



Leapin

Industrial fan series **LP73**
PRODUCT CATALOGUE
AN INDUSTRY-LEADING FANS MANUFACTURER & VENTILATION
SYSTEM DESIGNER

GUANGDONG LEAPIN ENVIRONMENTAL TECHNOLOGY COMPANY..LTD

COMPANY PROFILE

MAIN PRODUCTS

- A** Environmental protection purification equipment
- B** Ventilation equipment
- C** Noise reduction equipment
- D** Ventilation valve



22+ Experience and technology accumulation

10+ More than mu of production base

1000+ The enterprise provides technical and service support

20+ Patent design

ABOUT US

Guangdong Green Goods Environmental Protection Technology Co., Ltd. is the industry's leading ventilation environmental protection equipment and intelligent ventilation. By virtue of the parent company's 22 years experience and technical product of Foshan Yuan Green Ventilation, it has provided technical and service support for thousands of enterprises across the country.

Since the introduction of lean production management concept, through the personnel structure, production organization, and organizational operation, and constantly increase research and development input, and at the same time the old work Art innovation, green technology into a new year. From production efficiency, product quality and production. The pursuit of excellence in multiple dimensions such as product performance, so that the production and R & D system can quickly adapt to the use of Household needs.

Focus

High quality

Innovation

In the future, we will continue to increase research and development input, provide more and more comprehensive environmental protection ventilation, Provide solid and reliable environmental ventilation solutions for various industries to create a global environmental protection net. The technology industry chain.

VISION

We are committed to bringing the truly perfect, environmentally friendly intelligent ventilation system to the country, providing diversified products, building a clean, green, sustainable, suitable for everyone's life environment, restore the natural breeze.

- A** We continue to invest in environmental protection technology, every detail is strictly controlled, never stop in quality;
- B** We from the R & D, production, transportation, installation of each link grinding, continued to upgrade to maintain the industry's top service
- C** We build outlets across the country, and strive to provide the most perfect solution to thousands of households, and access to the ultimate service experience;

IDEA

The business philosophy of "Quality and Virtue, Dedication and Loyalty, Lean Innovation, Cooperation and Win-win, Creating Green Products for One Hundred Years."

QUALIFICATION CERTIFICATION

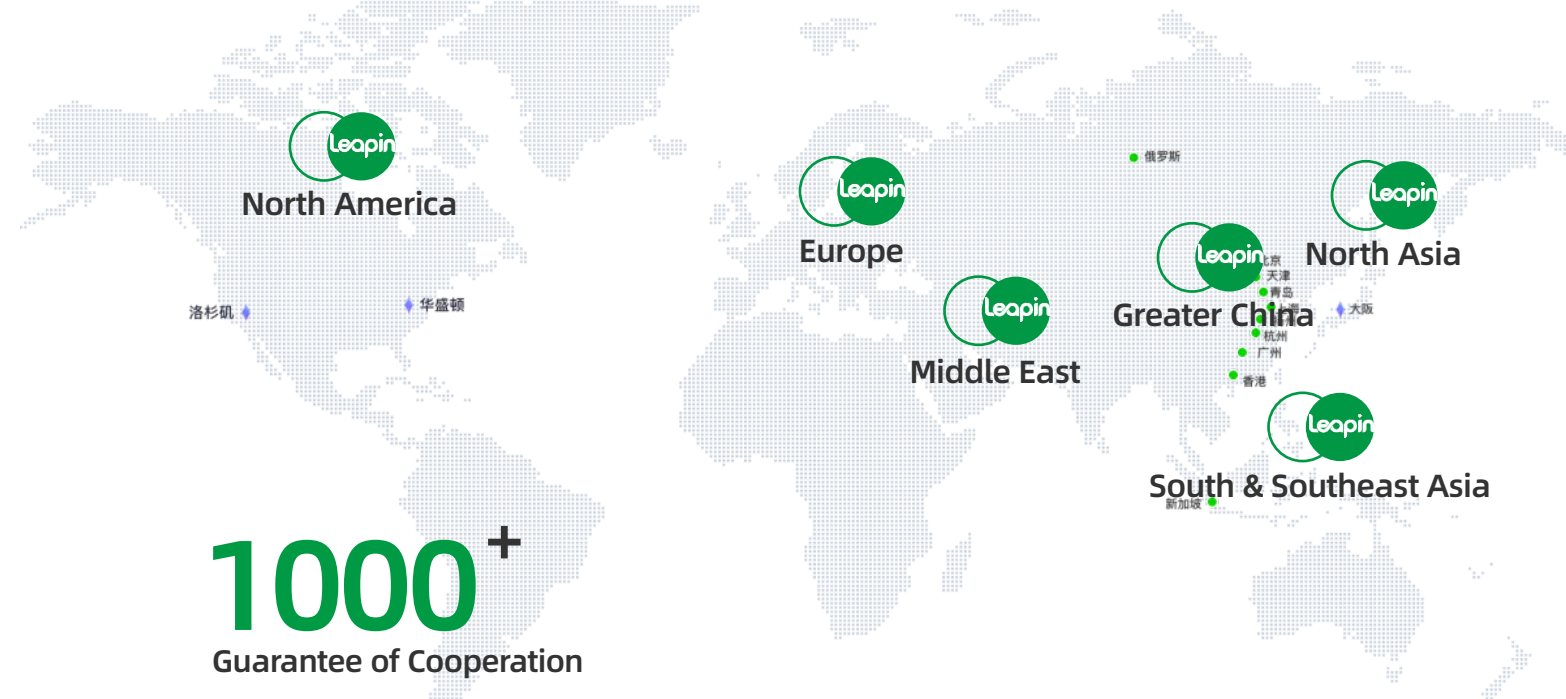


- A) High -tech certification enterprise
- B) China Environmental Protection Product Certification
- C) Guangdong Famous Brand Products
- D) Quality Management System Certification
- E) Keeping contract with a credit enterprise
- F) Products have been tested by various strict testing



GLOBAL SERVICE

Based in Foshan, radiate the world

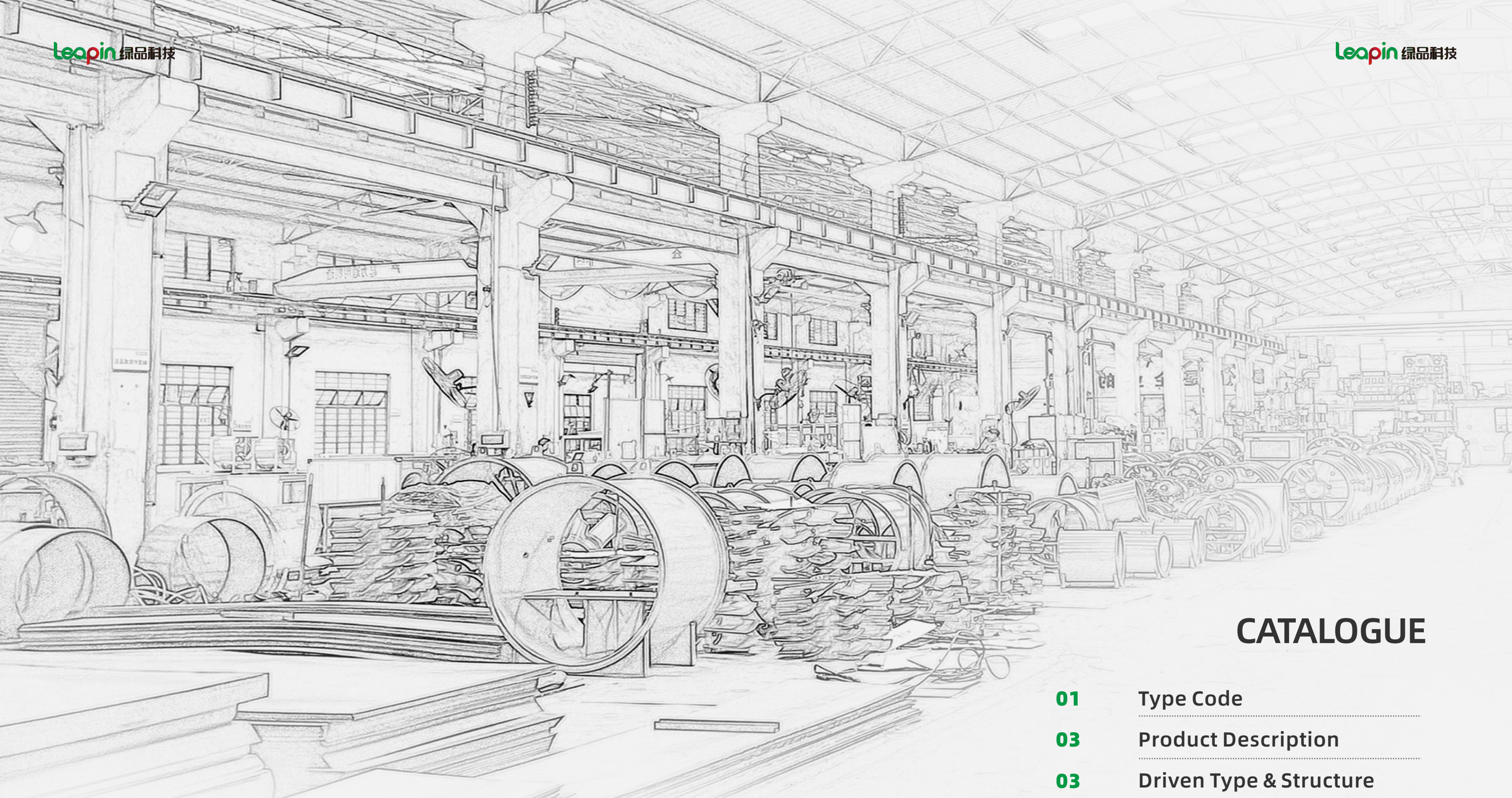


1000⁺
Guarantee of Cooperation

10,000,000⁺
Amount of cooperation

We build networks across the country and strive to provide the most complete solutions.
Provide thousands of households, and get the ultimate service experience.



