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BULLTIN:WF001  
April,2020

最大风压可到3250Pa 最大风量可到210000m³/h 最高操作温度可到80°C

Wind pressures up to 3250Pa Wind Volume up to 210000m³/h Operating temperature up to 80°C

## 顶裕实验室风机 LAB风机系列

Dingyu Specialized Anti-corrosion Fan  
FRP Fan Series



# winfan

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苏州顶裕节能设备有限公司

SUZHOU DINGYU ENERGY-EFFICIENT EQUIPMENT CO.,LTD





## FRP Fan Series

高性能 高效率 低震动 低噪音

High Performance High Efficiency Low Vibration Low Noise

外型精致美观 性能卓越不凡

Elegant Design and Excel Performance

## 资质证书 | Qualification Certificate



节能证书（玻璃钢离心风机）  
Energy Conservation Product  
Certification (FRP Fan )



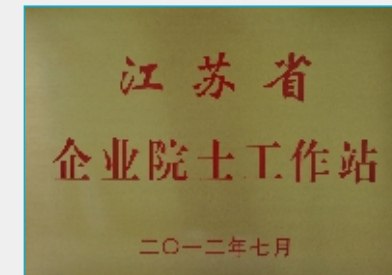
顶裕节能风机工程技术研究中心  
Energy Conservation Fan Engineering  
Research Center



防爆铁风机证书  
Explosion-proof fan Certification



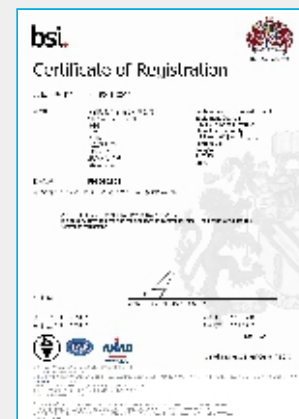
节能证书（金属离心风机）  
Energy Conservation Product  
Certification  
(Metallic Centrifugal Fan )



院士工作站  
Enterprise Academician Workstation



抗酸碱风机的外壳装置专利证书  
Acid and alkali resistant  
fan Casing patent



顶裕ISO中文证书  
ISO certificate in Chinese



节能环保玻璃钢离心风机  
Energy Conservation and Environmental  
Protection FRP Fan



对数线型叶轮专利证书  
Logarithmic linear impeller patent





## LAB风机 | LAB Fan

顶裕以专业技术为您提供理想中的专业风机。以强劲的性能，符合国际标准的设计的规格，最前瞻的设计理念，最人性化的保养维护与贴心的售后服务，推出FRP（玻璃钢）系列风机，以高效率，低能耗，低噪音，低震动，获得多项专利认证，领先于同类产品，是您在风机方面的最佳选择！

Dingyu supplies you with ideal specialized fans with its proven expertise. Based on sound performance, international standardized design and specification, perspective design concept, humanized maintenance and considerate after service, we are launching the cutting-edge FRP (glass fiber reinforced plastic) series fan featured with high efficiency, low energy consumption, low noise, low vibration and multiple patent certifications, which is your best choice.



## 风机用途与特点 | Applications and features

可广泛用于：

腐蚀性酸碱气体的抽排风，废气净化处理，污水除臭等，含有腐蚀性气体的环境。

It can be widely used for:

Ventilation of corrosive gas with acidic/alkaline contents, and waste gas purification, sewage deodorization and such environments with corrosive gas.

产品特点：

- › 使用范围广泛，适用于多种工况，高效节能（省电），为您创造利润，节省成本。
- › 本系列玻璃钢风机机壳、入口钟、叶轮均为纯玻璃钢，彻底改变了传统碳钢衬玻璃钢的制作工艺。
- › 机壳与铁架连接螺栓采用整体成形包覆处理方式，彻底解决了因腐蚀而造成螺栓损坏的现象。
- › 风机采用双层底座，不用拆地脚螺栓，可方便维护风机。

Product features:

- › Applicable for wide range and multiple operation environments, Efficient energy performance to generate profits and cost saving
- › The enclosure, inlet bell and impeller of this series fan are made of pure fiber glass reinforced plastic, which has completely changed the fabricating process for fiber glass reinforced plastic lined with traditional carbon-steel.
- › The bolts linking the enclosure and iron support is treated by complete profiling wrapping method which has completely solved the issue of bolt damage due to corrosion.
- › The fan is featured with dual-level seat for easy maintenance without necessity to remove the anchor bolts.



