065	728			
		6	10857	633			
	2900	1	10858	3996	22	294	180M2-2
		2	13948	3824			
		3	15530	3688			
		4	18624	3196			
		5	20130	2912			
		6	21714	2533			
6A	960	1	4420	498	1.5	165	100L-6
		2	5679	481			
		3	6938	437			
		4	7582	402			
		5	8196	366			
		6	8841	317			
	1450	1	6677	1139	4	177	112M-4
		2	8578	1099			
		3	10479	999			
		4	11452	919			
		5	12379	836			
		6	13353	724			
7A	960	1	7020	679	3	239	132S-6
		2	9018	655			
		3	11016	595			
		4	12005	548			
		5	13015	498			
		6	14040	431			
	1450	1	10603	1548	11	300	160M-4
		2	13621	1494			
		3	16640	1358			
		4	18132	1249			
		5	19658	1137			
		6	21206	984			



Model description

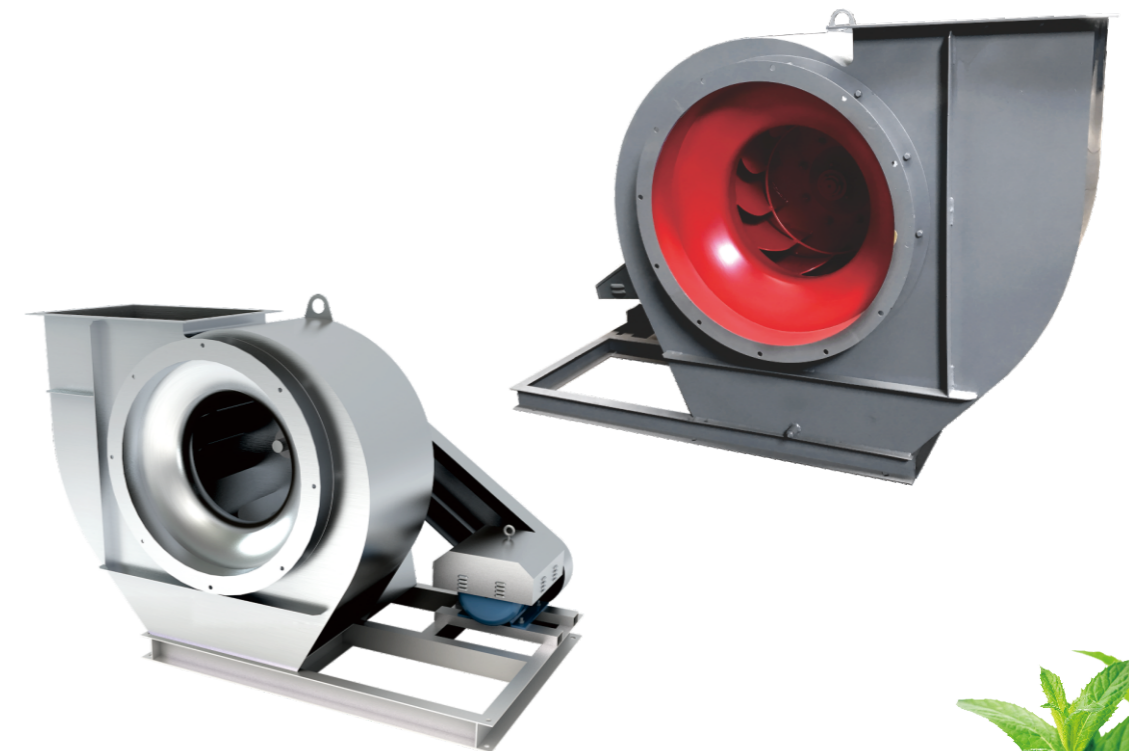
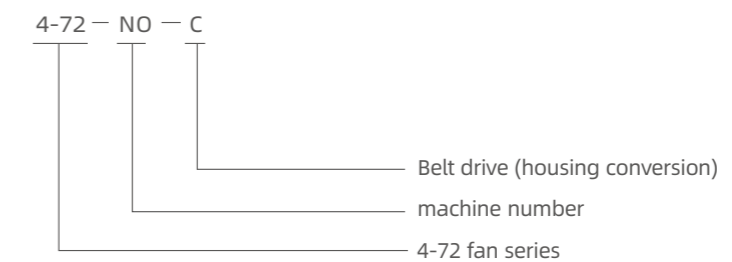
4-72-C series centrifugal ventilation fan

Product performance and features

- It adopts single air inlet structure and backward-inclined impeller, which has good aerodynamic performance.
- The impeller and pulley have been corrected by static and dynamic pressure balance to achieve smooth operation, small vibration, high efficiency and long service life.
- The transported medium should be air, unnatural/harmless/non-corrosive gases
- Gas temperature ≤ 80 , gas with viscous substances is not allowed to be discharged, dust and solid impurities $\leq 150\text{mg/m}^3$

Application areas

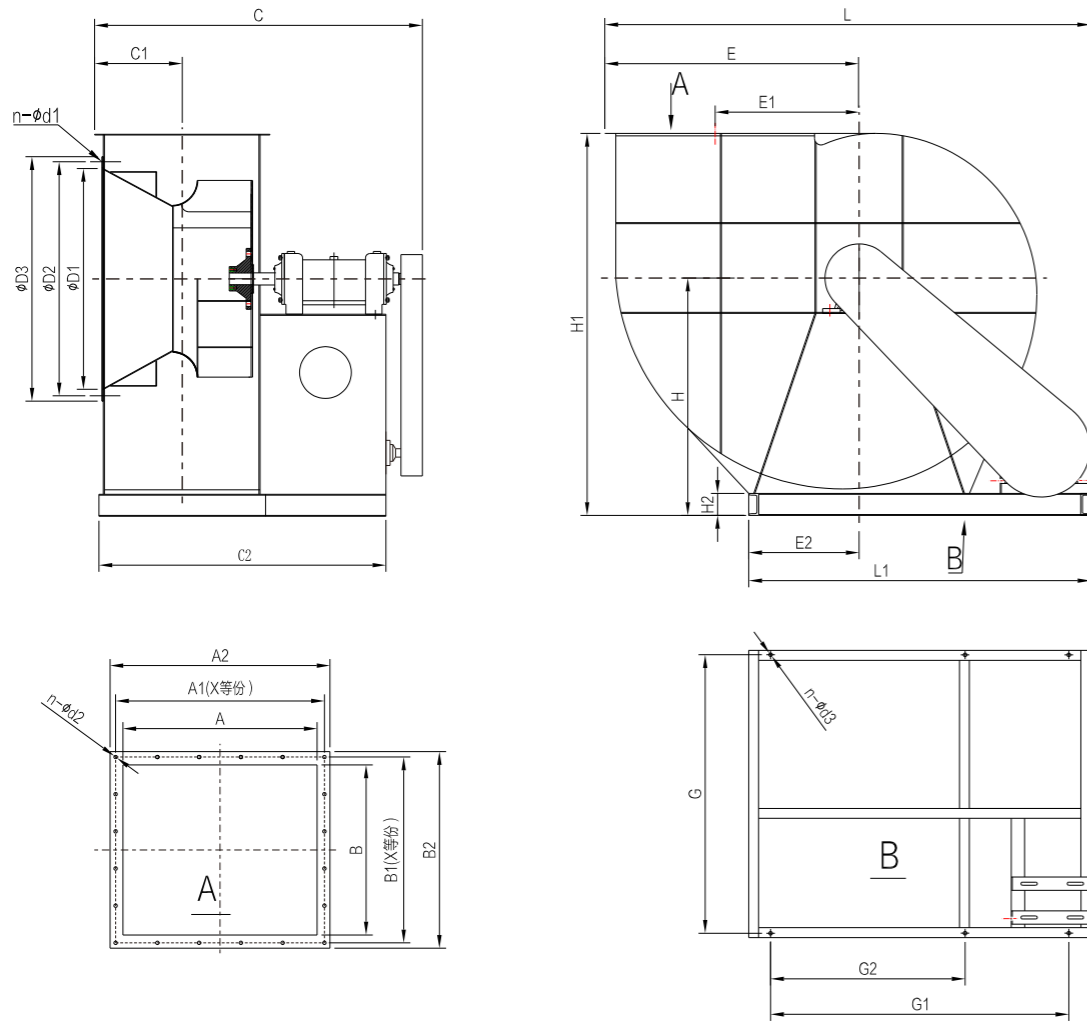
- It is suitable for large-scale factory purification equipment, civil buildings, large squares, power plants, air treatment equipment and hot air circulation systems, and is used with air supply and ventilation equipment.



stainless steel shell fan



4-72-C overall and installation dimensions



The dimensions and specification of 4-72-C

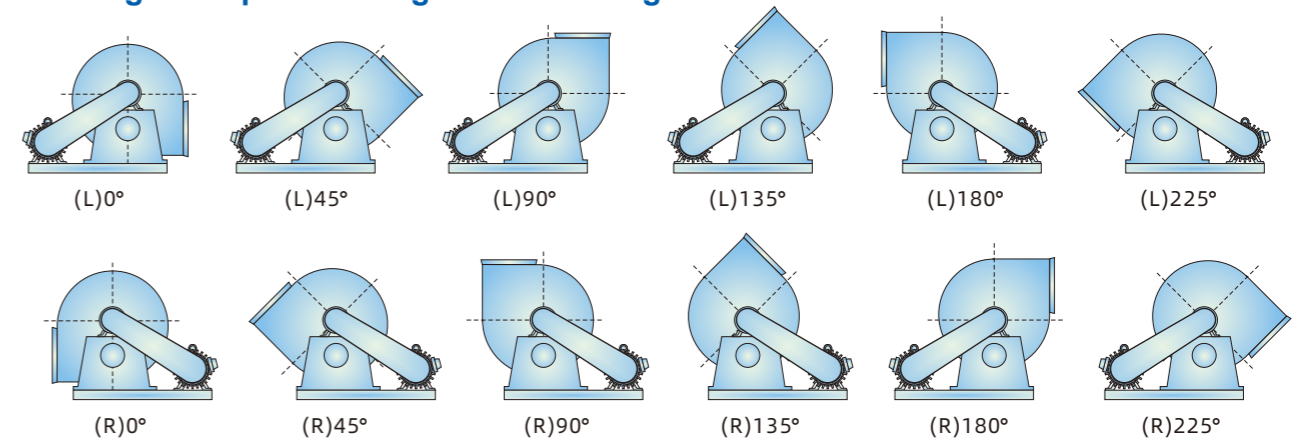
unit: mm

model (No.)	the size of air-inlet port			the size of air-outlet port									
	φD1	φD2	φD3	n-φd1	A	A1	A2	A1(x equal parts)	B	B1	B2	B1(y equal parts)	n-φd2
6C	φ610	φ650	φ700	12-φ10	540	580	620	4	420	460	500	4	16-φ10
7C	φ700	φ750	φ780	12-φ10	560	600	640	4	490	530	570	4	16-φ10
8C	φ800	φ850	φ880	16-φ12	640	680	720	5	560	600	640	5	20-φ10
10C	φ1000	φ1050	φ1110	12-φ12	800	850	900	5	700	750	800	5	24-φ10
12C	φ1200	φ1250	φ1320	24-φ12	960	1000	1040	8	840	880	920	7	24-φ10
14C	φ1400	φ1450	φ1520	24-φ12	1120	1180	1240	9	980	1040	1100	9	32-φ14