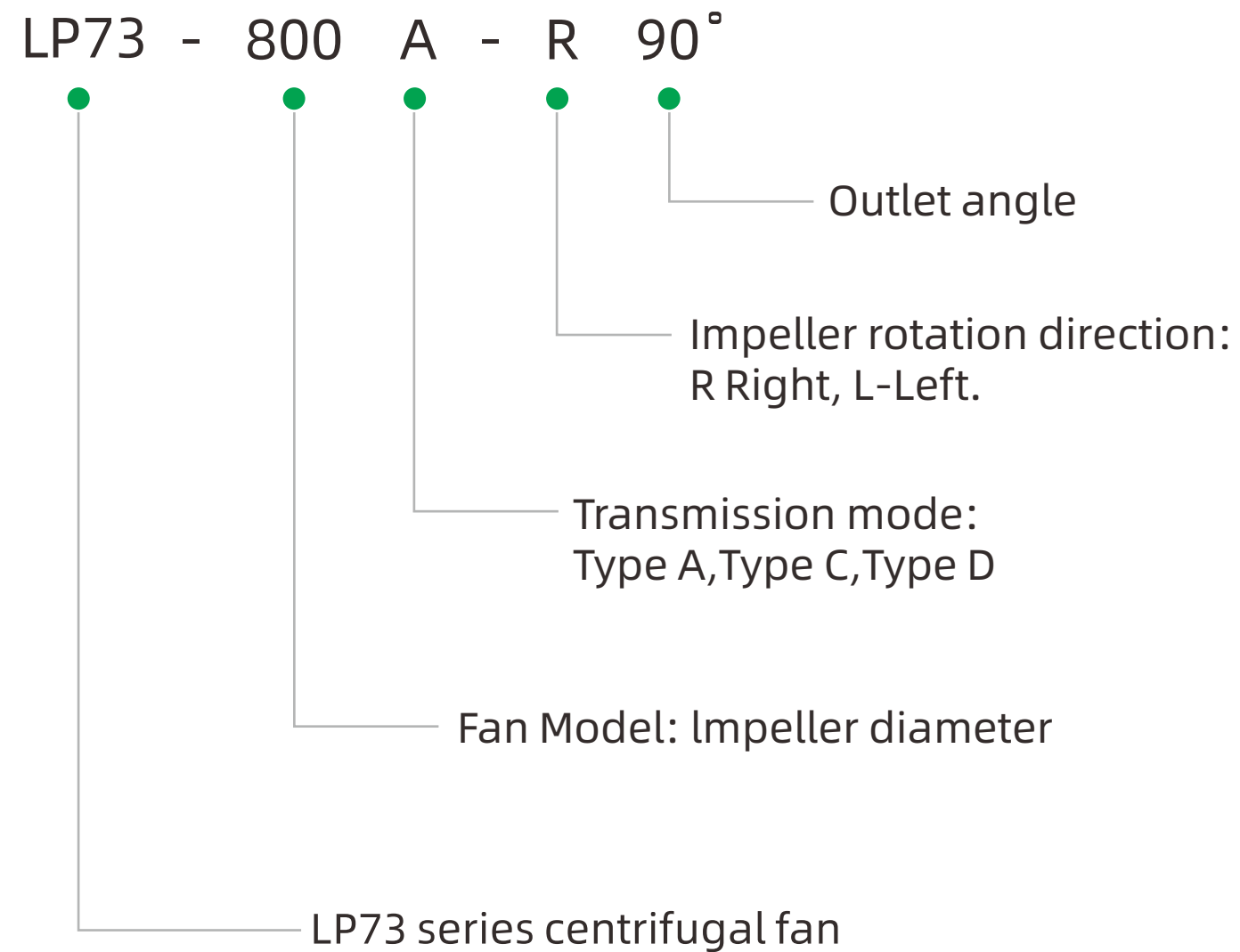


CATALOGUE

06 Industrial fan series

01	Type Code
03	Product Description
03	Driven Type & Structure
07-08	Type A external
09-10	Type C external
11-12	Type D external
13-24	Data Sheet

Type Code



LP73

Industrial fan series

Product Advantages:

1. High efficiency impeller designed
2. Wide range of applications
3. High static pressure



Product Description:

Lp73 series centrifugal fan is a new series of high-efficiency series developed independently by our company for the use of industrial engineering and atmospheric control industry. It is characterised by high efficiency and low overall energy consumption of the equipment, and the energy efficiency index reaches the standard of Grade 1 energy efficiency.

Lp73 series fan is divided into A-type, C-type, and D-type transmissions. The fan mainly consists of components such as the casing, impeller, inlet, motor, and other accessories.

Lp73 series fan is available in 9 specifications: 500, 560, 630, 710, 800, 900, 1000, 1120, and 1250.

Type-A transmission performance for LP73 series fan - Air volume: **3700-93000m³/h**, Total pressure: **120-4200Pa**.

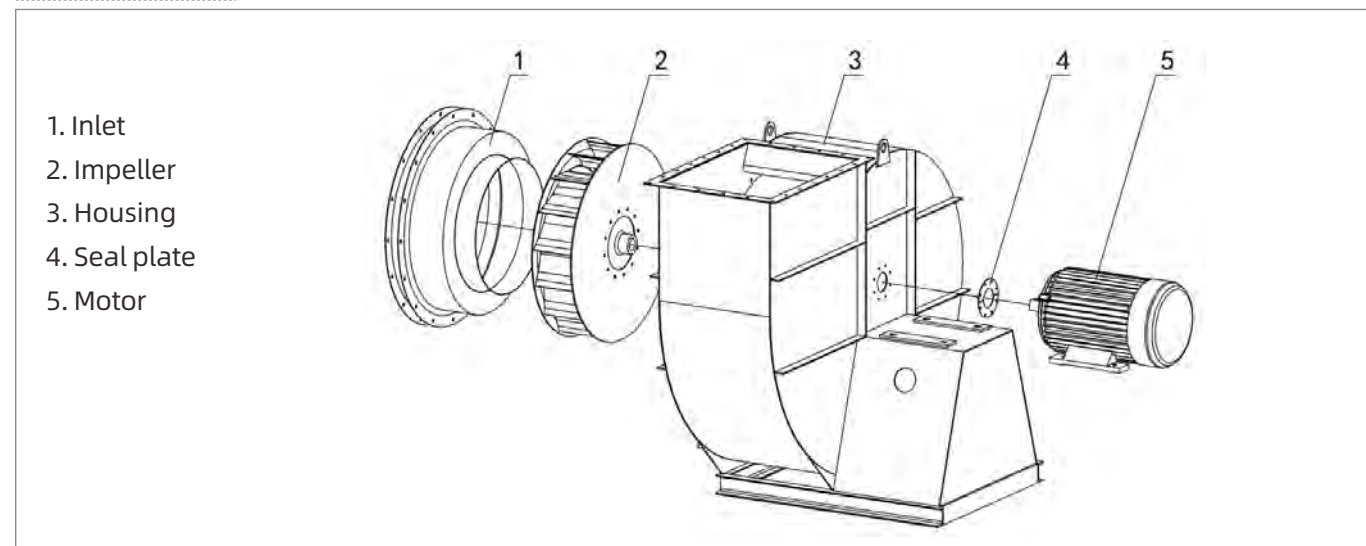
Type-C transmission performance for LP73 series fan - Air volume: **4400-89000m³/h**, Total pressure: **250-2600Pa**.

Type-D transmission performance for LP73 series fan - Air volume: **3700-93000m³/h**, Total pressure: **120-4200Pa**.

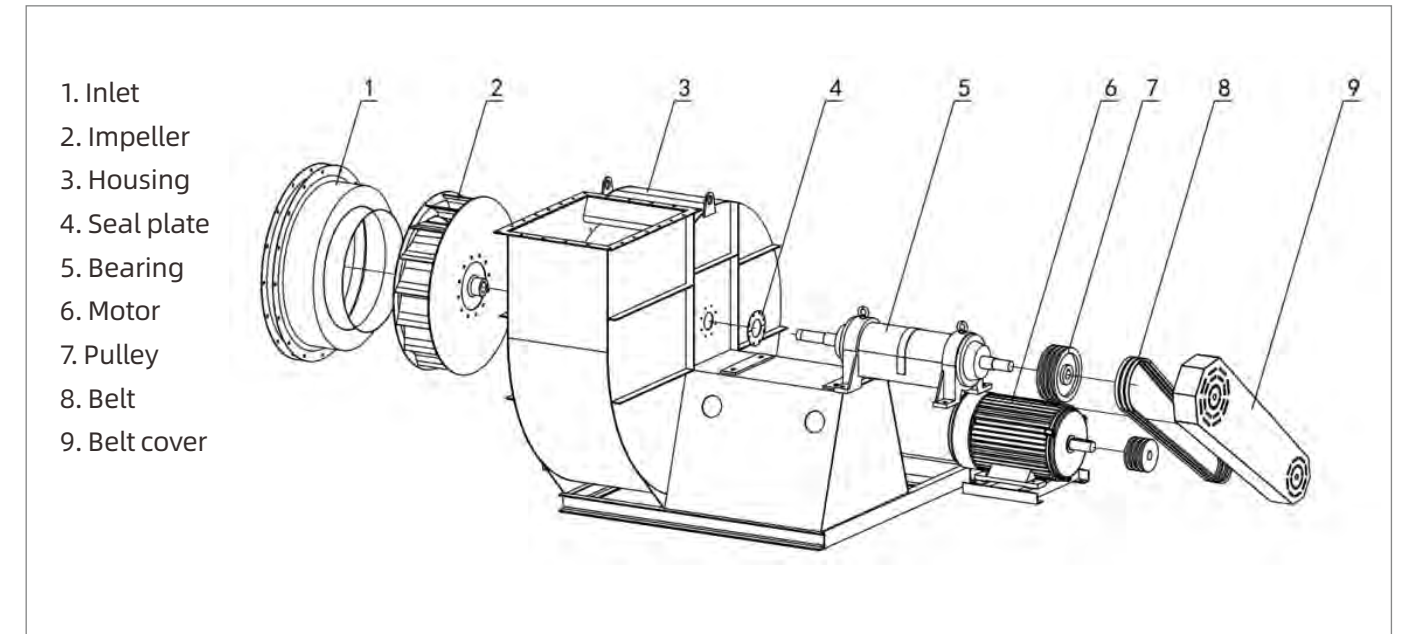
Driven Type & Structure:

Lp73 series fan primarily adopts three transmission modes: A-type, C-type, and D-type. Additionally, fans with other transmission modes can be designed and produced according to customer requirements.

Type-A: Direct-coupling transmission with the motor. It features a compact structure and easy maintenance.