## 风机机型选用说明 | Explanation for fan model selection

范例:

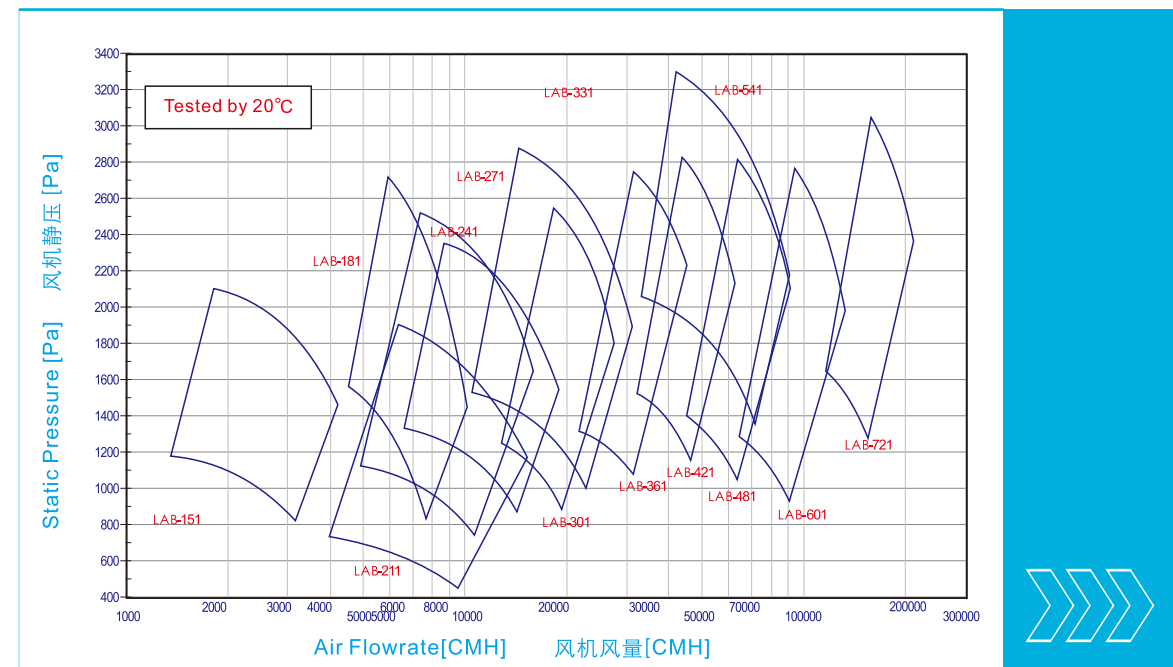
若以需求风量30000CMH, 静压2000Pa为例, 则根据下列性能曲线总表所示选出适用的LAB-361机型。

Example:

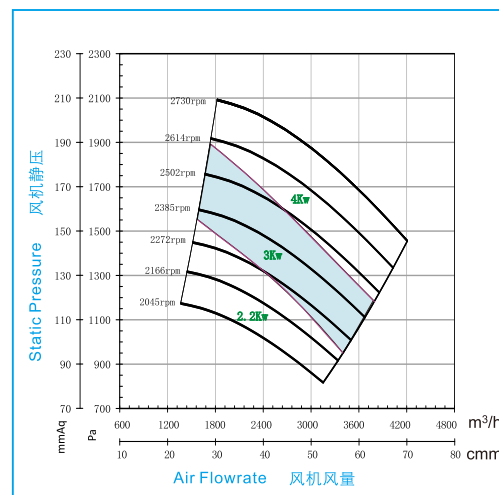
If you require 30000CMH capacity and 2000Pa static pressure, then you can choose out the LAB-361 model which is proper for your application according to the summary table of performance curve below.