model (No.)	overall dimension										Anchor bolts			Center height at various angles							
	H	H1	H2	E	E1	E2	C	C1	C2	L	L1	G	G1	G2	n-φd3	0°	45°	90°	135°	180°	225°
6C	670	1077	80	700	390	273	970	250	890	1462	1150	847	950	-	4-φ12	487	625	670	605	580	535
7C	780	1042	80	920	490	420	1292	285	1070	1740	1350	860	1150	-	4-φ12	870	820	763	745	660	610
8C	880	1495	100	920	560	410	1304	325	1200	2010	1500	1150	1300	-	4-φ12	980	920	860	800	740	680
10C	1075	1810	100	1152	702	500	1735	404	1560	2362	1700	1310	1500	880	6-φ12	1220	1150	1075	995	920	845
12C	1270	2085	120	1380	840	685	1985	484	1710	2650	1900	1600	1700	1210	6-φ12	1460	1370	1275	1190	1100	1010
14C	1363	2292	140	1600	980	750	2030	550	2080	3220	2300	1790	2100	1250	6-φ14	1550	1465	1363	1258	1154	1049



Outlet angle and position diagram of centrifugal fan



The performance data table of 4-72-C type

model (No.)	rotating speed (r/min)	Operating point serial number	exhaust volume (m³/h)	full pressure (Pa)	power (kw)	weight (KG)	motor number
6C	1600	1	7367	1389	5.5	361	132S-4
		2	9465	1339			
		3	11562	1217			
		4	12637	1119			
		5	13660	1019			
		6	14734	881			
	1800	1	8288	1760	7.5	374	132M-4
		2	10648	1697			
		3	13008	1542			
		4	14216	1418			
		5	15367	1291			
		6	16576	1116			
	2000	1	9209	2176	11	420	160M-4
		2	11831	2099			
		3	14453	1907			
		4	15796	1753			
		5	17075	1595			
		6	18418	1380			
2240	1	10314	2734	15	433	160L-4	
	2	13251	2637				
	3	16187	2396				
	4	17692	2202				
	5	19124	2004				
	6	20628	1733				
7C	1350	1	9871	1347	7.5	526	132M-4
		2	12681	1300			
		3	15493	1181			
		4	16932	1086			
		5	18302	988			
		6	19741	855			
	1550	1	11333	1776	11	572	160M-4
		2	14560	1713			
		3	17788	1557			
		4	19440	1431			
		5	21013	1303			
		6	22666	1127			
1700	1	12430	2137	15	585	160L-4	
	2	15970	2061				
	3	19510	1873				
	4	21321	1721				
	5	23047	1568				
	6	24860	1355				

The performance data table of 4-72-C type

model (No.)	rotating speed (r/min)	Operating point serial number	exhaust volume (m ³ /h)	full pressure (Pa)	power (kW)	weight (KG)	motor number
7C	1900	1	13892	2669	18.5	626	180M-4
		2	17848	2574			
		3	21804	2340			
		4	23829	2150			
		5	25758	1958			
		6	27784	1693			
8C	1000	1	10914	963	5.5	693	132S-4
		2	14022	929			
		3	15614	895			
		4	17130	844			
		5	18721	777			
		6	20237	707			
	1120	1	12224	1209	7.5	706	132M-4
		2	15705	1166			
		3	17487	1124			
		4	19185	1060			
		5	20968	975			
		6	22666	887			
	1250	1	13643	1507	11	749	160M-4
		2	17527	1454			
		3	19517	1401			
		4	21412	1321			
		5	23402	1215			
		6	25297	1106			
	1450	1	15826	2032	15	772	160L-4
		2	20332	1960			
		3	22640	1888			
		4	24838	1781			
		5	27146	1638			
		6	29344	1490			
1600	1	17463	2478	22	822	180L-4	
	2	22435	2390				
	3	24982	2303				
	4	27408	2171				
	5	29954	1996				
	6	32380	1816				
1800	1	19646	3143	30	882	200L-4	
	2	25240	3032				
	3	28105	2920				
	4	30834	2754				
	5	33699	2531				
	6	36427	2302				
10C	800	1	22312	967	11	1096	160M-4
		2	24290	954			
		3	26268	916			
		4	27961	872			
		5	29608	823			
		6	31230	766			
	900	1	25101	1225	15	1119	160L-4
		2	27326	1209			
		3	39551	1161			
		4	31457	1104			
		5	33309	1042			
		6	35134	970			
	1000	1	27890	1514	18.5	1160	180M-4
		2	30363	1498			
		3	32835	1434			
		4	34952	1364			
		5	37010	1288			
		6	39038	1199			

The performance data table of 4-72-C type

model (No.)	rotating speed (r/min)	Operating point serial number	exhaust volume (m ³ /h)	full pressure (Pa)	power (kW)	weight (KG)	motor number
10C	1120	1	31237	1902	30	1238	200L-4
		2	34006	1877			
		3	36775	1801			
		4	39146	1714			
		5	41451	1618			
		6	43722	1505			
	1250	1	34863	2373	37	1283	225S-4
		2	37953	2341			
		3	41044	2247			
		4	43690	2138			
		5	46262	2018			
		6	48797	1877			
	1400	1	39046	2967	45	1319	225M-4
		2	42508	2932			
		3	45969	2810			
		4	48933	2673			
		5	51814	2525			
		6	54363	2350			
12C	630	1	30363	863	11	1366	160M-4
		2	33054	852			
		3	35745	818			
		4	38050	778			
		5	40290	735			
		6	42498	664			
	710	1	34218	1097	15	1389	160L-4
		2	37251	1083			
		3	40284	1040			
		4	42882	989			
		5	45406	934			
		6	47893	869			
	800	1	38556	1395	22	1448	180L-4
		2	41973	1376			
		3	45391	1321			
		4	48317	1257			
		5	51162	1187			
		6	53966	1104			
	900	1	43375	1767	30	1508	200L-4
		2	47220	1744			
		3	51065	1674			
		4	54357	1593			
		5	57557	1504			
		6	60712	1399			
1000	1	48195	2185	45	1588	225M-4	
	2	52467	2156				
	3	56739	2070				
	4	60397	1969				
	5	63953	1859				
	6	67457	1729				
1120	1	53978	2746	75	1828	280S-4	
	2	58763	2710				
	3	63548	2601				
	4	67645	2474				
	5	71627	2335				
	6	75552	2172				

The performance data table of 4-72-C type

model (No.)	rotating speed (r/min)	Operating point serial number	exhaust volume (m ³ /h)	full pressure (Pa)	power (kW)	weight (KG)	motor number
14C	600	1	45918	1068	18.5	1661	180M-4
		2	49990	1054			
		3	54060	1011			
		4	57545	962			
		5	60933	909			
		6	64272	846			
	700	1	53571	1454	30	1743	200L-4
		2	58321	1435			
		3	63070	1377			
		4	67136	1310			
		5	71090	1237			
		6	74984	1152			
	750	1	57398	1669	37	1774	225S-4
		2	62487	1647			
		3	67575	1580			
		4	71931	1504			
		5	76166	1420			
		6	80340	1322			
	850	1	65051	2144	55	1890	250M-4
		2	70818	2116			
		3	76585	2030			
		4	81521	1931			
		5	86322	1825			
		6	91052	1698			
950	1	72704	2678	75	2050	280S-4	
	2	79150	2643				
	3	85595	2536				
	4	91112	2412				
	5	96477	2280				
	6	101764	2121				
1000	1	76530	2967	90	2150	280M-4	
	2	83316	2928				
	3	90100	2810				
	4	95908	2673				
	5	101555	2525				
	6	107120	2350				

4-72-D series centrifugal ventilation fan

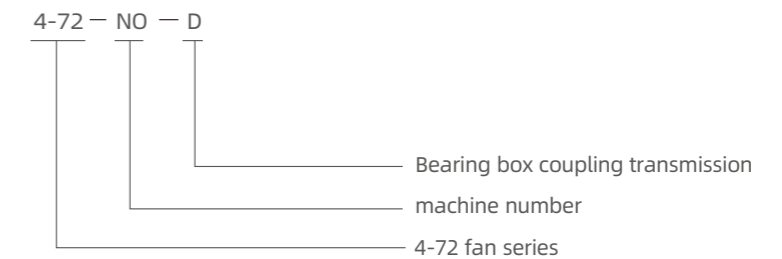
Product performance and features

- It adopts single air inlet structure and backward-inclined impeller, which has good aerodynamic performance.
- The impeller and pulley have been corrected by static and dynamic pressure balance to achieve smooth operation, small vibration, high efficiency and long service life.
- The transported medium should be air, unnatural/harmless/non-corrosive gases

Application areas

- It is suitable for large-scale factory purification equipment, civil buildings, large squares, power plants, air treatment equipment and hot air circulation systems, and is used with air supply and ventilation equipment.