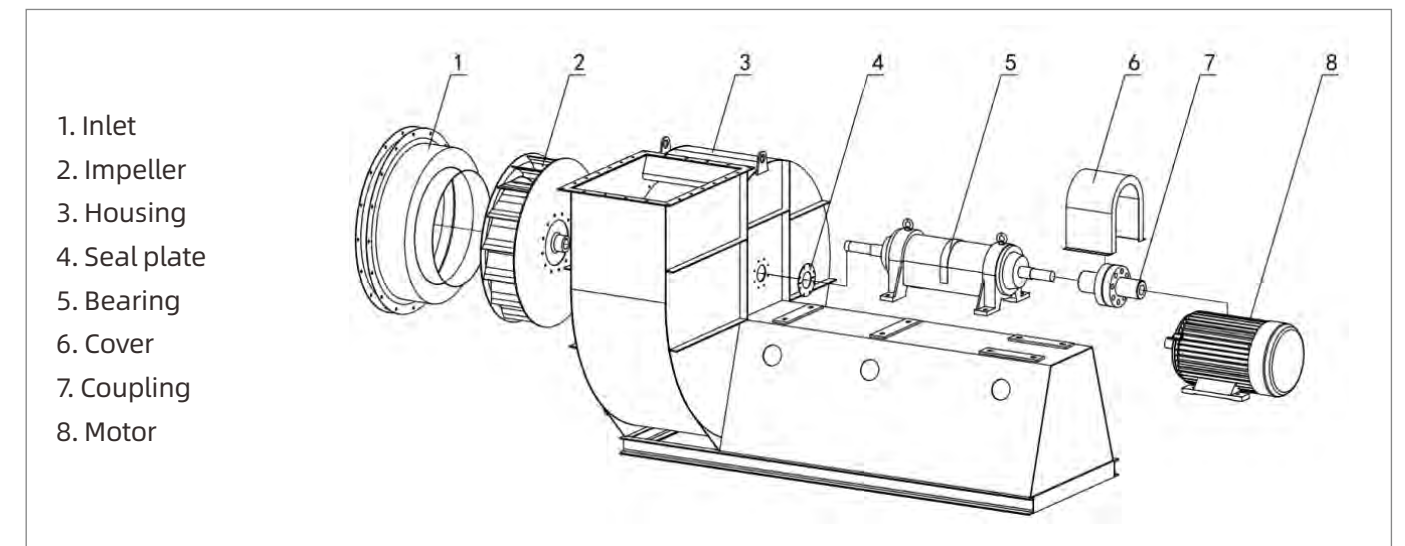


Type-C: Belt transmission. Its advantage lies in the ability to adjust the fan performance parameters by changing the speed, compensating for selection errors. However, belts are consumable components and require regular replacement.



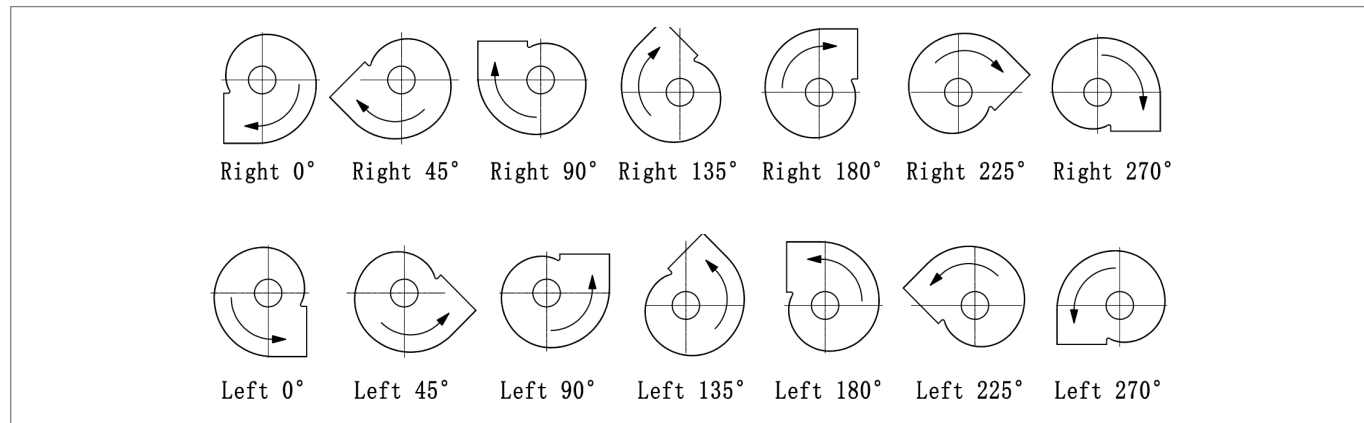
Type-D: Coupling transmission. Compared to C-type, D-type has a more simplified and compact structure, reducing the size of the unit. However, it cannot change the fan speed.

Note: The fan components shown in the diagram may be subject to appropriate changes based on order requirements or specific usage scenarios. Actual items should be referred to for accuracy.



Direction Of Rotation & Outlet Angle:

- According to the rotation direction of the impeller, the fan is divided into clockwise (right-hand) and counterclockwise (left-hand) rotation. When viewed from the drive end, if the impeller rotates clockwise, it is considered right-hand rotation, denoted as "Right"; if the impeller rotates counterclockwise, it is considered left-hand rotation, denoted as "Left".
- According to the different positions of the outlet, the fan can be manufactured in 7 different angles (refer to the schematic diagram below). Our company's standard products include three angles: 0°, 90°, and 180°, and other angles can be customized based on customer requirements.
- Note: The arrows in the diagram indicate the direction of the impeller's rotation.

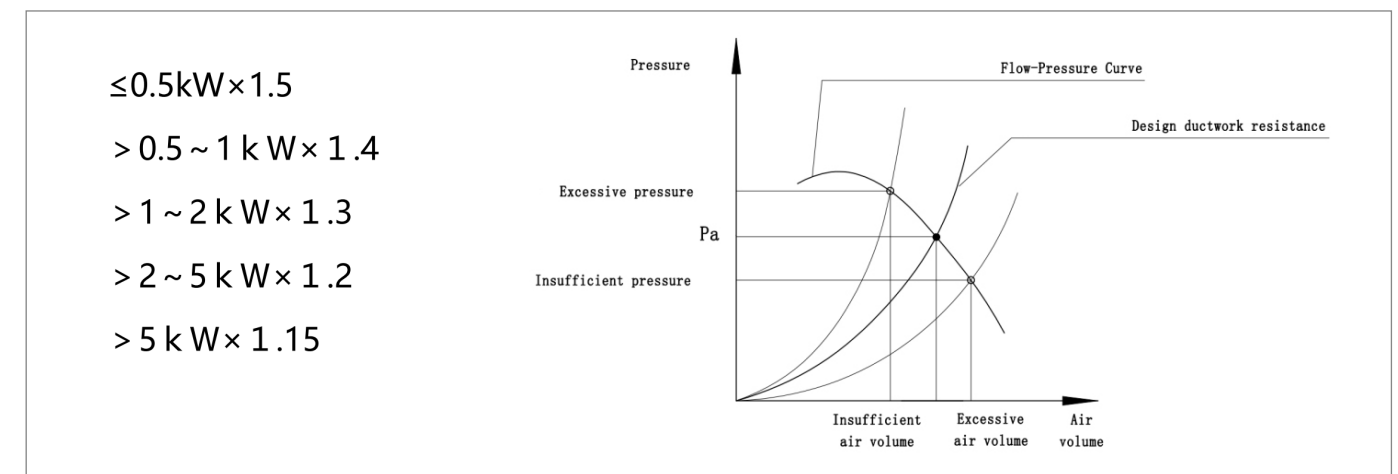


Technical Note:

- The fan performance parameters provided in this document are based on standard conditions: clean air at standard atmospheric pressure, a temperature of 20°C, and air density of 1.2 kg/m³. If the fan is used under non-standard conditions, the parameters should be converted to standard conditions for proper selection.
- When the operating conditions are non-standard or the fan speed varies, it is necessary to convert the performance from non-standard to standard conditions and then select the fan based on the converted performance. The conversion formula is as follows:

$Q_0 = Q \left(\frac{n_0}{n}\right)$	Q — Air Volume (m³/h)
$p_0 = p \left(\frac{n_0}{n}\right)^2 \left(\frac{\rho_0}{\rho}\right)$	p — Total pressure (Pa)
$N_{in0} = N_{in} \left(\frac{n_0}{n}\right)^3 \left(\frac{\rho_0}{\rho}\right)$	N _{in} — Shaft power (kW)
$\eta_{in0} = \eta_{in}$	η _{in} — Internal efficiency
	ρ — Gas density (kg/m³)

- The power curve in the performance curve chart refers to the shaft power of the fan. When selecting the motor power, it is necessary to consider the following safety factors:
- During the use of the ventilation fan, it is common to encounter situations where the airflow is either too high or too low. This is mainly due to inaccurate resistance design of the duct system or changes in duct resistance. If, during usage, the airflow gradually decreases over a longer period or suddenly decreases in a short time, it is mainly due to duct blockage.



Usage & Service Condition:

- **Usage scenarios:** It can serve as supporting equipment for environmental purification facilities and air treatment facilities; it is also widely applicable in large and medium-sized factories, civil buildings, large squares, power plants, and other places.
- **Medium Requirements:** The conveyed medium should be air or other non-corrosive, non-flammable, non-explosive gases, and the gas should not contain sticky substances. The dust and solid particle content in the gas should not exceed 150mg/m³. If used for conveying small particle materials, the service life of the fan impeller will be shortened.
- **Conveyed Medium Temperature:** The standard fan is designed to convey medium with a temperature not exceeding 80°C.

Attention:

- When the environment demands higher vibration standards for the fan, such as when the fan is installed on a floor, vibration dampers can be used as auxiliary equipment. When selecting, it should be noted that standard fan configurations do not include vibration dampers. Users can purchase dampers separately or specify the inclusion of dampers when ordering the fan.
- Fan accessories can be configured according to user requirements, such as regulating mechanisms (adjustment dampers and control linkages), control systems (control cabinets, starting cabinets, and operation boxes), protective mechanisms (various temperature and vibration measuring instruments, soft connections, and expansion joints for pipeline systems), and other items like silencers, electric actuators, and fluid couplings. It is essential to specify these requirements when placing an order.
- When the fan is intended for conveying high-temperature medium (medium temperature exceeding 80°C), it is important to specify this requirement when placing the order.