注(Note): 1CMM=60CMH 1MMAq=10Pa

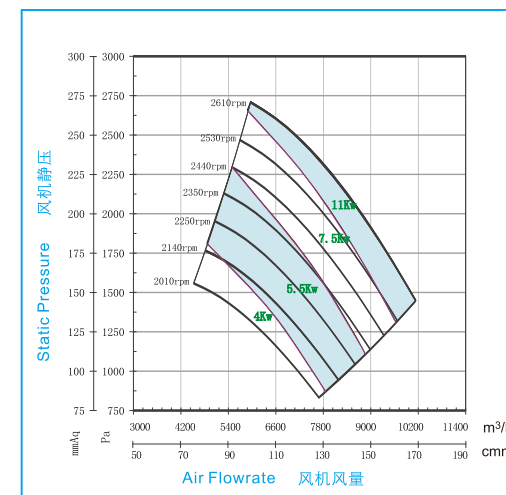
## 性能曲线总表 | Summary table of performance curve



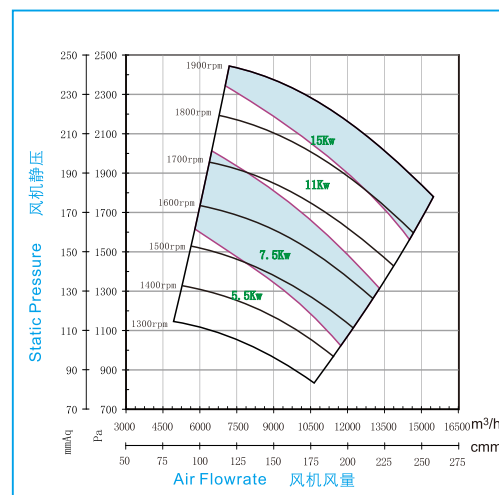
LAB-151



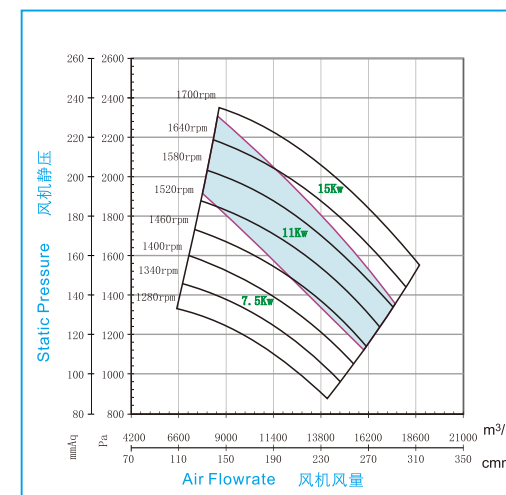
LAB-181