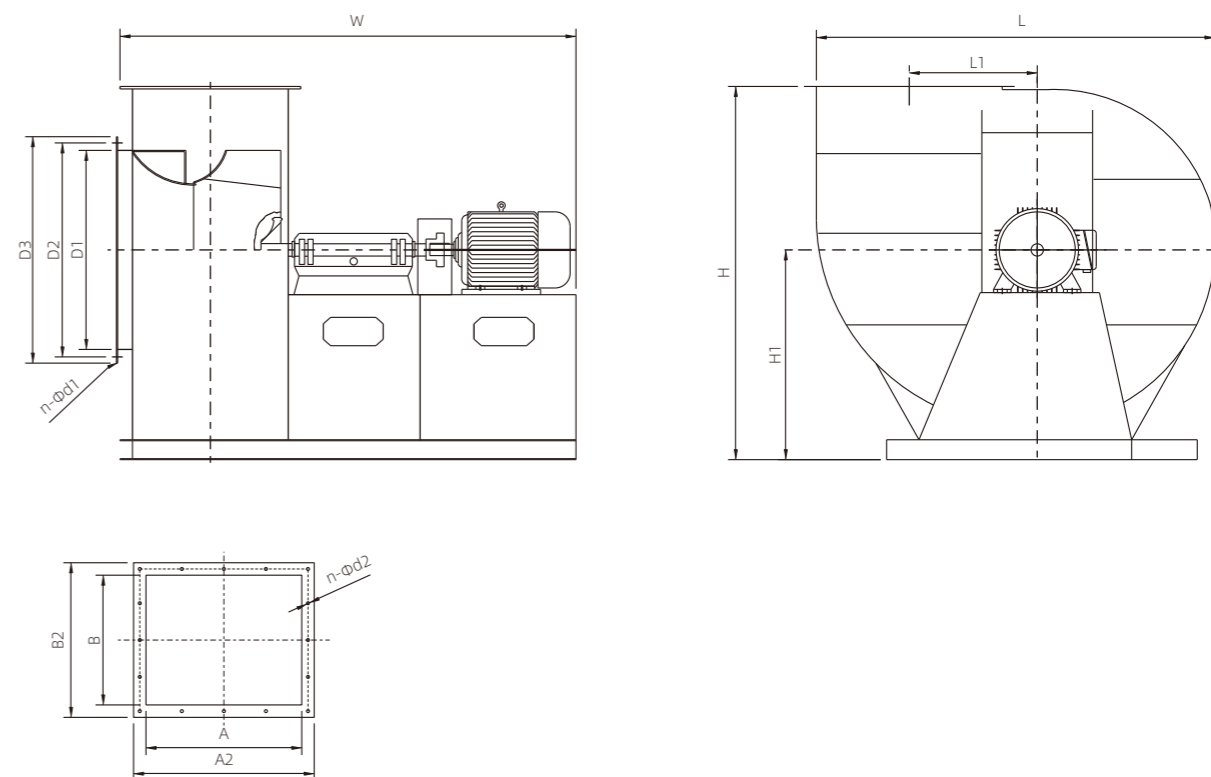
Model description



The performance data table of 4-72-D

model (No.)	rotating speed (r/min)	exhaust volume (m ³ / h)	full pressure (Pa)	motor		whole machine weight (kg)			
				model	power (kW)				
6	1450	6677	1139	112M-4	4	343			
		7650	1124						
		8578	1099						
		9551	1059						
		10478	999						
		11452	919						
	960	12379	836						
		13353	724						
		4420	498	100L-6	1.5				
		5065	492						
		5679	481						
		6324	463						
6938	437								
7582	402								
8	1450	8196	366	180M-4	18.5	804			
		8841	317						
		15826	2032						
		18134	2005						
		20332	1960						
		22640	1888						
	960	24838	1781	132M2-6	5.5				
		27146	1638						
		29344	1490						
		10478	887						
		12006	875						
		13461	856						
		730	14989				825	132M-8	3
			16444				778		
			17972				715		
			19428				651		
			7968				512		
			9130				506		
	10	1450	10236	494	250M-4		55	1405	
			11398	476					
			12504	449					
			13666	413					
			14773	376					
			40441	3202					
960		44026	3159	200L1-6	18.5				
		47611	3032						
		50680	2884						
		53664	2722						
		56605	2532						
		26775	1395			160L-8	7.5		
	29148	1376							
	31521	1321							
	33554	1257							
	35529	1187							
	37476	1104							
	12	960	20360			805	280S-6	45	1777
22164			794						
23969			762						
25516			725						
27017			685						
28497			637						
730		46267	2013	225S-8	18.5				
		50368	1986						
		54469	1906						
		57981	1814						
		61395	1712						
		64759	1593						
35182	1160	1526							
38301	1145								
41419	1009								
44090	1046								
46685	987								
49244	919								

The overall and installation dimensions of 4-72-D

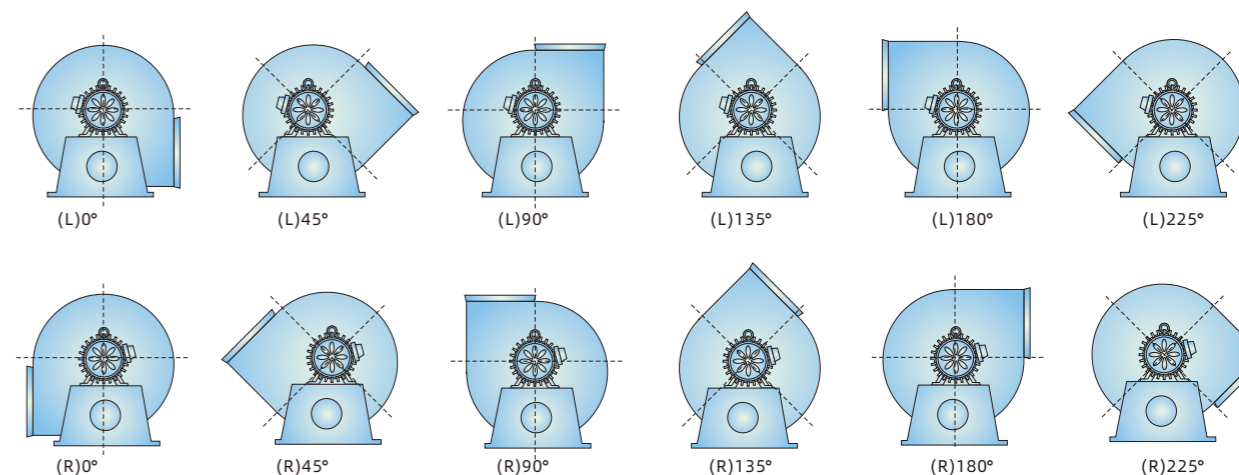


The dimensions and specification table of 4-72-D

unit: mm

model (No.)	overall size					air-inlet port			air-outlet port				n-φd1	n-φd2	weight (kg)
	L	W	H	L1	H1	D1	D2	D3	A	B	A2	B2			
NO6	1135	1400	1015	394	624	φ600	φ650	φ676	490	420	570	500	8-φ10	16-φ10	460
NO8	1510	2000	1360	549	822	φ800	φ860	φ910	610	560	710	660	12-φ12	20-φ12	610
NO10	1900	2500	1700	705	1065	φ1000	φ1065	φ1110	860	700	960	800	12-φ12	22-φ14	820
NO12	2320	2700	1967	855	1248	φ1200	φ1270	φ1330	1020	840	1120	940	16-φ12	26-φ14	1250

Outlet angle and position diagram of centrifugal fan



LFGX series energy-saving centrifugal ventilation fan

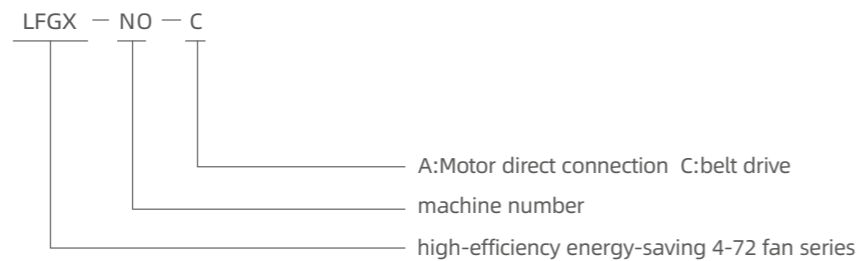
Product performance and features

- LFGX4-72 series high-efficiency energy-saving centrifugal fan is a backward-inclined single-suction centrifugal fan designed on the basis of referring to the international advanced fan design concept. Compared with the traditional national standard 4-72 type fan, it has large exhaust flow and high pressure, meeting the requirements of different processes and systems; achieving cost savings, reduced energy consumption, smooth operation, low noise and beautiful structure. Please note that the medium conveyed by the fan should be a gas that is not spontaneously combustible, harmless to the human body, and non-corrosive to steel. If you need to transport corrosive gas, you should choose a stainless steel fan with a gas temperature below 80°C; if the gas temperature exceeds 80°C, you should consult us.