Type A external mounting dimensions

Product Characteristic:

- Model: 500,560,630,710,800,850,900,1000,1120,1250
- Airflow(m³/h): 3700-93000
- Total pressure(Pa): 120-4200
- Impeller: Backward inclined centrifugal impeller
- Transmission mode: Motor direct drive
- Overall material: Carbon steel coating

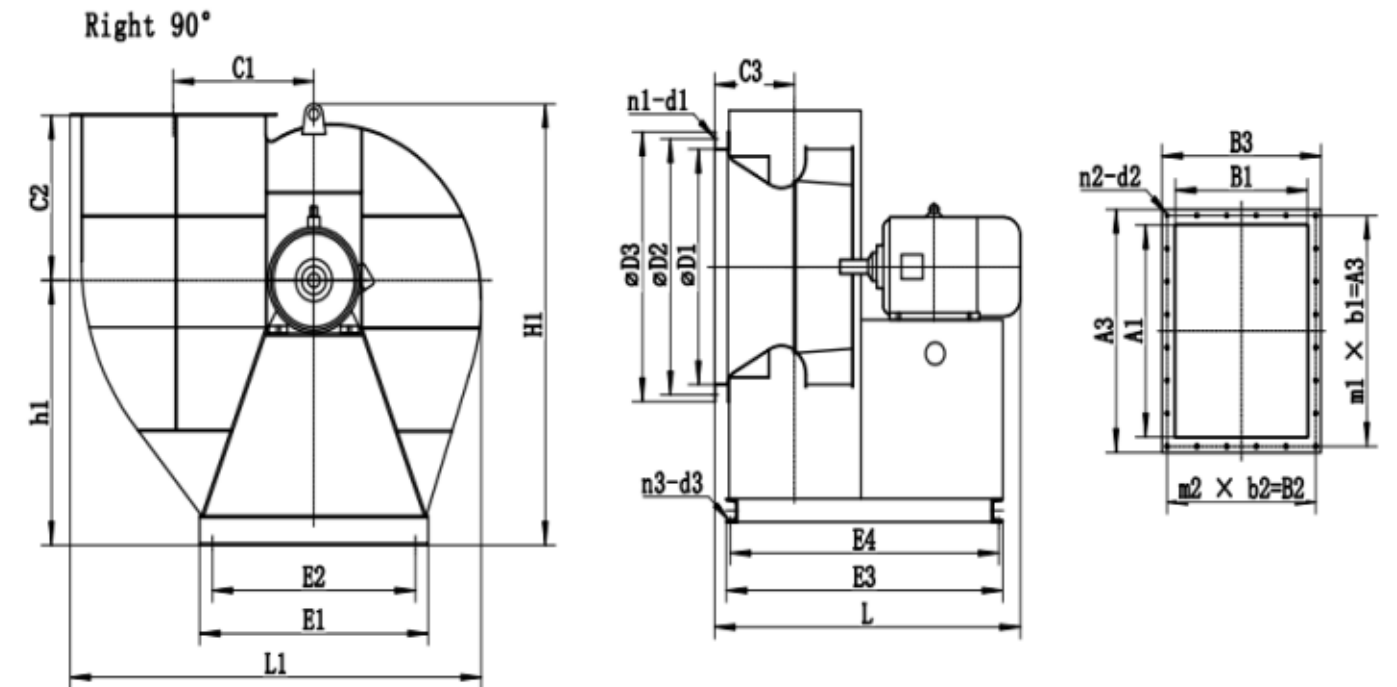


Product size

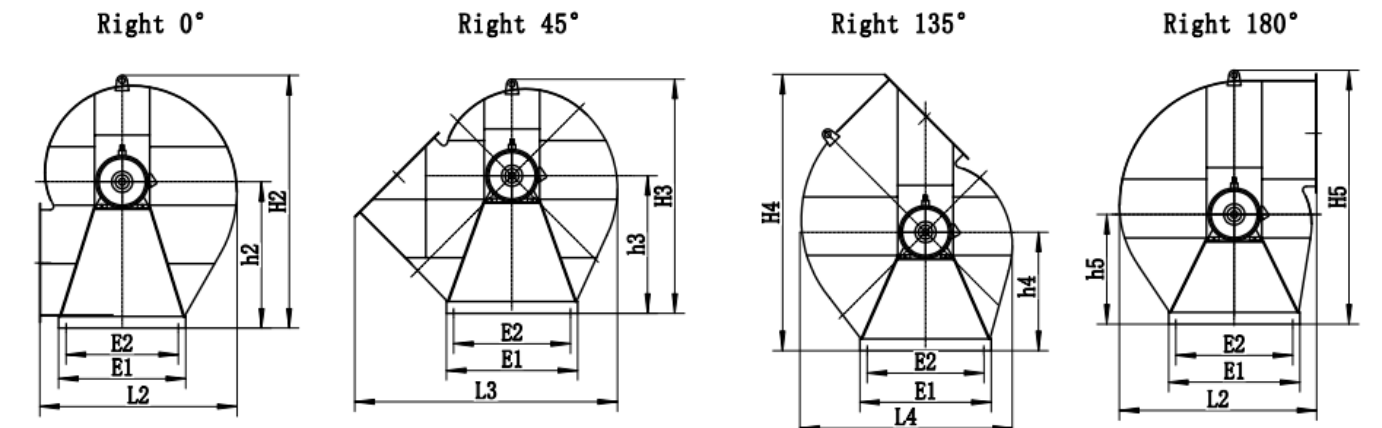
Type	Inlet dimensions				Outlet dimensions													
	D1	D2	D3	n1-d1	A1	m1xb1=A2	m1	b1	A3	B1	m2xb2=B2	m2	b2	B3	n2-d2	C1	C2	C3
500A	500	550	580	8-Φ12	450	5x98=490	5	98	520	325	4x91=364	4	91	395	18-Φ10	350	350	221
560A	560	620	650	12-Φ15	504	5x110=550	5	110	580	364	4x102=408	4	102	440	18-Φ10	392	391	240
630A	630	690	720	12-Φ15	567	6x103=618	6	103	650	410	4x115=460	4	115	490	20-Φ10	441	440	263
710A	710	770	800	12-Φ15	639	6x116=696	6	116	735	462	5x104=520	5	104	560	22-Φ10	497	495	289
800A	800	860	900	12-Φ15	720	7x112=784	7	112	820	520	5x116=580	5	116	620	24-Φ10	560	558	319
900A	900	970	1010	12-Φ15	810	7x124=868	7	124	910	585	5x129=645	5	129	685	24-Φ10	630	627	352
1000A	1000	1070	1110	12-Φ15	900	8x120=960	8	120	1010	650	6x119=714	6	119	760	28-Φ12	700	698	384
1120A	1120	1200	1250	16-Φ15	1008	10x107=1070	10	107	1120	728	8x99=792	8	99	840	36-Φ12	784	781	424
1250A	1250	1330	1380	16-Φ15	1125	10x119=1190	10	119	1240	813	8x110=880	8	110	925	36-Φ12	875	873	467

Type	Motor power	Dimensions																			
		H1	H2	H3	H4	H5	h1	h2	h3	h4	h5	L	L1	L2	L3	L4	E1	E2	E3	E4	n3-d3
500A	2.2kw-4	980	1120	1140	1245	1120	653	613	573	533	493	720	1040	900	1245	960	560	520	650	610	4-Φ15
	895											780							740	4-Φ15	
560A	3kw-4	1081	1238	1148	1388	1238	722	677	632	587	542	760	1158	1001	1388	1068	620	580	700	660	4-Φ15
	1000											880							840	4-Φ15	
630A	2.2kw-6	1198	1375	1274	1550	1375	802	751	701	651	600	830	1295	1118	1550	1194	690	650	750	710	4-Φ15
	885											780							740	4-Φ15	
710A	11kw-4	1353	1552	1438	1757	1552	913	856	800	743	686	1045	1450	1253	1757	1338	780	740	950	910	4-Φ15
	945											850							810	4-Φ15	
800A	18.5kw-4	1504	1728	1600	1965	1728	1016	952	888	824	760	1170	1628	1404	1965	1500	870	830	1050	1010	4-Φ15
	1045											950							910	4-Φ15	
900A	30kw-4	1712	1964	1820	2213	1964	1150	1078	1006	934	862	1345	1844	1592	2213	1700	980	930	1200	1150	4-Φ18
	1220											1120							1070	4-Φ18	
1000A	55kw-4	1880	2160	2000	2446	2160	1264	1184	1104	1024	944	1535	2040	1760	2446	1880	1080	1030	1350	1300	6-Φ18
	1345											1230							1180	6-Φ18	
1120A	90kw-4	2102	2415	2236	2726	2415	1422	1332	1243	1153	1064	1740	2275	1960	2726	2096	1210	1160	1550	1500	6-Φ18
	1535											1380							1330	6-Φ18	
1250A	45kw-6	2320	2670	2470	3025	2670	1570	1470	1370	1270	1170	1770	2530	2180	3025	2330	1340	1290	1600	1550	6-Φ18
	1615											1450							1400	6-Φ18	

Type A external mounting dimensions



Type A external mounting dimensions



Type C external mounting dimensions

Product Characteristic:

- Model: 500,560,630,710,800,850,900,1000,1120,1250
- Airflow(m³/h): 4400-89000
- Total pressure(Pa): 250-2600
- Impeller: Backward inclined centrifugal impeller
- Transmission mode: Coupling drive & Belt drive
- Overall material: Carbon steel coating