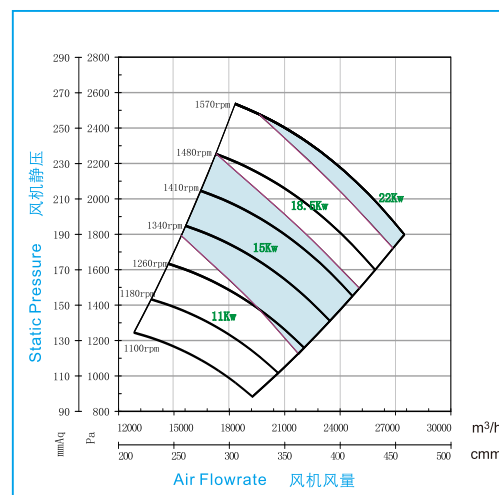
LAB-241



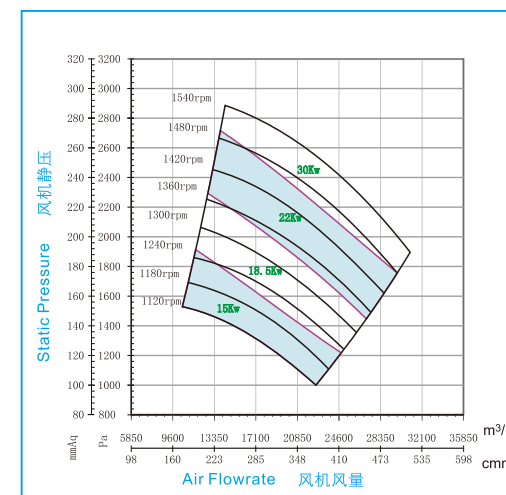
LAB-271



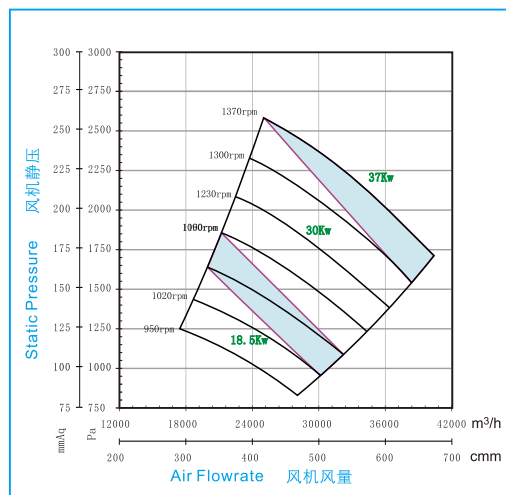
LAB-301



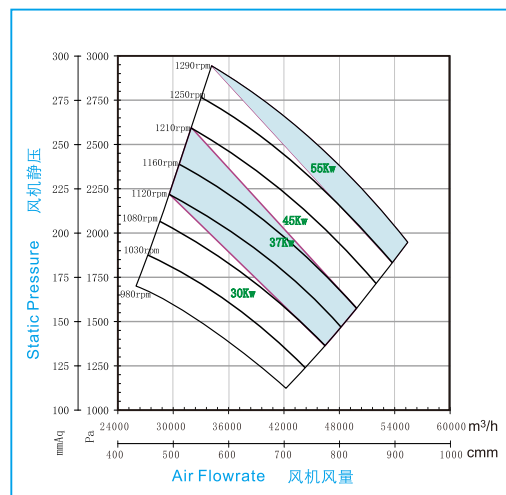
LAB-331



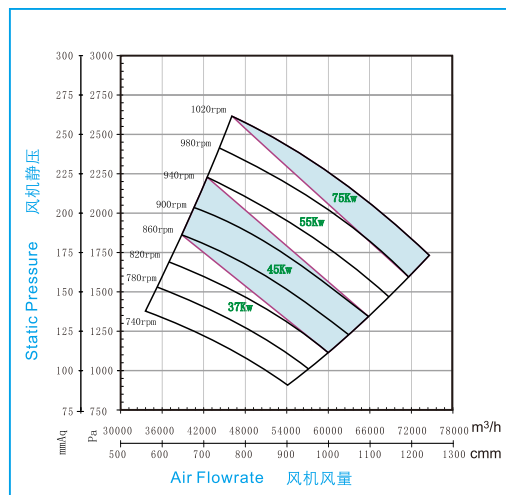