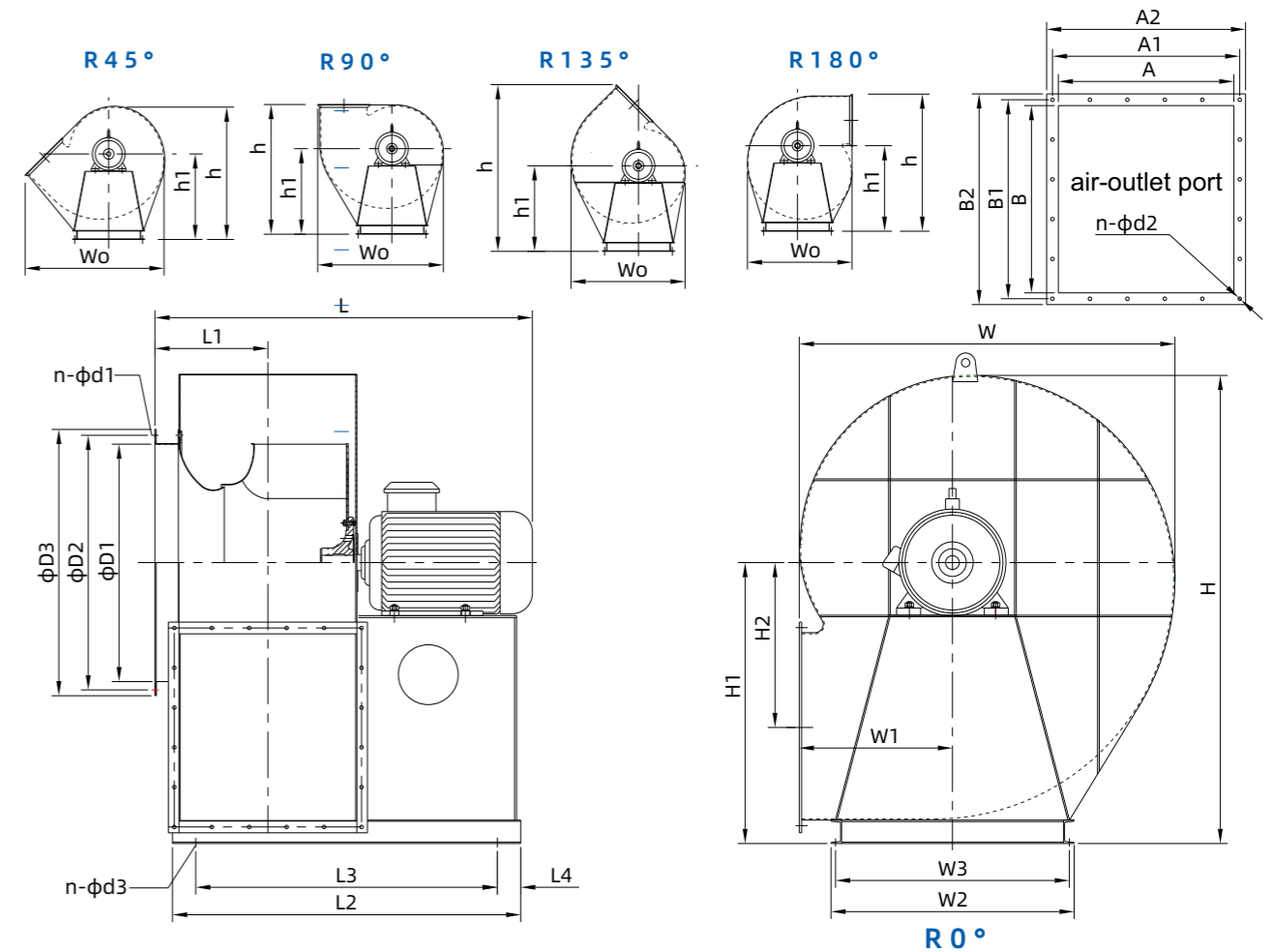
Application areas

- It is suitable for exhaust gas purification systems in factories, civil buildings, squares, and power plants, and is used in conjunction with air treatment equipment, hot air circulation systems, air supply and ventilation equipment. It is suitable for the discharge of gas containing dust, wood debris, and fine fibers, and is used in environmental protection projects and kitchen fume exhaust systems.

Model description



The overall and installation dimensions of LFGX-A



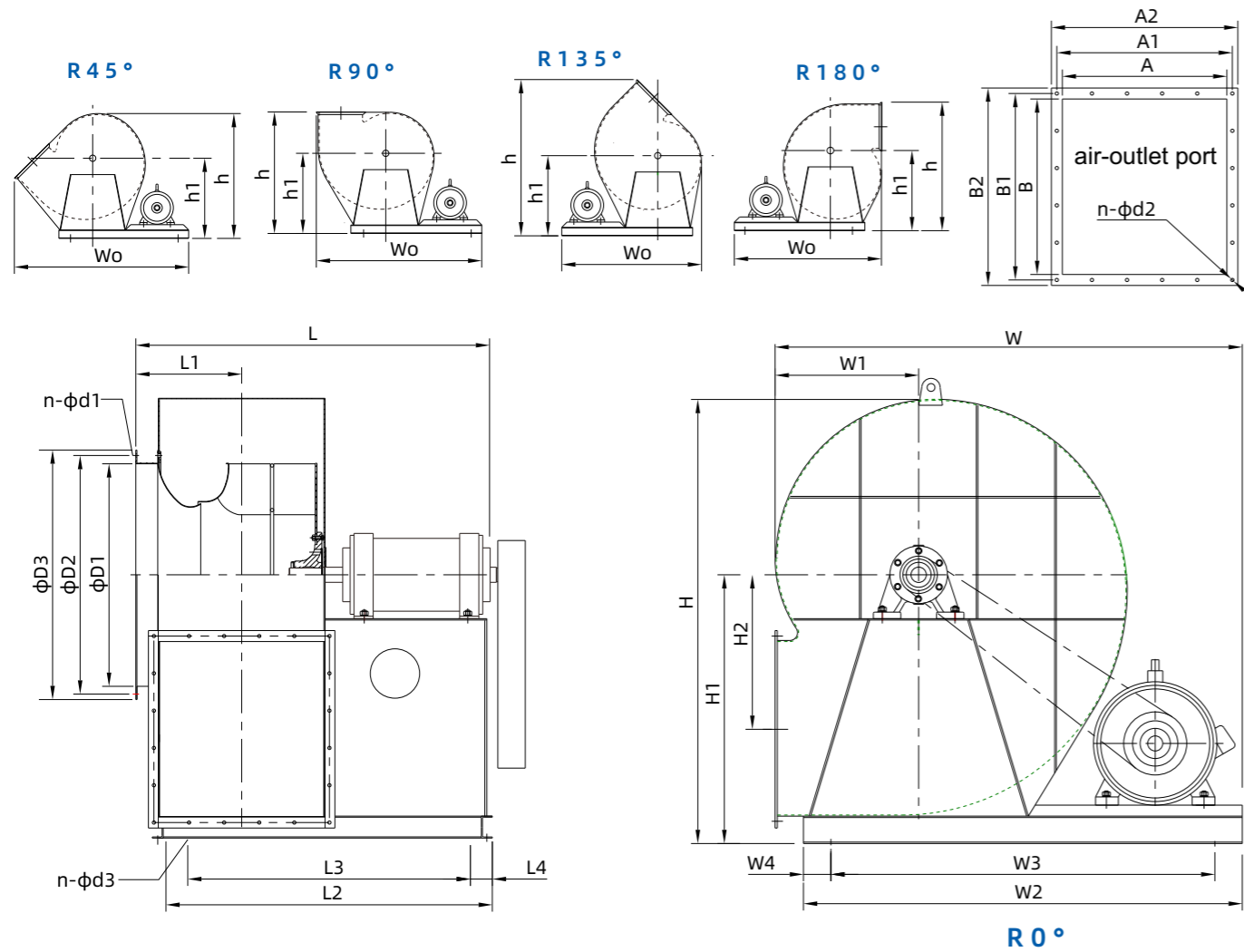
The overall and installation dimensions of LFGX-A

unit: mm

model (No.)	air-inlet port size				air-outlet port size						Channel steel base dimensions						
	ΦD1	ΦD2	ΦD3	n-Φd1	A	A1	A2	B	B1	B2	n-Φd2	L2	L3	L4	W2	W3	n-Φd3
4A	Φ404	Φ470	Φ504	8-Φ12	303	3-115=345	387	320	3-120=360	402	12-Φ8	605	485	60	415	380	4-Φ12
4.5A	Φ455	Φ520	Φ555	8-Φ12	344	3-128=384	428	360	3-134=402	442	12-Φ8	800	680	60	465	430	4-Φ12
5A	Φ504	Φ570	Φ604	8-Φ12	394	3-146=438	478	400	3-146=438	484	12-Φ8	654	534	60	535	500	4-Φ12
5.6A	Φ565	Φ630	Φ605	8-Φ12	435	3-159=477	525	448	3-164=482	532	12-Φ8	725	605	60	600	565	4-Φ16
6.3A	Φ638	Φ700	Φ738	8-Φ12	495	4-135=540	575	504	4-137=548	584	16-Φ12	920	760	80	670	635	4-Φ16
7.1A	Φ719	Φ770	Φ819	12-Φ12	545	5-119=595	635	560	5-120=600	640	20-Φ12	970	770	100	730	690	4-Φ18
8A	Φ810	Φ870	Φ910	12-Φ12	605	5-132=660	705	640	5-139=695	740	20-Φ12	1165	844	100	840	800	4-Φ18

model (No.)	air-inlet port size						45°			90°			135°			180°		
	L	L1	W	W1	H	H1	Wo	h	h1	Wo	h	h1	Wo	h	h1	Wo	h	h1
4A	770	222	650	269	500	500	880	790	500	800	730	460	700	970	440	650	880	400
4.5A	934	244	731	303	550	550	990	880	550	895	820	515	785	1090	495	731	990	450
5A	746	260	810	336	630	630	1092	960	598	990	885	560	875	1175	520	811	1070	480
5.6A	840	290	907	377	676	676	1217	1070	665	1102	997	620	980	1310	580	909	1196	540
6.3A	1110	330	1026	428	773	773	1373	1188	730	1237	1106	680	1103	1462	640	1026	1325	590
7.1A	1148	356	1147	468	920	920	1572	1360	850	1340	1249	780	1252	1632	730	1147	1487	680
8A	1290	387	1284	523	960	960	1722	1530	930	1560	1424	880	1396	1880	830	1283	1714	760

The overall and installation dimension of LFGX-C



The dimension and specification table of LFGX-C

model (No.)	air-inlet port size				air-outlet port size							Channel steel base dimensions					
	φD1	φD2	φD3	n-φd1	A	A1	A2	B	B1	B2	N-φD2	L2	L3	W2	W3	W4	n-φd3
6.3C	φ638	φ700	φ738	8-φ12	495	4-135=540	575	504	4-137=548	584	16-φ12	950	915	1380	1220	80	6-φ18
7.1C	φ719	φ770	φ819	12-φ12	545	5-119=595	635	560	5-120=600	640	20-φ12	1115	1075	1450	1250	100	6-φ18
8C	φ810	φ870	φ910	12-φ12	605	5-132=660	705	640	5-139=695	740	20-φ12	1245	1205	1500	1300	100	6-φ18
9C	φ911	φ970	φ1011	12-φ12	690	5-152=760	820	720	5-156=780	840	20-φ12	1530	1480	1800	1600	100	6-φ18
10C	φ1013	φ1070	φ1113	12-φ12	770	5-164=820	890	800	5-170=850	920	20-φ12	1610	1560	2000	1800	100	6-φ18

model (No.)	air-inlet port size				45°			90°			135°			180°					
	L	L1	W	W1	H	H1	H2	Wo	h	h1	Wo	h	h1	Wo	h	h1	Wo	h	h1
6.3C	1136	328	1470	419	1295	783	783	1861	1220	753	1780	1130	630	1516	1471	660	1470	1338	610
7.1C	1355	354	1550	471	1410	850	850	1986	1320	814	1886	1251	780	1620	1585	713	1551	1470	660
8C	1425	387	1604	523	1600	960	960	2210	1530	930	2114	1424	880	1760	1880	830	1703	1714	760
9C	1762	414	1915	585	1810	1090	1090	2450	1710	1040	2374	1563	980	2040	2070	950	1915	1885	840
10C	1820	460	2126	650	2000	1200	1200	2756	1870	1145	2540	1725	1075	2200	2275	995	2230	2085	920