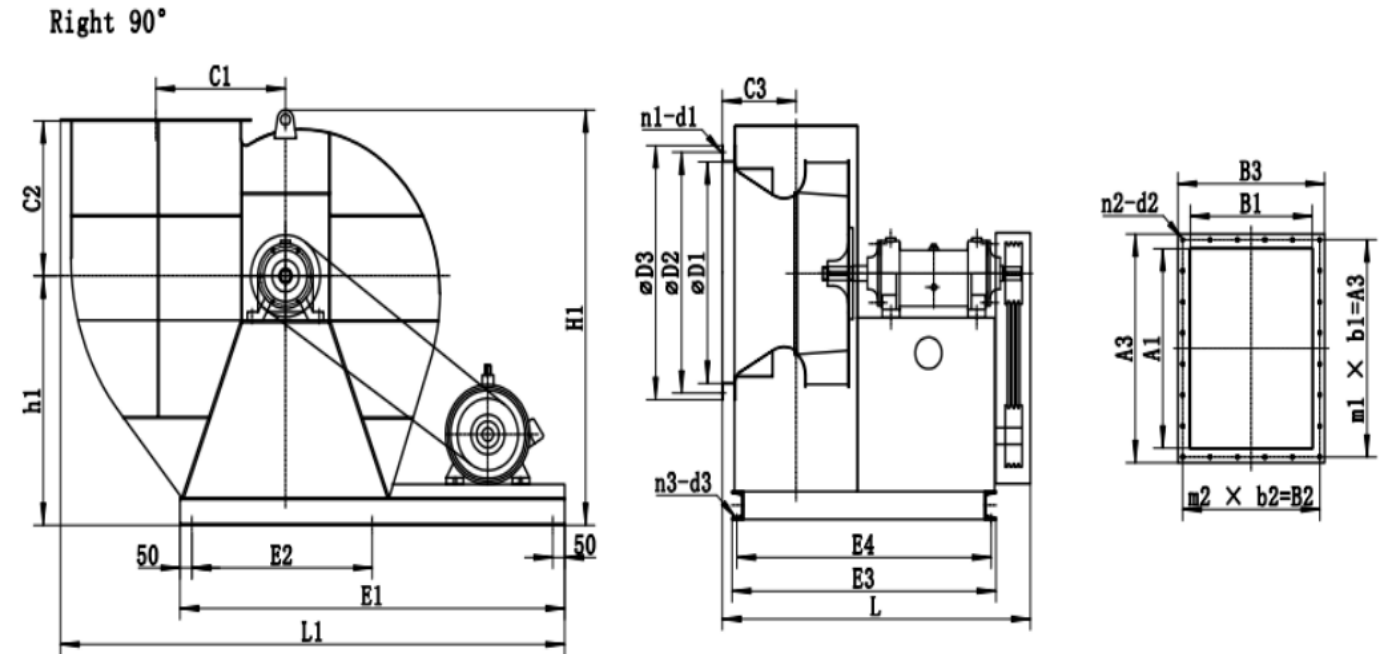


Product size

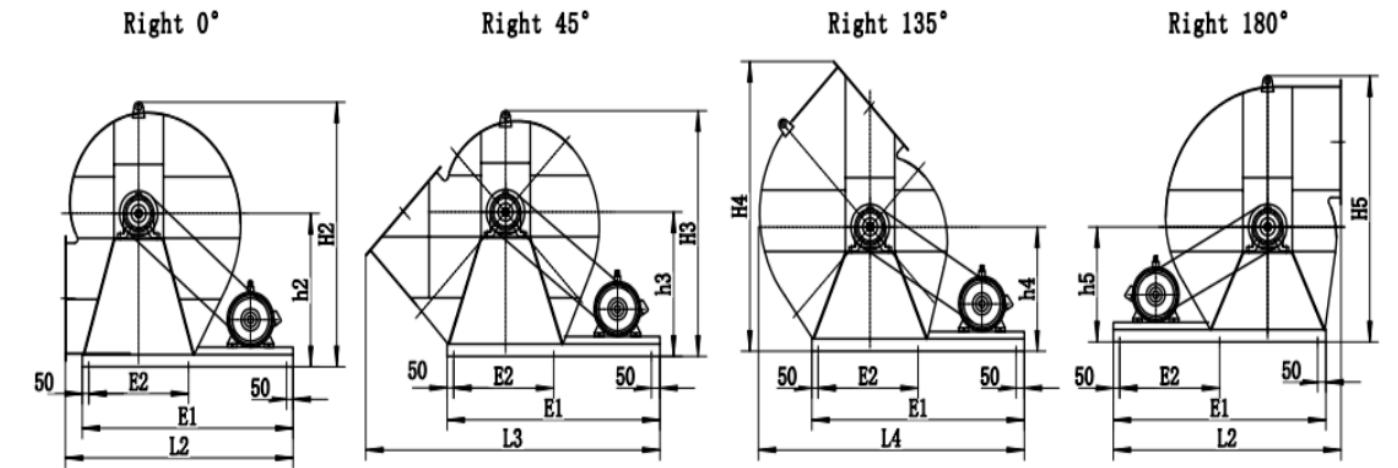
Type	Inlet dimensions				Outlet dimensions													
	D1	D2	D3	n1-d1	A1	m1xb1=A2	m1	b1	A3	B1	m2xb2=B2	m2	b2	B3	n2-d2	C1	C2	C3
500C	500	550	580	8-Φ12	450	5x98=490	5	98	520	325	4x91=364	4	91	395	18-Φ10	350	350	221
560C	560	620	650	12-Φ15	504	5x110=550	5	110	580	364	4x102=408	4	102	440	18-Φ10	392	391	240
630C	630	690	720	12-Φ15	567	6x103=618	6	103	650	410	4x115=460	4	115	490	20-Φ10	441	440	263
710C	710	770	800	12-Φ15	639	6x116=696	6	116	735	462	5x104=520	5	104	560	22-Φ10	497	495	289
800C	800	860	900	12-Φ15	720	7x112=784	7	112	820	520	5x116=580	5	116	620	24-Φ10	560	558	319
900C	900	970	1010	12-Φ15	810	7x124=868	7	124	910	585	5x129=645	5	129	685	24-Φ10	630	627	352
1000C	1000	1070	1110	12-Φ15	900	8x120=960	8	120	1010	650	6x119=714	6	119	760	28-Φ12	700	698	384
1120C	1120	1200	1250	16-Φ15	1008	10x107=1070	10	107	1120	728	8x99=792	8	99	840	36-Φ12	784	781	424
1250C	1250	1330	1380	16-Φ15	1125	10x119=1190	10	119	1240	813	8x110=880	8	110	925	36-Φ12	875	873	467

Type	Dimensions																			
	H1	H2	H3	H4	H5	h1	h2	h3	h4	h5	L	L1	L2	L3	L4	E1	E2	E3	E4	n3-d3
500C	980	1120	1140	1245	1120	653	613	573	533	493	1075	1370	1120	1445	1303	1050	460	820	780	6-Φ15
560C	1081	1238	1148	1388	1238	722	677	632	587	542	1205	1620	1331	1699	1537	1250	520	950	910	6-Φ15
630C	1198	1375	1274	1550	1375	802	751	701	651	600	1255	1720	1395	1808	1626	1300	590	1000	960	6-Φ15
710C	1353	1552	1438	1757	1552	913	856	800	743	686	1375	1870	1505	1971	1766	1400	680	1120	1080	6-Φ15
800C	1504	1728	1600	1965	1728	1016	952	888	824	760	1435	2030	1623	2146	1917	1500	770	1180	1140	8-Φ15
900C	1712	1964	1820	2213	1964	1150	1078	1006	934	862	1685	2300	1837	2421	2168	1700	880	1430	1380	8-Φ18
1000C	1880	2160	2000	2446	2160	1264	1184	1104	1024	944	1750	2555	2058	2706	2424	1900	980	1495	1445	8-Φ18
1120C	2102	2415	2236	2726	2415	1422	1332	1243	1153	1064	1875	2810	2276	2983	2687	2100	1110	1620	1570	8-Φ18
1250C	2320	2670	2470	3025	2670	1570	1470	1370	1270	1170	1955	3033	2443	3230	2900	2240	1240	1700	1650	8-Φ18

Type C external mounting dimensions



Type C external mounting dimensions



Type D external mounting dimensions

Product Characteristic:

- Model: 500,560,630,710,800,850,900,1000,1120,1250
- Airflow(m³/h): 3700-93000
- Total pressure(Pa): 120-4200
- Impeller: Backward inclined centrifugal impeller
- Transmission mode: Coupling drive
- Overall material: Carbon steel coating

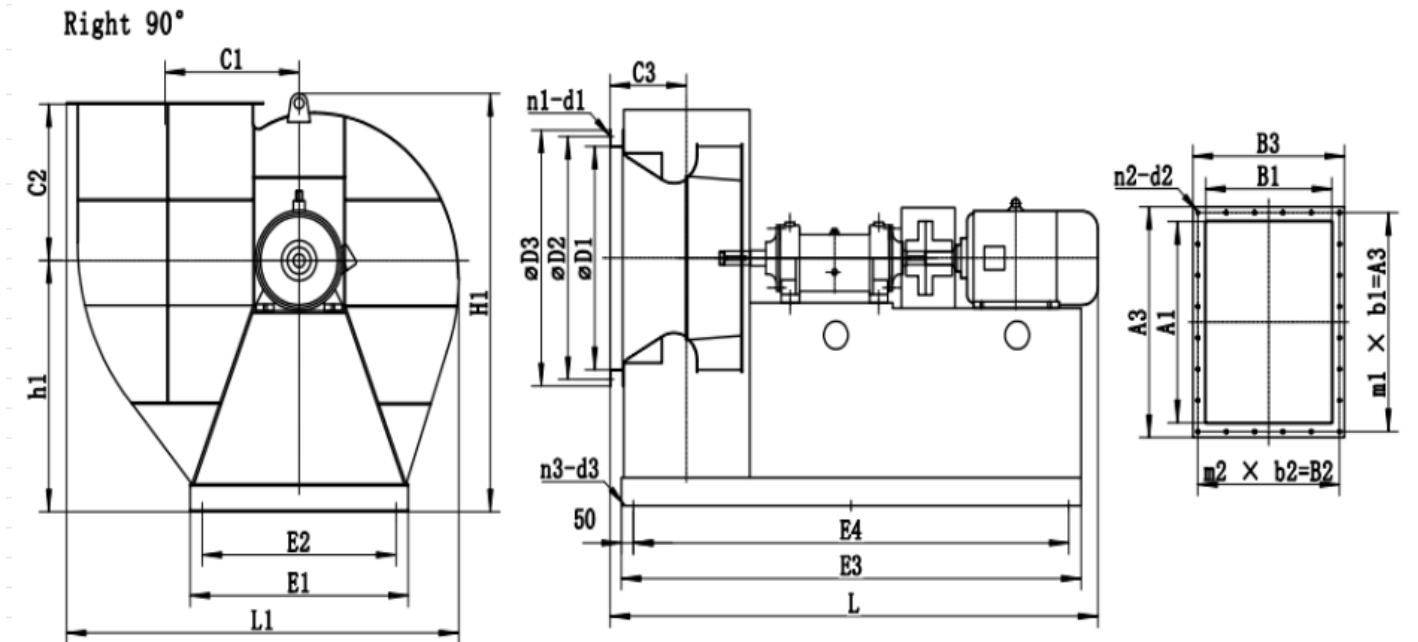


Product size

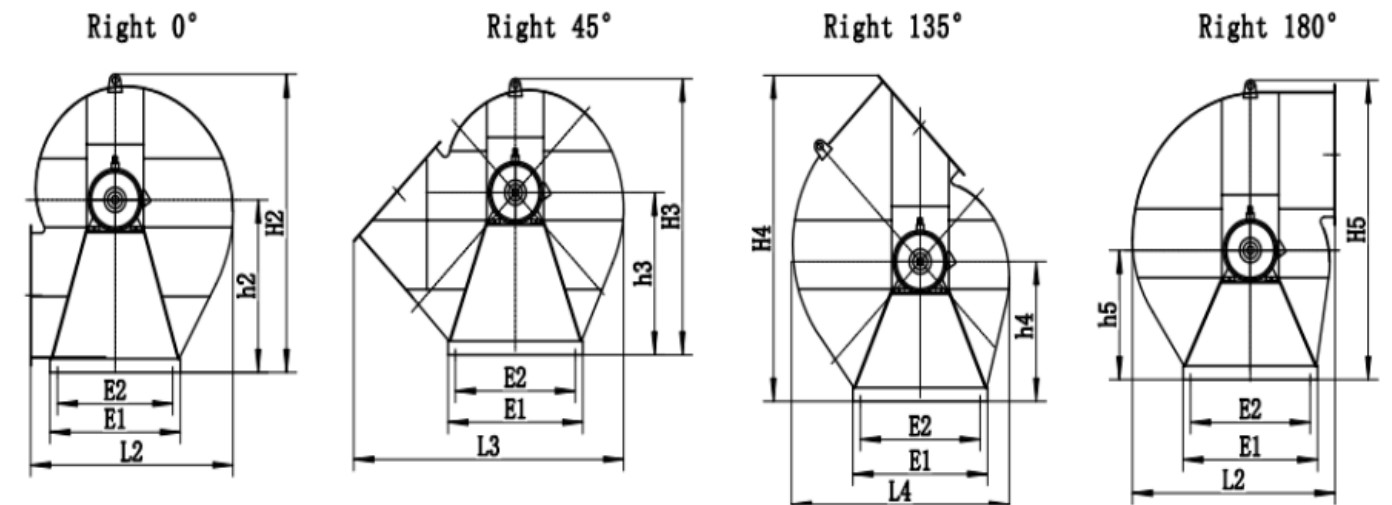
Type	Inlet dimensions				Outlet dimensions													
	D1	D2	D3	n1-d1	A1	m1xb1=A2	m1	b1	A3	B1	m2xb2=B2	m2	b2	B3	n2-d2	C1	C2	C3
500D	500	550	580	8-Φ12	450	5x98=490	5	98	520	325	4x91=364	4	91	395	18-Φ10	350	350	221
560D	560	620	650	12-Φ15	504	5x110=550	5	110	580	364	4x102=408	4	102	440	18-Φ10	392	391	240
630D	630	690	720	12-Φ15	567	6x103=618	6	103	650	410	4x115=460	4	115	490	20-Φ10	441	440	263
710D	710	770	800	12-Φ15	639	6x116=696	6	116	735	462	5x104=520	5	104	560	22-Φ10	497	495	289
800D	800	860	900	12-Φ15	720	7x112=784	7	112	820	520	5x116=580	5	116	620	24-Φ10	560	558	319
900D	900	970	1010	12-Φ15	810	7x124=868	7	124	910	585	5x129=645	5	129	685	24-Φ10	630	627	352
1000D	1000	1070	1110	12-Φ15	900	8x120=960	8	120	1010	650	6x119=714	6	119	760	28-Φ12	700	698	384
1120D	1120	1200	1250	16-Φ15	1008	10x107=1070	10	107	1120	728	8x99=792	8	99	840	36-Φ12	784	781	424
1250D	1250	1330	1380	16-Φ15	1125	10x119=1190	10	119	1240	813	8x110=880	8	110	925	36-Φ12	875	873	467