The performance data table of LFGX A type

model (No.)	rotating speed (r/min)	Operating point serial number	exhaust volume (m ³ /h)	full pressure (Pa)	power (kW)	weight (KG)	motor number
4A	1450	1	2384	641	1.1	98	90S-4
		2	3228	563			
		3	3906	435			
		4	4445	383			
		5	4937	335			
		6	5369	286			
	2900	1	4767	2563	7.5	146	132S2-2
		2	6456	2250			
		3	7813	1738			
		4	8890	1533			
		5	9875	1340			
		6	10739	1144			
4.5A	1450	1	3394	811	1.5	116	90L-4
		2	4596	712			
		3	5562	550			
		4	6329	485			
		5	7030	424			
		6	7645	362			
	2900	1	6788	3244	11	206	160M1-2
		2	9191	2849			
		3	11124	2200			
		4	12657	1942			
		5	14060	1695			
		6	15290	1447			
5A	960	1	3082	439	0.75	143	90S-6
		2	4174	385			
		3	5051	298			
		4	5748	263			
		5	6384	229			
		6	6943	196			
	1450	1	4655	1001	3	157	100L2-4
		2	6304	879			
		3	7630	679			
		4	8681	599			
		5	9643	523			
		6	10487	447			
5.6A	960	1	4330	551	1.5	174	100L-6
		2	5864	484			
		3	7097	373			
		4	8075	330			
		5	8970	288			
		6	9755	246			
	1450	1	6541	1256	4	183	112M-4
		2	8857	1103			
		3	10719	852			
		4	12197	752			
		5	13548	656			
		6	14733	560			
6.3A	960	1	6166	697	2.2	206	112M-6
		2	8349	612			
		3	10104	473			
		4	11497	417			
		5	12771	364			
		6	13889	311			
	1450	1	9313	1589	7.5	243	132M-4
		2	12611	1396			
		3	15262	1078			
		4	17366	951			
		5	19290	830			
		6	20978	709			



The performance data table of LFGX A type

model (No.)	rotating speed (r/min)	Operating point serial number	exhaust volume (m ³ /h)	full pressure (Pa)	power (kW)	weight (KG)	motor number
71A	960	1	8886	885	4	275	132M1-6
		2	12033	777			
		3	14563	601			
		4	16571	530			
		5	18407	462			
		6	20018	395			
	1450	1	13421	2047	15	348	160L-4
		2	18175	1798			
		3	22000	1390			
		4	25030	1227			
		5	27801	1070			
		6	30443	915			
8A	960	1	12624	1124	7.5	409	160M-6
		2	17096	987			
		3	20690	762			
		4	23542	673			
		5	26151	587			
		6	28439	502			
	1450	1	19331	2635	22	487	180L-4
		2	26178	2314			
		3	31681	1787			
		4	36049	1577			
		5	40043	1376			
		6	43547	1176			

The performance data table of LFGX C type

model (No.)	rotating speed (r/min)	Operating point serial number	exhaust volume (m ³ /h)	full pressure (Pa)	power (kW)	weight (KG)	motor number
6.3C	1250	1	8028	1181	5.5	396	132S-4
		2	10871	1038			
		3	13157	801			
		4	14971	707			
		5	16629	617			
		6	18084	527			
	1440	1	9250	1568	7.5	411	132M-4
		2	12524	1376			
		3	15157	1063			
		4	17246	938			
		5	19157	820			
		6	20834	700			
	1600	1	10276	1935	11	461	160M-4
		2	13915	1700			
		3	16841	1313			
		4	19162	1153			
		5	21286	1011			
		6	23148	863			
1800	1	11561	2449	15	485	160L-4	
	2	15655	2151				
	3	18946	1661				
	4	21558	1466				
	5	23946	1280				
	6	26042	1093				
2000	1	12845	3024	18.5	512	180M-4	
	2	17394	2656				
	3	21051	2051				
	4	23953	1810				
	5	26607	1580				
	6	28935	1349				

model (No.)	rotating speed (r/min)	Operating point serial number	exhaust volume (m ³ /h)	full pressure (Pa)	power (kW)	weight (KG)	motor number
6.3C	2100	1	13487	3334	22	537	180L-4
		2	18264	2928			
		3	22104	2261			
		4	25151	1996			
		5	27937	1742			
		6	30382	1487			
71C	1000	1	9193	960	5.5	541	132S-4
		2	12448	843			
		3	15066	651			
		4	17143	575			
		5	19042	502			
		6	20708	429			
	1150	1	10572	1270	7.5	556	132M-4
		2	14316	1116			
		3	17326	861			
		4	19714	760			
		5	21900	663			
		6	23815	567			
	1300	1	11950	1623	11	598	160M-4
		2	16183	1425			
		3	19586	1101			
		4	22285	971			
		5	24755	848			
		6	26921	724			
1460	1	13421	2047	15	624	160L-4	
	2	18175	1798				
	3	22000	1390				
	4	25030	1227				
	5	27801	1070				
	6	30443	915				
1700	1	15627	2776	22	676	180L-4	
	2	21162	2438				
	3	25612	1882				
	4	29142	1661				
	5	32372	1450				
	6	35204	1238				
1900	1	17466	3467	30	735	200L-4	
	2	23652	3045				
	3	28625	2351				
	4	32571	2075				
	5	36180	1811				
	6	39346	1547				
8C	1120	1	14728	1529	11	775	160M-4
		2	19945	1343			
		3	24138	1037			
		4	27466	915			
		5	30509	799			
		6	33179	682			
	1250	1	16438	1905	15	798	160L-4
		2	22260	1673			
		3	26940	1292			
		4	30654	1140			
		5	34050	995			
		6	37030	850			
	1400	1	18411	2390	22	825	180L-4
		2	24931	2099			
		3	30173	1621			
		4	34332	1430			
		5	38136	1248			
		6	41474	1066			

The performance data table of LFGX C type

model (No.)	rotating speed (r/min)	Operating point serial number	exhaust volume (m ³ /h)	full pressure (Pa)	power (kW)	weight (KG)	motor number
8C	1550	1	20384	2930	30	910	200L-4
		2	27602	2573			
		3	33406	1987			
		4	38010	1753			
		5	42222	1530			
		6	45917	1310			
	1650	1	21700	3320	37	940	225S-4
		2	29383	2915			
		3	35561	2251			
		4	40463	1987			
		5	44946	1734			
		6	48900	1481			
	1800	1	23671	3950	45	980	225M-4
		2	32054	3469			
		3	38794	2679			
		4	44142	2364			
		5	49032	2063			
		6	53323	1763			
9C	900	1	16852	1250	11	963	160M-4
		2	22820	1098			
		3	27618	848			
		4	31425	748			
		5	34906	653			
		6	37962	558			
	1000	1	18724	1543	15	986	160L-4
		2	25355	1355			
		3	30687	1047			
		4	34917	923			
		5	38785	806			
		6	42179	689			
	1120	1	20971	1936	22	1032	180L-4
		2	28398	1700			
		3	34369	1313			
		4	39107	1158			
		5	43439	1011			
		6	47241	864			
	1270	1	23780	2490	30	1091	200L-4
		2	32201	2186			
		3	38972	1690			
		4	44344	1490			
		5	49257	1300			
		6	53568	1111			
	1350	1	25278	2813	37	1121	225S-4
		2	34230	2470			
		3	41427	1908			
		4	47138	1682			
		5	52360	1469			
		6	56942	1255			
1480	1	27712	3381	45	1161	225M-4	
	2	37526	2968				
	3	45417	2293				
	4	51678	2022				
	5	57402	1766				
	6	62425	1510				



model (No.)	rotating speed (r/min)	Operating point serial number	exhaust volume (m ³ /h)	full pressure (Pa)	power (kW)	weight (KG)	motor number
10C	850	1	21832	960	15	1190	160L-4
		2	29564	843			
		3	35780	651			
		4	40712	575			
		5	45223	502			
		6	49180	429			
	960	1	23116	1270	22	1218	180L-4
		2	31303	1116			
		3	37884	861			
		4	43107	760			
		5	47883	663			
		6	52073	567			
	1050	1	26969	1623	30	1296	200L-4
		2	36520	1425			
		3	44198	1101			
		4	50292	971			
		5	55863	848			
		6	60752	724			
	1150	1	29537	2047	37	1329	225S-4
		2	39998	1798			
		3	48407	1390			
		4	55081	1227			
		5	61184	1070			
		6	66538	915			
1220	1	31335	2776	45	1365	225M-4	
	2	42433	2438				
	3	51354	1882				
	4	58434	1661				
	5	64908	1450				
	6	70588	1238				
1320	1	33904	3467	55	1447	250M-4	
	2	45911	3045				
	3	55564	2351				
	4	63224	2075				
	5	70228	1811				
	6	76374	1547				

LFE-A oil fume purified professional fan

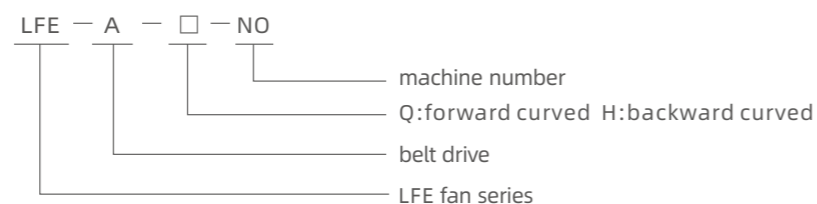
Product performance and features

- A high-end static pressure fan specially developed and designed for kitchen fume emission, with good aerodynamic performance. The impeller has undergone strict dynamic and static balance correction to achieve smooth operation, low noise, small vibration, large exhaust volume, high pressure, long service life and solid structure. Please note that the medium transported by the fan should be air or gas that is non-self-igniting and harmless to the human body. The conveying medium does not contain viscous substances, the temperature is $\leq 80^{\circ}\text{C}$, and the dust and hardness particles are less than 150 /m^3 .

Application areas

- It is suitable for use in canteens, hotels, restaurants, restaurants and public places as kitchen fume emission and ventilation; used in conjunction with air conditioning units, machinery in factories and mines. The fan can deliver fresh air and discharge exhaust gas.

Model description



The performance data table of LFE-A-Q forward curved fan

model (No.)	rotating speed (r/min)	exhaust volume (m ³ /h)	full pressure (Pa)	static pressure (Pa)	noise dB(A)	match motor	whole machine weight (kg)			
4A	960	3000	609	558	≤ 71	3kW-6	124			
		4400	659	550						
		5246	664	508						
		5500	671	500						
		6090	664	454						
	1450	7130	562	274	≤ 83	5.5kW-4	129			
		4531	1389	1272						
		6300	1491	1265						
		7350	1496	1190						
		8400	1463	1063						
4.5A	960	9198	1372	891	≤ 84	7.5kW-4	169			
		10770	1281	625						
		5200	731	642				≤ 79	4kW-6	168
		6542	791	652						
		7689	827	635						
8677	852	607								
5A	960	9553	864	567	≤ 80	7.5kW-6	250			
		7447	845	740						
		9146	861	651						
		10275	872	628						
		11333	893	597						
		12183	908	566						
5.6A	960	13044	845	455	≤ 81	7.5kW-6	270			
		14332	805	334						
		8738	1030	931						
		10571	1083	923						
		13117	1154	906						
		14572	1179	874						
6.3A	960	16034	1210	841	≤ 82	11kW-6	288			
		18748	1222	722						
		12313	1561	1380						
		14833	1623	1427						
		15600	1647	1430						
		17468	1696	1423						
6.3A	960	19934	1641	1286	≤ 83	11kW-6	315			
		21800	1559	1365				≤ 85	15kW-6	368

Low noise

durable for long time use

stably operate

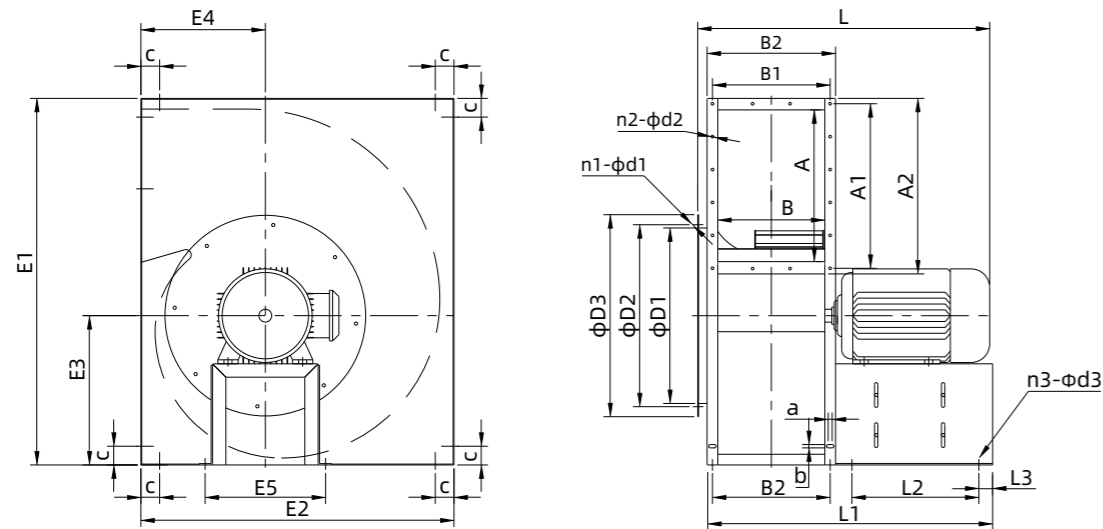
high efficiency

easy to install and maintenance

large exhaust volume

stable quality

The overall and installation dimensions of LFE-A



The dimension and specification of LFE-A

unit: mm

model (No.)	air-outlet port							air-inlet port				
	A	A1	A2	B	B1	B2	n2-Φd2	ΦD1	ΦD2	ΦD3	n1-Φd1	
4A	361	404	444	250	290	330	12-Φ10	Φ400	Φ440	Φ480	12-Φ12	
4.5A	405	449	489	280	320	360	14-Φ10	Φ450	Φ490	Φ520	12-Φ12	
5A	451	494	534	315	355	395	14-Φ10	Φ500	Φ550	Φ585	12-Φ12	
5.6A	506	549	589	355	395	435	16-Φ10	Φ560	Φ610	Φ650	12-Φ12	
6.3A	559	614	656	400	445	490	18-Φ10	Φ630	Φ680	Φ720	12-Φ12	

model (No.)	motor power (kW)	overall dimension												
		E1	E2	E3	E4	E5	L	L1	L2	L3	a x b	C	n3-Φd3	
4A	Y132S-6/3kW						700							
	Y132S-4/5.5kW	800	730	310	306	365		677	280	30	25x13	70	4-Φ13	
	Y132M-4/7.5kW						770							
4.5A	132M1-6/4kW	1000	840	417	340	365	751	707	280	30	25x13	70	4-Φ13	
	132M2-6/5.5kW													
5A	132M2-6/5.5kW	1100	930	453	371	360	850	742	280	30	25x13	70	4-Φ13	
	160M-6/5.5kW					390	885	852	390					
5.6A	160M-6/7.5kW	1230	1040	531	427	390	960	847	360	30	25x13	70	4-Φ13	
	160L-6/15kW						1005							
6.3A	160M-6/11kW	1370	1170	559	466	420	1043	897	360	30	25x13	70	4-Φ13	
	160L-6/11kW						1108	1001	460					

LFE-C oil fume purified professional fan

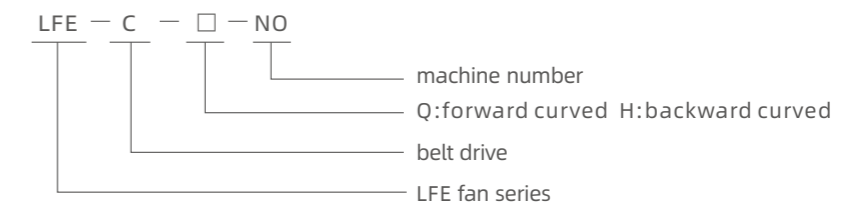
Product performance and features

- The LFE-C fan is a special fan for oil fume purification developed on the basis of the A-type fan. It relies on belt drive, and the fan parameters can be adjusted through belt variable speed. Please note that the belt is a fragile item and needs to be replaced regularly. According to different customer needs, you can choose the fan with the motor on the top or the motor at the bottom. Motor top: the motor is installed on the top of the casing; motor bottom: the motor is installed on the base.

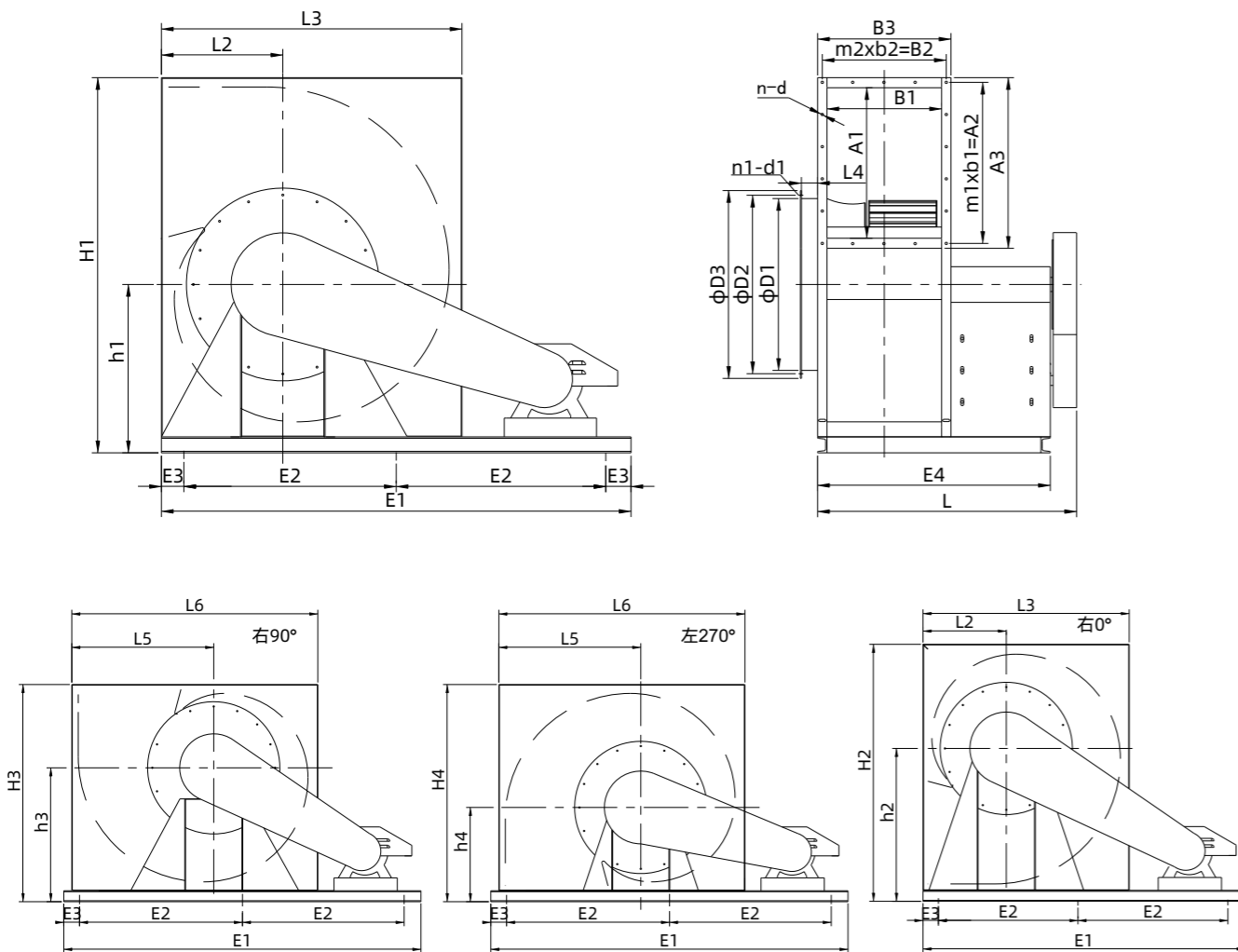
Application areas

- It is suitable for use in company canteens, hotels, restaurants and public places as kitchen fume exhaust and ventilation; it can be used in conjunction with air conditioning units and machinery in factories and mines. This blower can deliver fresh air and discharge exhaust air.