Type	Motor power	Dimensions																			
		H1	H2	H3	H4	H5	h1	h2	h3	h4	h5	L	L1	L2	L3	L4	E1	E2	E3	E4	n3-d3
500D	2.2kw-4	980	1120	1040	1245	1120	653	613	573	533	493	1340	1040	900	1245	960	560	520	1270	1170	6-Φ15
	15kw-2											1515							1450	1350	6-Φ15
560D	3kw-4	1081	1238	1148	1388	1238	722	677	632	587	542	1380	1158	1001	1388	1068	620	580	1300	1200	6-Φ15
	22kw-2											1620							1550	1450	6-Φ15
630D	2.2kw-6	1198	1375	1274	1550	1375	802	751	701	651	600	1650	1295	1118	1550	1194	690	650	1560	1460	6-Φ15
	5.5kw-4											1705							1600	1500	6-Φ15
710D	11kw-4	1353	1552	1438	1757	1552	913	856	800	743	686	1865	1450	1253	1757	1338	780	740	1750	1650	6-Φ15
	3kw-6											1765							1650	1550	6-Φ15
800D	18.5kw-4	1504	1728	1600	1965	1728	1016	952	888	824	760	1990	1628	1404	1965	1500	870	830	1850	1750	6-Φ15
	5.5kw-6											1865							1720	1620	6-Φ15
900D	30kw-4	1712	1964	1820	2213	1964	1150	1078	1006	934	862	2455	1844	1592	2213	1700	980	930	2300	2200	6-Φ18
	11kw-6											2330							2200	2100	6-Φ18
1000D	55kw-4	1880	2160	2000	2446	2160	1264	1184	1104	1024	944	2645	2040	1760	2446	1880	1080	1030	2460	2360	8-Φ18
	15kw-6											2455							2320	2220	8-Φ18
1120D	90kw-4	2102	2415	2236	2726	2415	1422	1332	1243	1153	1064	2850	2275	1960	2726	2096	1210	1160	2700	2600	8-Φ18
	30kw-6											2645							2500	2400	8-Φ18
1250D	45kw-6	2320	2670	2470	3025	2670	1570	1470	1370	1270	1170	2880	2530	2180	3025	2330	1340	1290	2700	2600	8-Φ18
	22kw-8											2725							2580	2480	8-Φ18

Type D external mounting dimensions



Type D external mounting dimensions



1. Performance chart 2. A/D direct drive

Model	Motor Power kw	Fan Speed r/min	Operating point	Air Volume	Static Pressure	Total Pressure	Shaft Power	Fan efficiency
				qvsg1Gu	psFGu	pFGu	PaGu	ηr
				(m3/h)	(Pa)	(Pa)	(kW)	(%)
500	Y100L1-2.2kw-4p	1450	1	8330	46	188	1.37	49.77
			2	7915	153	282	1.41	61.87
			3	7484	288	403	1.52	73.22
			4	7094	359	462	1.53	77.56
			5	6483	458	544	1.57	80.42
			6	6029	546	620	1.57	83.94
			7	5393	645	704	1.56	87.21
			8	4634	738	782	1.46	86.73
			9	3785	806	835	1.39	81.36
	Y160M2-15kw-2p	2930	1	16833	186	769	11.32	49.77
			2	15993	625	1150	11.65	61.87
			3	15123	1178	1647	12.53	73.22
			4	14334	1467	1887	12.62	77.56
			5	13099	1869	2220	12.94	80.42
			6	12183	2227	2531	12.99	83.94
			7	10897	2632	2874	12.87	87.21
			8	9364	3013	3192	12.08	86.73
			9	7648	3290	3409	11.43	81.36
560	Y100L2-3kw-4p	1450	1	11088	55	228	2.21	49.77
			2	10534	185	341	2.27	61.87
			3	9961	349	488	2.45	73.22
			4	9442	435	559	2.46	77.56
			5	8628	554	658	2.53	80.42
			6	8025	660	750	2.53	83.94
			7	7178	780	852	2.51	87.21
			8	6168	893	946	2.36	86.73
			9	5038	975	1010	2.23	81.36
	Y180M-22kw-2p	2930	1	22405	225	931	18.23	49.77
			2	21286	756	1392	18.76	61.87
			3	20129	1425	1992	20.17	73.22
			4	19079	1775	2284	20.32	77.56
			5	17435	2261	2686	20.84	80.42
			6	16215	2695	3062	20.92	83.94
			7	14504	3185	3478	20.73	87.21
			8	12464	3646	3862	19.45	86.73
			9	10180	3980	4125	18.41	81.36
630	Y112M-2.2kw-6p	950	1	10918	31	128	1.23	49.77
			2	10373	104	192	1.26	61.87
			3	9809	197	275	1.36	73.22
			4	9297	245	315	1.37	77.56
			5	8496	312	370	1.40	80.42
			6	7902	372	422	1.41	83.94
			7	7068	439	480	1.39	87.21
			8	6073	503	533	1.31	86.73
			9	4960	549	569	1.24	81.36

Model	Motor Power kw	Fan Speed r/min	Operating point	Air Volume	Static Pressure	Total Pressure	Shaft Power	Fan efficiency
				qvsg1Gu	psFGu	pFGu	PaGu	ηr
				(m3/h)	(Pa)	(Pa)	(kW)	(%)
630	Y132S-5.5kw-4p	1450	1	16664	72	299	4.36	49.77
			2	15832	243	447	4.48	61.87
			3	14971	458	640	4.82	73.22
			4	14190	570	734	4.86	77.56
			5	12968	727	863	4.98	80.42
			6	12060	866	984	5.00	83.94
			7	10787	1023	1118	4.95	87.21
			8	9270	1172	1241	4.65	86.73
			9	7571	1279	1325	4.40	81.36
710	Y160M-11kw-4p	1460	1	23389	249	541	7.35	57.77
			2	22158	482	743	7.74	69.08
			3	20892	721	952	8.13	77.97
			4	19317	956	1153	8.44	83.31
			5	17985	1106	1276	8.43	85.65
			6	16225	1323	1462	8.47	87.81
			7	14314	1539	1647	8.43	87.71
			8	12084	1590	1666	7.99	80
			9	9778	1604	1654	7.25	71.94
	Y132S-3kw-6p	960	1	15379	108	234	2.09	57.77
			2	14570	208	321	2.20	69.08
			3	13737	312	412	2.31	77.97
			4	12701	413	499	2.40	83.31
			5	11826	478	552	2.40	85.65
			6	10669	572	632	2.41	87.81
			7	9412	665	712	2.40	87.71
			8	7945	687	720	2.27	80
			9	6429	694	715	2.06	71.94
800	Y180M-18.5kw-4p	1470	1	33688	320	696	13.63	57.77
			2	31914	621	957	14.35	69.08
			3	30092	928	1226	15.07	77.97
			4	27822	1230	1484	15.65	83.31
			5	25905	1423	1643	15.63	85.65
			6	23369	1703	1882	15.70	87.81
			7	20616	1981	2120	15.62	87.71
			8	17404	2046	2145	14.81	80
			9	14083	2065	2129	13.45	71.94
	Y132M2-5.5kw-6p	960	1	22000	137	297	3.80	57.77
			2	20842	265	408	4.00	69.08
			3	19652	396	523	4.20	77.97
			4	18170	525	633	4.36	83.31
			5	16917	607	701	4.35	85.65
			6	15262	726	802	4.37	87.81
			7	13464	845	904	4.35	87.71
			8	11366	873	915	4.13	80
			9	9197	880	908	3.75	71.94

1. Performance chart 2. A/D direct drive

Model	Motor Power kw	Fan Speed r/min	Operating point	Air Volume	Static Pressure	Total Pressure	Shaft Power	Fan efficiency
				qvsg1Gu	psFGu	pFGu	PaGu	ηr
				(m3/h)	(Pa)	(Pa)	(kW)	(%)
900	Y200L-30kw-4p	1450	1	47314	395	857	23.57	57.77
			2	44822	764	1178	24.82	69.08
			3	42263	1142	1509	26.07	77.97
			4	39075	1515	1828	27.06	83.31
			5	36382	1752	2023	27.03	85.65
			6	32821	2097	2317	27.15	87.81
			7	28955	2439	2610	27.01	87.71
			8	24444	2519	2641	25.62	80
			9	19779	2542	2622	23.26	71.94
	Y160L-11kw-6p	960	1	31325	173	376	6.84	57.77
			2	29676	335	516	7.20	69.08
			3	27981	501	662	7.56	77.97
			4	25870	664	801	7.85	83.31
			5	24087	768	887	7.84	85.65
			6	21730	919	1016	7.88	87.81
			7	19170	1069	1144	7.84	87.71
			8	16183	1104	1158	7.43	80
			9	13095	1114	1149	6.75	71.94
1000	Y250M-55kw-4p	1480	1	66245	508	1102	42.45	57.77
			2	62757	983	1515	44.70	69.08
			3	59173	1469	1941	46.94	77.97
			4	54710	1948	2351	48.73	83.31
			5	50939	2254	2602	48.67	85.65
			6	45954	2697	2980	48.89	87.81
			7	40540	3137	3357	48.65	87.71
			8	34224	3240	3397	46.13	80
			9	27693	3270	3373	41.88	71.94
	Y180L-15kw-6p	970	1	43417	218	473	11.95	57.77
			2	41131	422	651	12.59	69.08
			3	38782	631	834	13.21	77.97
			4	35857	837	1010	13.72	83.31
			5	33386	968	1118	13.70	85.65
			6	30118	1158	1280	13.76	87.81
			7	26570	1348	1442	13.70	87.71
			8	22431	1392	1459	12.99	80
			9	18150	1405	1449	11.79	71.94