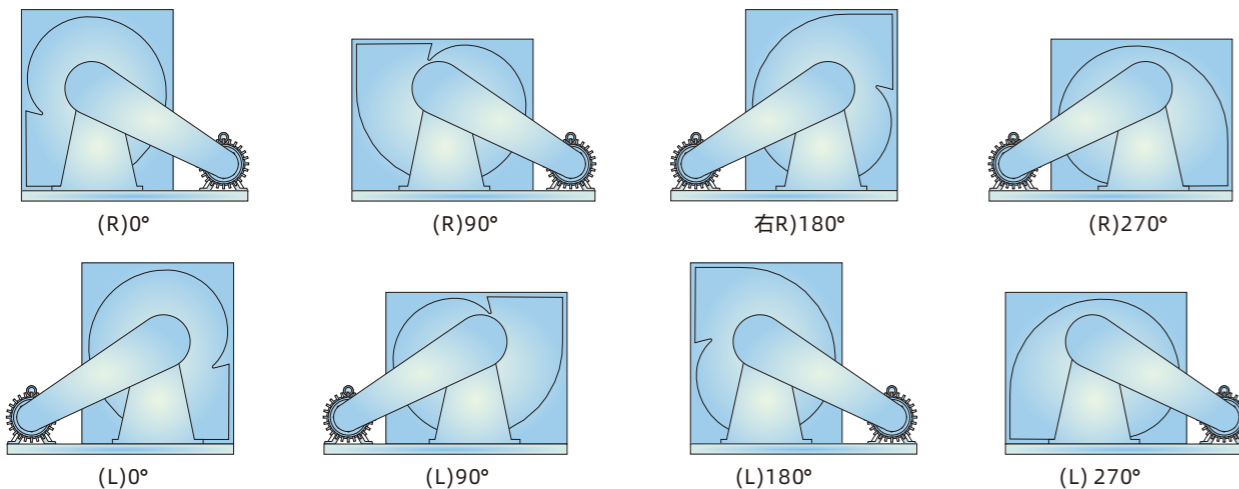
Model description



The overall and installation dimension of LFE-C



Outlet angle and direction of centrifugal fan



The dimension and specification of LFE-C

unit: mm

model (No.)	air-outlet port							air-inlet port				Ground size					
	A1	A2	A3	B1	B2	B3	N-d	ΦD1	ΦD2	ΦD3	n1-d1	0°E1	90°E1	0°E2	90°E2	E3	E4
4C	361	404	444	250	290	330	12-Φ10	400	440	480	12-Φ10	1400	1400	530	530	170	460
4.5C	406	449	489	280	320	360	14-Φ10	455	490	520	12-Φ10	1400	1500	530	630	170	530
5C	451	494	534	315	355	395	14-Φ10	500	540	570	12-Φ10	1500	1600	580	630	170	565
5.6C	506	549	589	355	395	435	16-Φ10	560	610	640	12-Φ10	1600	1800	630	730	170	605
6.3C	569	614	656	400	445	490	18-Φ10	630	680	710	12-Φ10	1800	2000	730	830	170	650
7C	641	411	726	485	538	571	18-Φ10	700	762	800	16-Φ10	2000	2200	830	930	170	990
8C	722	512	808	534	420	620	18-Φ10	800	860	900	16-Φ10	2000	2000	830	830	170	1055

model (No.)	overall dimension													
	L	L2	L3	L4	L5	L6	H1	h1	H2	h2	H3	h3	H4	h4
4C	585	306	730	100	491	800	860	372	863	559	798	492	798	374
4.5C	615	351	840	100	583	1000	1063	480	1063	646	903	552	903	414
5C	689	371	930	100	643	1100	1180	533	1180	727	1010	640	1010	451
5.6C	730	424	1040	100	704	1310	1310	606	1310	784	1220	696	1220	504
6.3C	807	465	1170	100	812	1370	1450	638	1450	892	1250	785	1250	545
7C	933	517	1280	100	881	1530	1610	729	1610	961	1360	844	1360	596
8C	1300	532	1440	100	1006	1690	1770	764	1770	1086	1520	896	1520	705

All the above models can choose to place the motor on the channel steel base
 Due to the weight of the motor, the 7C/8C fan can only choose to place the motor on the base

The performance data table of LFE-C-Q forward curved fan

model (No.)	rotating speed (r/min)	exhaust volume (m³/h)	full pressure (Pa)	static pressure (Pa)	noise dB(A)	match motor	whole machine weight (kg)
4C	1250	3906	1032	945	≤78	4kw-4	141
		5431	1108	940			
		6336	1112	884			
		7241	1087	790			
	1450	7929	1020	662	≤82	5.5kw-4	160
		4531	1389	1272			
		6300	1491	1265			
		7350	1496	1190			
4.5C	960	8400	1463	1063	≤77	4kw-4	180
		9198	1372	891			
		5200	731	642			
		6542	791	652			
		7689	827	635			
	1100	8677	852	607	≤83	5.5kw-4	201
		9553	864	567			
		5958	960	843			
		7496	1039	856			
		8810	1086	834			
		9942	1119	797			
		10946	1134	744			

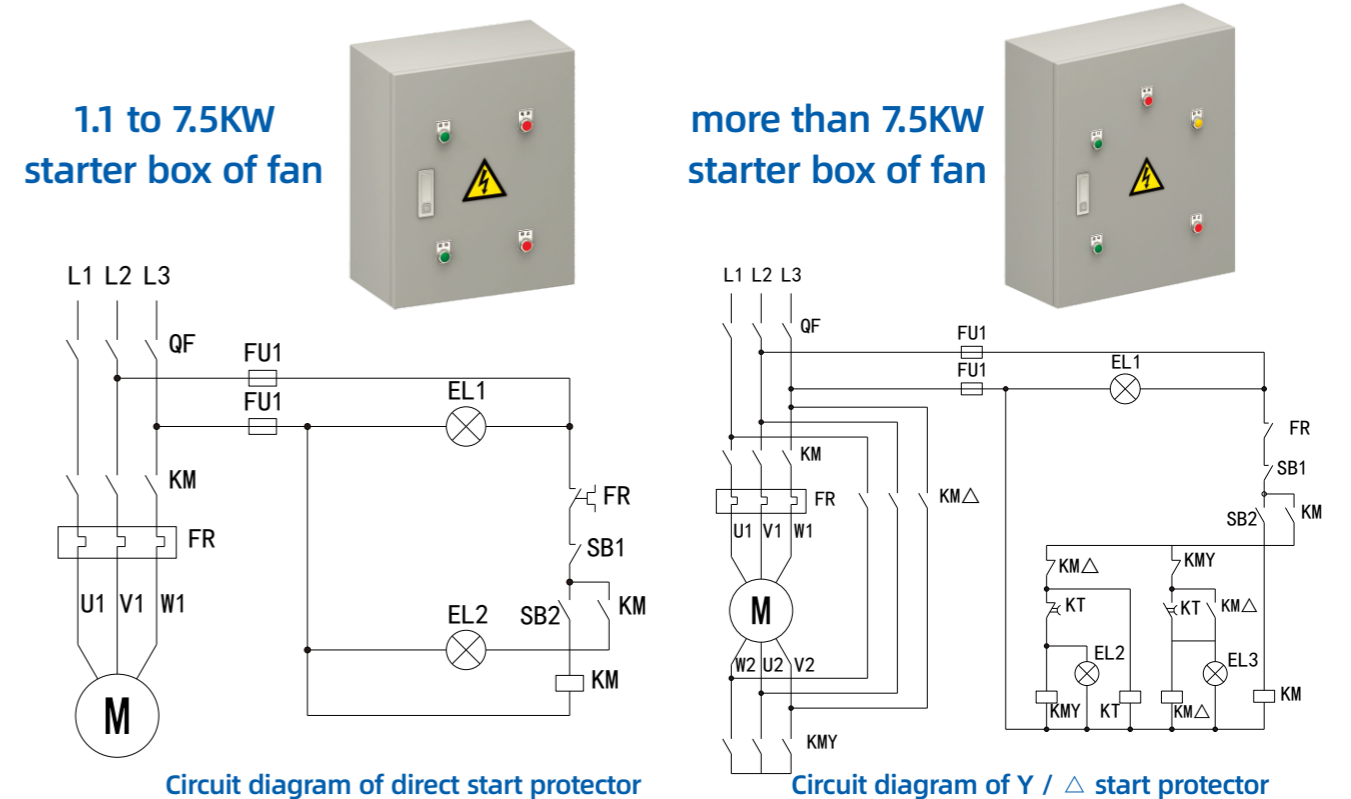
The performance data table of LFE-C-Q forward curved fan

model (No.)	rotating speed (r/min)	exhaust volume (m³/h)	full pressure (Pa)	static pressure (Pa)	noise dB(A)	match motor	whole machine weight (kg)			
5C	750	5818	516	452	≤75	3kW-4	232			
		7145	526	397						
		8027	532	383						
		9518	554	345						
	960	11197	491	204						
		7447	845	740						
		9146	861	651						
		10275	872	628						
		12183	908	566						
		14332	805	334						
		8533	1109	972						
		10480	1130	855						
1100	11773	1145	825	≤79	5.5kW-4	263				
	13960	1192	743							
	16422	1057	439							
	6827	630	568							
	8259	661	563							
	10248	704	553							
	11384	720	534							
	12527	740	513							
5.6C	750	14647	746	441	≤76	5.5kW-4	280			
		8738	1030	931						
		10571	1083	923						
		13117	1154	906						
		14572	1179	874						
		16034	1210	841						
	970	18748	1222	722				≤80	7.5kW-4	326
		9520	933	825						
		11470	970	853						
		13506	1014	851						
		15413	981	770						
		16356	932	816						
6.3C	750	11424	1344	1188	≤82	7.5kW-4	315			
		13763	1397	1229						
		16027	1460	1225						
		18496	1412	1107						
		20227	1342	1175						
		12313	1561	1380						
	900	14833	1623	1427				≤84	11kW-4	370
		17468	1696	1423						
		19934	1641	1286						
		21800	1559	1365						
		9600	785	741						
		13440	842	753						
7C	640	19200	872	697	≤82	11kW-4	450			
		23040	842	590						
		28800	717	346						
		10500	939	887						
		14700	1007	901						
		21000	1042	834						
	700	25200	1007	706				≤85	15kW-4	463
		31500	858	414						
		11250	1078	1018						
		15750	1156	1034						
		22500	1197	957						
		27000	1156	810						
8C	600	33750	985	475	≤87	18.5kW-4	503			
		16875	905	817						
		20625	977	846						
		26250	1032	841						
		28125	1040	793						
		31210	1014	712						
	640	18000	1030	929				≤85	18.5kW-4	510
		22000	1112	962						
		26000	1168	957						
		28000	1175	930						
		30000	1183	902						
		33290	1154	810						
680	19125	1163	1049	≤87	18.5kW-4	536				
	23375	1256	1086							
	27625	1318	1080							
	29750	1327	1050							
	31875	1335	1018							
	35370	1303	913							

Types of shock absorbers for various fans



Starter box type for each fan - power selection





Kitchen oil fume exhaust fan the tips for choose type

1. Determination of kitchen fume exhaust volume

1. Calculate the exhaust air volume according to the number of burners in the kitchen: calculate according to each burner producing 2500 to 3000m³/h

Example: Number of burners in kitchen: 5

The exhaust volume of the fan is: $Q = 5 \times 3000 = 15000\text{m}^3/\text{h}$

2. Calculate the exhaust air volume according to the length of the kitchen fume hood: 2500 to 3000m³/h for each meter of fume hood

Example: Kitchen hood length: 5 meters

The exhaust volume of the fan is: $Q = 5 \times 3000 = 15000\text{m}^3/\text{h}$

2. Determine the wind speed of the main exhaust duct

The wind speed of the main exhaust duct is generally selected from 8 to 15m/s according to the operating cost of the system and noise interference (causing interference to the surrounding environment due to excessive wind speed).

3. Selection of cross-sectional shape of exhaust pipe

The cross-sectional shape of the exhaust pipe is divided into circular and rectangular. Difference: Under the same cross-sectional area, circular air ducts have low resistance, save material, high strength and are easy to manufacture (smaller diameter); they are more difficult to manufacture than rectangular air ducts, are not easy to match the building structure, and are not beautiful enough. Choose according to the area of the cross-section, if it is ≤ 0.07 (that is, the diameter is $\leq 300\text{mm}$), choose a circular air duct; if it is > 0.07 , choose a rectangular air duct.

4. Determine the cross section of the air duct

Example: The number of burners in the kitchen is 5, and the exhaust volume of the fan is: $Q=5 \times 3000\text{m}^3/\text{h}$

Set the wind speed of the main exhaust pipe: $U=10\text{m/s}$

Calculate the cross-sectional area of the exhaust duct based on the exhaust volume of the fan: $A=Q/U \times 3600=1500/10 \times 3600=0.42$

Select the cross-sectional shape according to the cross-sectional area: Since the cross-sectional area $A=0.42 > 0.07$, a rectangular exhaust duct should be selected

Calculate the cross-section size (bxh) of the exhaust duct based on the cross-sectional area and shape of the exhaust duct: the height or width of the exhaust duct is set on site. Assume that the height of the main exhaust duct (h) = 0.5m, the cross-sectional area (A) = 0.42, according to $(bxh) = A (b \times 0.5) = 0.42$, the width of the exhaust duct: $b = 0.84\text{m}$

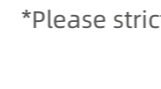
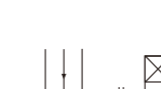
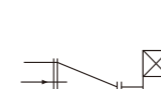
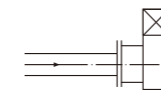
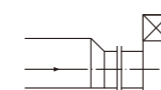
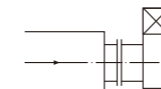
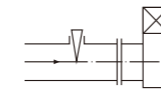
5. Determine the position and size of the hood suction port

The position of the hood suction port should be set directly above the burner. Because the wind speed of the suction port needs to be equal to the wind speed of the main exhaust duct, the size of the general hood suction port should be set to: 250*300mm, and the maximum size cannot exceed: 300*300mm

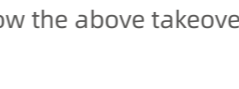
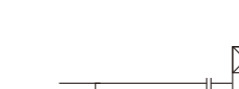
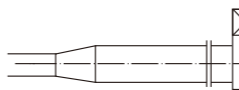
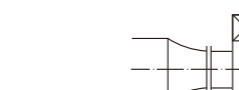
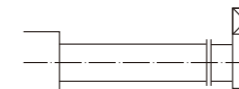
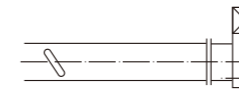
6. Precautions when installing fans and air ducts

The wind speed of the main exhaust duct is generally selected from 8 to 15m/s according to the operating cost of the system and noise interference (causing interference to the surrounding environment due to excessive wind speed).

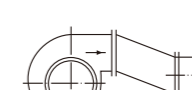
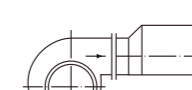
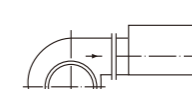
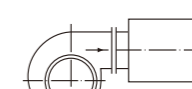
air-inlet port connection method not recommended



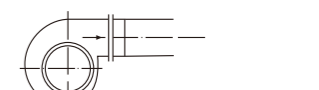
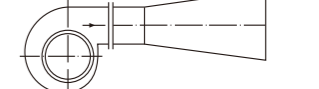
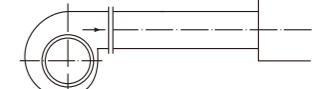
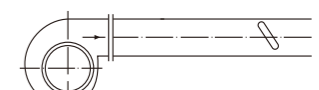
Recommended air-inlet port connection method



Not recommended air-outlet port connection method



Recommended air-outlet port connection method



*Please strictly follow the above takeover method.

SERVICE

We always adhere to the tenet of "customer first, quality first", and rely on our perfect after-sales service outlets to solve problems for customers anytime and anywhere.



Analysis and troubleshooting of common fan faults



Professional after-sale service

We will provide customers with technical analysis and most suitable model recommendations based on their different requirements; when standard models cannot meet customer needs, we will provide customers with customized services.

Strict product production, quality and delivery control

We always treat customers' orders with a prudent, professional and meticulous attitude, and fully guarantee the good execution of order processing, quality control and goods transportation.

Reliable after-sales support

When users use our products, we will provide comprehensive support from technical consultation, spare parts supply to maintenance services.

After-sales service policy

This policy is hereby formulated in order to maximize the protection of the legitimate rights and interests of customers, unify the interests of customers and the interests of the enterprise, and adjust and improve in a timely manner in response to customer feedback.

For all main equipment supplied and installed by us, we provide free maintenance and repair services for one year. During the warranty period, if it is damaged due to normal conditions, we will repair or replace the damaged components free of charge. After the warranty period expires, if the user still needs us to provide equipment maintenance services, the user can choose to renew the warranty; if it is damaged due to normal conditions, we will repair or replace the damaged components for free.

After-sales service commitment

We will adhere to the service tenet of "quality first, lifelong service", continue to control product quality and after-sales service, and provide customers with professional and complete solutions. We have a group of skilled and experienced after-sales technicians, and have established an after-sales management system that includes complete and detailed user service files and computer management.

1. During the equipment installation process, we will guide the operator free of charge until the operator is familiar with the operation method, maintenance skills and basic maintenance skills.

2. Within three months of the warranty period, we will arrange professionals to carry out regular maintenance and repairs on the equipment to solve potential hidden dangers and better serve users.

3. Provide a 1-year free warranty period (the electrical part is implemented in accordance with national standards)

4. In Chinese provinces and cities, after receiving the after-sales demand from users, the after-sales service personnel will arrive at the scene (in the city) within 24 hours, and arrive at the scene (outside the city) within 48 hours

5. Users need to truthfully fill in the content in the after-sales service feedback form provided by us, such as whether your after-sales problem has been solved? We look forward to your real feedback and help us to supervise the service of after-sales personnel; to realize the service concept of "being anxious about what users are anxious about and thinking about what users think".

6. After the warranty period is exceeded, we will provide you with paid after-sales service according to the cost of personnel and accessories.

7. Other products we provide are equipped with service agencies, maintenance outlets and a sound after-sales service management system, and we can solve after-sales problems for users together with us.

1. After-sales service policy

When the impeller rotates, it rubs against the inner wall of the volute, making an abnormal sound and vibrating violently. The reason is that the fan casing or impeller deforms during the storage, transportation or installation process of the fan.

Reasons for fan vibration due to unbalanced rotation of the impeller: dust, dirt or debris on the blades of the impeller, the impeller deforms after being subjected to pressure, and the blades are worn; debris in the pipe hits the impeller, and the impeller shell or blades become loose; The bolt connecting the impeller to the main shaft is loose.

The installation platform of the fan is uneven, the connecting parts or anchor bolts of the fan are not tightened, and the connecting bolts are loose during use of the fan.

The connecting bolts between the bearing seat and the bracket, the bearing seat and the pulley locking sleeve are loose; the bearing is damaged or the fan main shaft is bent. Due to the unqualified increase in speed, the fan blade is deformed beyond the bearing capacity of the wind wheel, causing the wind wheel to beat.

2. The motor current is too large or the motor temperature is too high

When starting the fan, the air valve at the air inlet or outlet is not adjusted properly.

Mechanical friction causes the fan to vibrate violently

Motor quality does not meet relevant manufacturing standards

The density of the gas delivered by the fan is too high or the temperature is too high

The pipeline selected for the fan does not match and the motor is overloaded.

The fan speed is too fast or the exhaust air volume is too large

3. Insufficient exhaust air volume

Improper design before installation, loss of air volume, wind resistance not considered

Due to the exhaust pipe being too long and bent too much, the wind resistance increases and the exhaust air volume decreases

The air inlet and exhaust duct are too small, resulting in reduced exhaust volume

Due to the out-of-phase phenomenon during factory circuit maintenance, the reverse air volume of the fan is greatly reduced

4. The blade does not rotate

The motor does not start, the circuit is blocked or the motor is damaged.

The voltage is low and the power line is short-circuited and lacks phase. belt slipping

5. The belt slides or jumps

Belt misaligned with belt groove

Belt worn or too long

We are committed to providing users with better product quality and better service!