Model	Motor Power kw	Fan Speed r/min	Operating point	Air Volume	Static Pressure	Total Pressure	Shaft Power	Fan efficiency
				qvsg1Gu	psFGu	pFGu	PaGu	ηr
				(m3/h)	(Pa)	(Pa)	(kW)	(%)
1120	Y280M-90kw-4p	1480	1	93069	637	1382	74.81	57.77
			2	88169	1233	1900	78.78	69.08
			3	83134	1843	2435	82.72	77.97
			4	76863	2444	2949	85.89	83.31
			5	71566	2827	3264	85.77	85.65
			6	64562	3383	3738	86.16	87.81
			7	56956	3935	4211	85.73	87.71
			8	48082	4064	4261	81.30	80
			9	38906	4102	4231	73.82	71.94
	Y225M-30kw-6p	970	1	60998	274	594	21.06	57.77
			2	57786	530	816	22.18	69.08
			3	54486	792	1046	23.29	77.97
			4	50377	1050	1267	24.18	83.31
			5	46905	1214	1402	24.15	85.65
			6	42314	1453	1606	24.26	87.81
			7	37329	1690	1809	24.14	87.71
			8	31513	1746	1830	22.89	80
			9	25499	1762	1817	20.78	71.94
1250	Y280S-45kw-6p	970	1	84799	341	740	36.47	57.77
			2	80334	660	1017	38.41	69.08
			3	75747	986	1303	40.33	77.97
			4	70034	1308	1578	41.87	83.31
			5	65207	1513	1746	41.82	85.65
			6	58825	1810	2000	42.00	87.81
			7	51895	2106	2253	41.80	87.71
			8	43810	2175	2280	39.64	80
			9	35449	2195	2264	35.99	71.94
	Y225M-22kw-8p	740	1	64692	198	430	16.19	57.77
			2	61286	384	592	17.05	69.08
			3	57786	574	758	17.91	77.97
			4	53428	761	918	18.59	83.31
			5	49745	880	1016	18.57	85.65
			6	44877	1053	1164	18.65	87.81
			7	39590	1225	1311	18.56	87.71
			8	33422	1266	1327	17.60	80
			9	27044	1277	1317	15.98	71.94

1. Performance chart 2. C type(belt driven)

Model	Motor Power kw	Fan Speed r/min	Operating point	Air Volume	Static Pressure	Total Pressure	Shaft Power	Fan efficiency
				qvsg1Gu	psFGu	pFGu	PaGu	ηr
				(m3/h)	(Pa)	(Pa)	(kW)	(%)
500	3kw	1700	1	9767	63	259	2.21	49.77
			2	9279	210	387	2.28	61.87
			3	8774	397	554	2.45	73.22
			4	8317	494	635	2.46	77.56
			5	7600	629	747	2.53	80.42
			6	7068	750	852	2.54	83.94
			7	6322	886	968	2.51	87.21
			8	5433	1014	1075	2.36	86.73
			9	4437	1107	1147	2.23	81.36
	4kw	1850	1	10629	74	307	2.85	49.77
			2	10098	249	459	2.93	61.87
			3	9549	470	656	3.15	73.22
			4	9051	585	752	3.18	77.56
			5	8271	745	885	3.26	80.42
			6	7692	888	1009	3.27	83.94
			7	6880	1049	1146	3.24	87.21
			8	5913	1201	1272	3.04	86.73
			9	4829	1311	1359	2.88	81.36
	5.5kw	2100	1	12065	96	395	4.17	49.77
			2	11462	321	591	4.29	61.87
			3	10839	605	846	4.61	73.22
			4	10274	753	970	4.65	77.56
			5	9389	960	1140	4.76	80.42
			6	8732	1144	1300	4.78	83.94
			7	7810	1352	1477	4.74	87.21
			8	6712	1548	1640	4.45	86.73
			9	5482	1690	1751	4.21	81.36
	7.5kw	2350	1	13501	120	495	5.84	49.77
			2	12827	402	740	6.01	61.87
			3	12129	758	1059	6.46	73.22
			4	11497	943	1214	6.51	77.56
			5	10506	1202	1428	6.68	80.42
			6	9771	1433	1628	6.70	83.94
			7	8740	1693	1849	6.64	87.21
			8	7511	1938	2053	6.23	86.73
			9	6134	2116	2193	5.90	81.36
560	4kw	1550	1	12511	65	270	2.95	49.77
			2	11886	219	404	3.04	61.87
			3	11240	413	578	3.27	73.22
			4	10654	515	663	3.29	77.56
			5	9736	656	779	3.38	80.42
			6	9054	782	888	3.39	83.94
			7	8099	924	1009	3.36	87.21
			8	6960	1058	1120	3.15	86.73
			9	5684	1155	1197	2.98	81.36

Model	Motor Power kw	Fan Speed r/min	Operating point	Air Volume	Static Pressure	Total Pressure	Shaft Power	Fan efficiency	
				qvsg1Gu	psFGu	pFGu	PaGu	ηr	
				(m3/h)	(Pa)	(Pa)	(kW)	(%)	
560	5.5kw	1750	1	14125	83	344	4.25	49.77	
			2	13420	280	515	4.37	61.87	
			3	12690	527	737	4.70	73.22	
			4	12028	656	845	4.74	77.56	
			5	10992	836	993	4.86	80.42	
			6	10223	997	1132	4.88	83.94	
			7	9144	1178	1286	4.83	87.21	
			8	7858	1348	1428	4.54	86.73	
			9	6418	1472	1525	4.29	81.36	
	7.5kw	1950	1	15739	103	427	5.88	49.77	
			2	14954	347	639	6.05	61.87	
			3	14140	654	915	6.51	73.22	
			4	13403	815	1049	6.55	77.56	
			5	12248	1038	1233	6.72	80.42	
			6	11391	1238	1406	6.75	83.94	
			7	10189	1463	1597	6.69	87.21	
			8	8756	1674	1773	6.28	86.73	
			9	7151	1828	1894	5.94	81.36	
	11kw	2200	1	17757	132	544	8.45	49.77	
			2	16871	442	814	8.69	61.87	
			3	15953	833	1165	9.35	73.22	
			4	15121	1037	1335	9.41	77.56	
			5	13819	1322	1570	9.65	80.42	
			6	12851	1575	1790	9.69	83.94	
			7	11495	1862	2033	9.60	87.21	
			8	9878	2131	2257	9.01	86.73	
			9	8068	2326	2411	8.53	81.36	
	630	5.5kw	1400	1	16089	67	279	3.92	49.77
				2	15286	227	417	4.04	61.87
				3	14455	427	597	4.34	73.22
				4	13701	532	684	4.37	77.56
				5	12521	677	805	4.48	80.42
				6	11644	807	917	4.50	83.94
				7	10415	954	1042	4.46	87.21
				8	8950	1092	1157	4.19	86.73
				9	7310	1192	1236	3.96	81.36
7.5kw		1550	1	17813	83	342	5.32	49.77	
			2	16924	278	511	5.48	61.87	
			3	16003	523	732	5.89	73.22	
			4	15169	652	839	5.93	77.56	
			5	13862	830	986	6.08	80.42	
			6	12892	990	1124	6.11	83.94	
			7	11531	1169	1277	6.05	87.21	
			8	9909	1339	1418	5.68	86.73	
			9	8093	1462	1514	5.37	81.36	

1. Performance chart 2. C type(belt driven)

Model	Motor Power kw	Fan Speed r/min	Operating point	Air Volume	Static Pressure	Total Pressure	Shaft Power	Fan efficiency
				qvsg1Gu	psFGu	pFGu	PaGu	ηr
				(m3/h)	(Pa)	(Pa)	(kW)	(%)
630	11kw	1800	1	20686	112	461	8.34	49.77
			2	19654	374	689	8.58	61.87
			3	18585	706	987	9.22	73.22
			4	17615	879	1131	9.29	77.56
			5	16098	1120	1330	9.53	80.42
			6	14971	1335	1516	9.56	83.94
			7	13391	1577	1722	9.48	87.21
			8	11508	1805	1912	8.89	86.73
			9	9399	1971	2042	8.42	81.36
	15kw	2000	1	22985	138	569	11.43	49.77
			2	21837	462	851	11.77	61.87
			3	20650	871	1218	12.65	73.22
			4	19573	1085	1396	12.74	77.56
			5	17887	1382	1642	13.07	80.42
			6	16635	1648	1872	13.12	83.94
			7	14879	1947	2126	13.00	87.21
			8	12786	2229	2361	12.20	86.73
			9	10443	2433	2521	11.54	81.36
710	7.5kw	1350	1	21627	213	462	5.81	57.77
			2	20488	412	635	6.12	69.08
			3	19318	616	814	6.43	77.97
			4	17861	817	986	6.67	83.31
			5	16630	945	1091	6.66	85.65
			6	15003	1131	1250	6.69	87.81
			7	13235	1316	1408	6.66	87.71
			8	11173	1359	1425	6.32	80
			9	9041	1371	1415	5.74	71.94
	11kw	1500	1	24030	263	571	7.97	57.77
			2	22765	509	785	8.40	69.08
			3	21465	761	1005	8.82	77.97
			4	19846	1009	1217	9.15	83.31
			5	18478	1167	1347	9.14	85.65
			6	16670	1397	1543	9.18	87.81
			7	14706	1624	1738	9.14	87.71
			8	12415	1678	1759	8.67	80
			9	10045	1693	1746	7.87	71.94
15kw	1700	1	27234	338	733	11.61	57.77	
		2	25800	654	1008	12.22	69.08	
		3	24327	977	1291	12.83	77.97	
		4	22492	1296	1564	13.33	83.31	
		5	20942	1499	1731	13.31	85.65	
		6	18892	1794	1982	13.37	87.81	
		7	16667	2086	2233	13.30	87.71	
		8	14070	2155	2259	12.61	80	
		9	11385	2175	2243	11.45	71.94	

Model	Motor Power kw	Fan Speed r/min	Operating point	Air Volume	Static Pressure	Total Pressure	Shaft Power	Fan efficiency
				qvsg1Gu	psFGu	pFGu	PaGu	ηr
				(m3/h)	(Pa)	(Pa)	(kW)	(%)
710	18.5kw	1800	1	28836	378	822	13.78	57.77
			2	27318	733	1130	14.51	69.08
			3	25758	1095	1447	15.24	77.97
			4	23815	1453	1753	15.82	83.31
			5	22174	1680	1940	15.80	85.65
			6	20003	2011	2222	15.87	87.81
			7	17647	2339	2503	15.79	87.71
			8	14898	2416	2533	14.97	80
			9	12055	2438	2515	13.60	71.94
800	11kw	1250	1	28646	232	503	8.38	57.77
			2	27138	449	692	8.83	69.08
			3	25588	671	886	9.27	77.97
			4	23658	889	1073	9.62	83.31
			5	22028	1029	1188	9.61	85.65
			6	19872	1231	1360	9.65	87.81
			7	17531	1432	1533	9.60	87.71
			8	14800	1479	1551	9.11	80
			9	11975	1493	1540	8.27	71.94
	15kw	1350	1	30938	270	587	10.56	57.77
			2	29309	523	807	11.12	69.08
			3	27635	782	1034	11.67	77.97
			4	25551	1037	1252	12.12	83.31
			5	23790	1200	1386	12.10	85.65
			6	21462	1436	1587	12.16	87.81
			7	18933	1671	1788	12.10	87.71
			8	15984	1725	1809	11.47	80
			9	12933	1741	1796	10.42	71.94
18.5kw	1450	1	33230	312	677	13.08	57.77	
		2	31480	604	931	13.78	69.08	
		3	29682	902	1192	14.46	77.97	
		4	27444	1197	1444	15.02	83.31	
		5	25552	1384	1598	15.00	85.65	
		6	23051	1657	1831	15.07	87.81	
		7	20336	1927	2062	14.99	87.71	
		8	17167	1990	2087	14.22	80	
		9	13891	2009	2072	12.91	71.94	
22kw	1550	1	35522	356	774	15.98	57.77	
		2	33651	690	1064	16.83	69.08	
		3	31729	1031	1363	17.67	77.97	
		4	29336	1368	1650	18.34	83.31	
		5	27314	1582	1827	18.32	85.65	
		6	24641	1893	2092	18.40	87.81	
		7	21738	2202	2357	18.31	87.71	
		8	18351	2275	2385	17.37	80	
		9	14849	2295	2367	15.77	71.94	

1. Performance chart 2. C type(belt driven)

Model	Motor Power kw	Fan Speed r/min	Operating point	Air Volume	Static Pressure	Total Pressure	Shaft Power	Fan efficiency
				qvsg1Gu	psFGu	pFGu	PaGu	ηr
				(m3/h)	(Pa)	(Pa)	(kW)	(%)
900	15kw	1150	1	37525	248	539	11.76	57.77
			2	35549	481	741	12.38	69.08
			3	33519	718	949	13.00	77.97
			4	30991	953	1150	13.50	83.31
			5	28855	1102	1273	13.48	85.65
			6	26031	1319	1457	13.54	87.81
			7	22964	1534	1642	13.48	87.71
			8	19386	1585	1661	12.78	80
			9	15687	1599	1649	11.60	71.94
	18.5kw	1230	1	40135	284	617	14.39	57.77
			2	38022	550	848	15.15	69.08
			3	35850	822	1086	15.91	77.97
			4	33146	1090	1315	16.52	83.31
			5	30862	1261	1456	16.50	85.65
			6	27841	1509	1667	16.57	87.81
			7	24562	1755	1878	16.49	87.71
			8	20735	1813	1900	15.64	80
			9	16778	1829	1887	14.20	71.94
	22kw	1300	1	42419	317	689	16.99	57.77
			2	40186	614	947	17.89	69.08
			3	37891	918	1213	18.78	77.97
			4	35033	1218	1469	19.50	83.31
			5	32618	1408	1626	19.48	85.65
			6	29426	1685	1862	19.56	87.81
			7	25959	1961	2098	19.47	87.71
			8	21915	2025	2123	18.46	80
			9	17733	2044	2108	16.76	71.94
	30kw	1450	1	47314	395	857	23.57	57.77
			2	44822	764	1178	24.82	69.08
			3	42263	1142	1509	26.07	77.97
			4	39075	1515	1828	27.06	83.31
			5	36382	1752	2023	27.03	85.65
			6	32821	2097	2317	27.15	87.81
			7	28955	2439	2610	27.01	87.71
			8	24444	2519	2641	25.62	80
			9	19779	2542	2622	23.26	71.94

Model	Motor Power kw	Fan Speed r/min	Operating point	Air Volume	Static Pressure	Total Pressure	Shaft Power	Fan efficiency
				qvsg1Gu	psFGu	pFGu	PaGu	ηr
				(m3/h)	(Pa)	(Pa)	(kW)	(%)
1000	18.5kw	1020	1	45655	241	523	13.90	57.77
			2	43251	467	720	14.63	69.08
			3	40781	698	922	15.37	77.97
			4	37705	925	1117	15.95	83.31
			5	35107	1070	1236	15.93	85.65
			6	31671	1281	1415	16.00	87.81
			7	27940	1490	1595	15.92	87.71
			8	23587	1539	1613	15.10	80
			9	19086	1553	1602	13.71	71.94
	22kw	1080	1	48341	270	587	16.50	57.77
			2	45796	523	807	17.37	69.08
			3	43180	782	1034	18.24	77.97
			4	39923	1037	1252	18.94	83.31
			5	37172	1200	1386	18.91	85.65
			6	33534	1436	1587	19.00	87.81
			7	29583	1671	1788	18.90	87.71
			8	24974	1725	1809	17.93	80
			9	20208	1741	1796	16.28	71.94
	30kw	1200	1	53712	334	724	22.63	57.77
			2	50884	646	996	23.83	69.08
			3	47978	966	1276	25.02	77.97
			4	44359	1281	1546	25.98	83.31
			5	41302	1481	1711	25.94	85.65
			6	37260	1773	1959	26.06	87.81
			7	32871	2062	2207	25.93	87.71
			8	27749	2130	2233	24.59	80
			9	22454	2150	2217	22.33	71.94
	37kw	1300	1	58188	392	850	28.77	57.77
			2	55124	758	1169	30.30	69.08
			3	51976	1133	1498	31.81	77.97
			4	48056	1503	1814	33.03	83.31
			5	44744	1739	2008	32.98	85.65
			6	40365	2081	2299	33.13	87.81
			7	35610	2420	2590	32.97	87.71
			8	30062	2500	2621	31.27	80
			9	24325	2523	2602	28.39	71.94

1. Performance chart		2. C type(belt driven)						
Model	Motor Power kw	Fan Speed r/min	Operating point	Air Volume	Static Pressure	Total Pressure	Shaft Power	Fan efficiency
				qvsg1Gu	psFGu	pFGu	PaGu	ηr
				(m3/h)	(Pa)	(Pa)	(kW)	(%)
1120	22kw	900	1	56596	235	511	16.82	57.77
			2	53616	456	703	17.72	69.08
			3	50554	681	900	18.60	77.97
			4	46741	904	1091	19.31	83.31
			5	43520	1045	1207	19.29	85.65
			6	39260	1251	1382	19.37	87.81
			7	34636	1455	1557	19.28	87.71
			8	29239	1503	1576	18.28	80
			9	23659	1517	1564	16.60	71.94
	30kw	1000	1	62885	291	631	23.08	57.77
			2	59574	563	868	24.30	69.08
			3	56171	841	1112	25.52	77.97
			4	51935	1116	1346	26.49	83.31
			5	48355	1291	1490	26.46	85.65
			6	43623	1544	1707	26.58	87.81
			7	38484	1797	1922	26.45	87.71
			8	32488	1856	1945	25.08	80
			9	26288	1873	1931	22.77	71.94
	37kw	1070	1	67287	333	723	28.27	57.77
			2	63744	644	993	29.77	69.08
			3	60103	963	1273	31.26	77.97
			4	55570	1277	1541	32.46	83.31
			5	51740	1478	1706	32.41	85.65
			6	46676	1768	1954	32.56	87.81
			7	41178	2057	2201	32.40	87.71
			8	34762	2124	2227	30.72	80
			9	28128	2144	2211	27.89	71.94
	45kw	1150	1	72317	384	835	35.10	57.77
			2	68510	744	1147	36.96	69.08
			3	64597	1113	1470	38.81	77.97
			4	59725	1476	1780	40.29	83.31
			5	55609	1707	1971	40.24	85.65
			6	50166	2043	2257	40.42	87.81
			7	44257	2376	2542	40.22	87.71
			8	37361	2454	2573	38.14	80
			9	30231	2476	2554	34.63	71.94

Model	Motor Power kw	Fan Speed r/min	Operating point	Air Volume	Static Pressure	Total Pressure	Shaft Power	Fan efficiency
				qvsg1Gu	psFGu	pFGu	PaGu	ηr
				(m3/h)	(Pa)	(Pa)	(kW)	(%)
1250	30kw	830	1	72560	249	542	22.85	57.77
			2	68740	483	745	24.06	69.08
			3	64814	722	954	25.27	77.97
			4	59926	957	1155	26.23	83.31
			5	55796	1107	1279	26.20	85.65
			6	50335	1325	1464	26.31	87.81
			7	44405	1542	1650	26.19	87.71
			8	37487	1592	1669	24.83	80
			9	30333	1607	1657	22.55	71.94
	37kw	900	1	78680	293	637	29.13	57.77
			2	74537	568	875	30.68	69.08
			3	70280	849	1122	32.21	77.97
			4	64980	1126	1358	33.44	83.31
			5	60501	1302	1503	33.40	85.65
			6	54580	1558	1722	33.55	87.81
			7	48150	1813	1940	33.38	87.71
			8	40648	1872	1963	31.66	80
			9	32891	1889	1949	28.74	71.94
	45kw	960	1	83925	334	724	35.36	57.77
			2	79506	646	996	37.23	69.08
			3	74966	966	1276	39.09	77.97
			4	69312	1281	1546	40.59	83.31
			5	64535	1481	1711	40.54	85.65
			6	58218	1773	1959	40.72	87.81
			7	51360	2062	2207	40.52	87.71
			8	43358	2130	2233	38.42	80
			9	35084	2150	2217	34.88	71.94
	55kw	1020	1	89170	377	818	42.41	57.77
			2	84475	729	1124	44.66	69.08
			3	79651	1090	1441	46.89	77.97
			4	73644	1446	1745	48.69	83.31
			5	68568	1672	1931	48.62	85.65
			6	61857	2002	2212	48.84	87.81
			7	54570	2328	2491	48.60	87.71
			8	46068	2405	2521	46.09	80
			9	37276	2427	2503	41.84	71.94



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