LAB-361



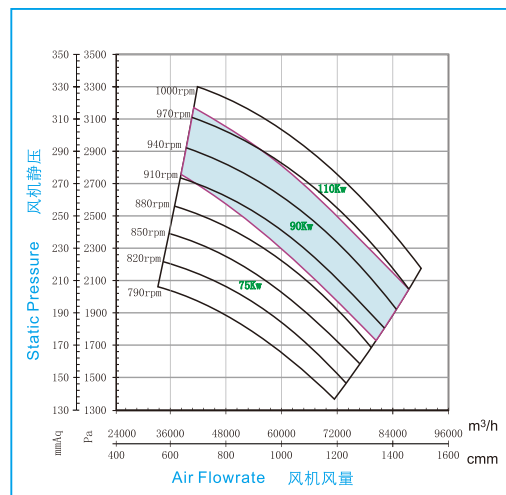
LAB-421



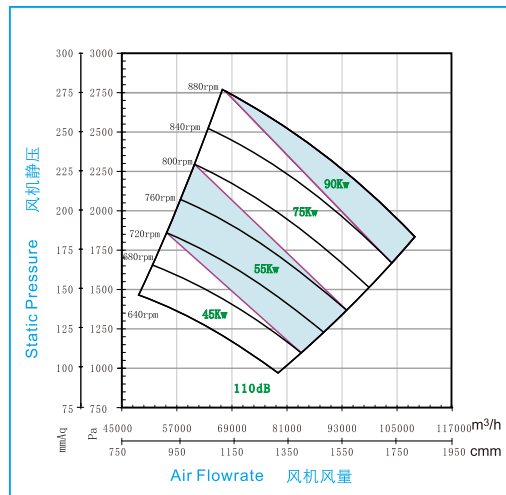
LAB-481



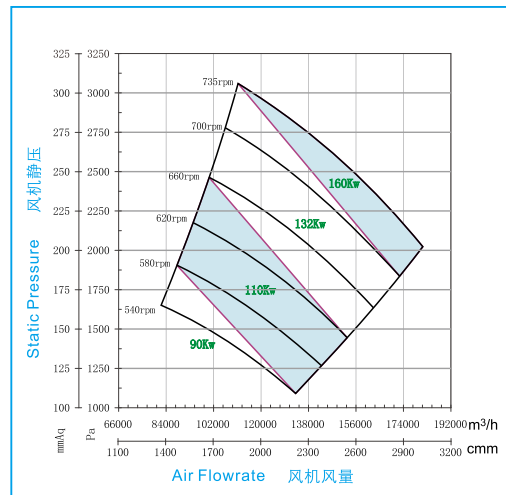
LAB-541



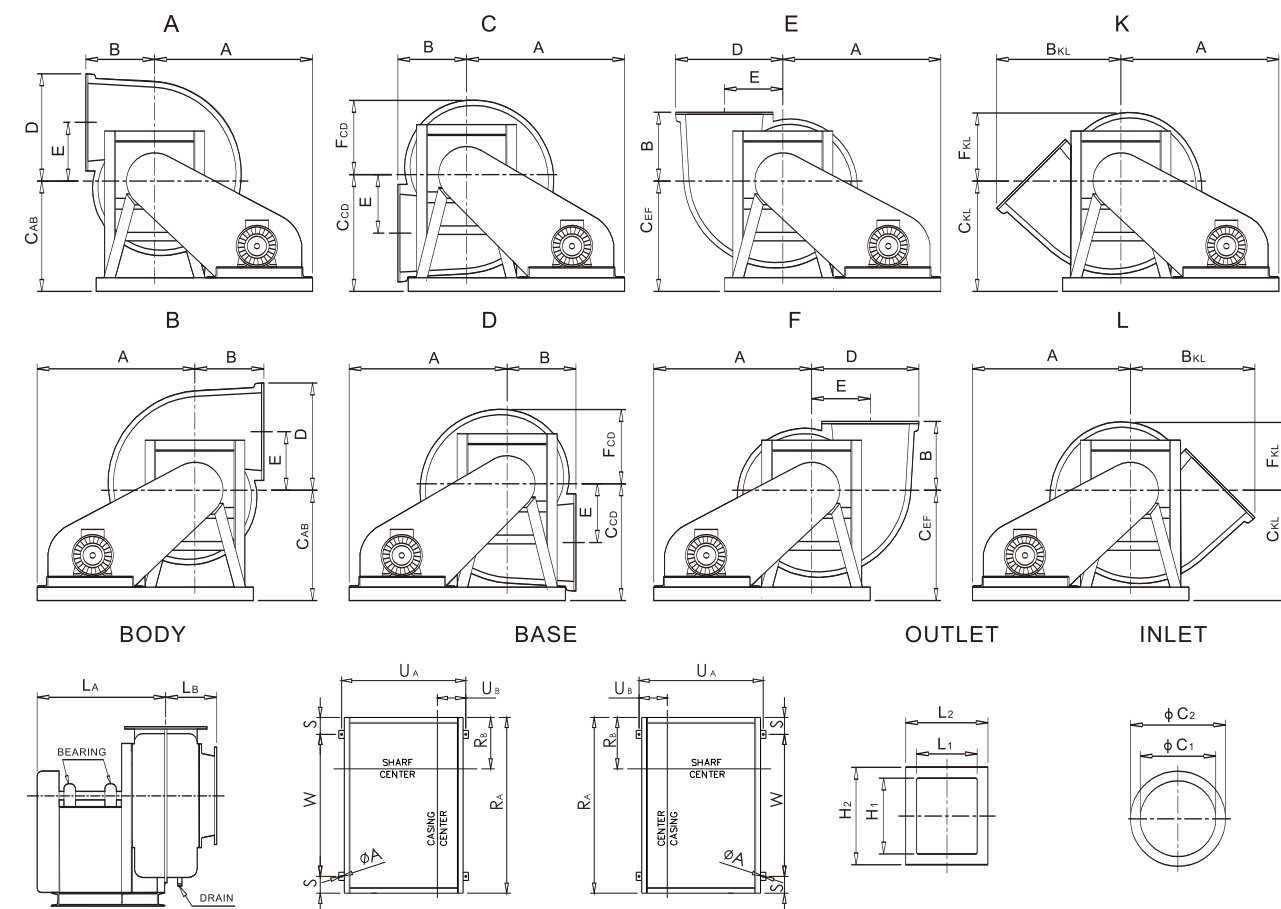
LAB-601



LAB-721

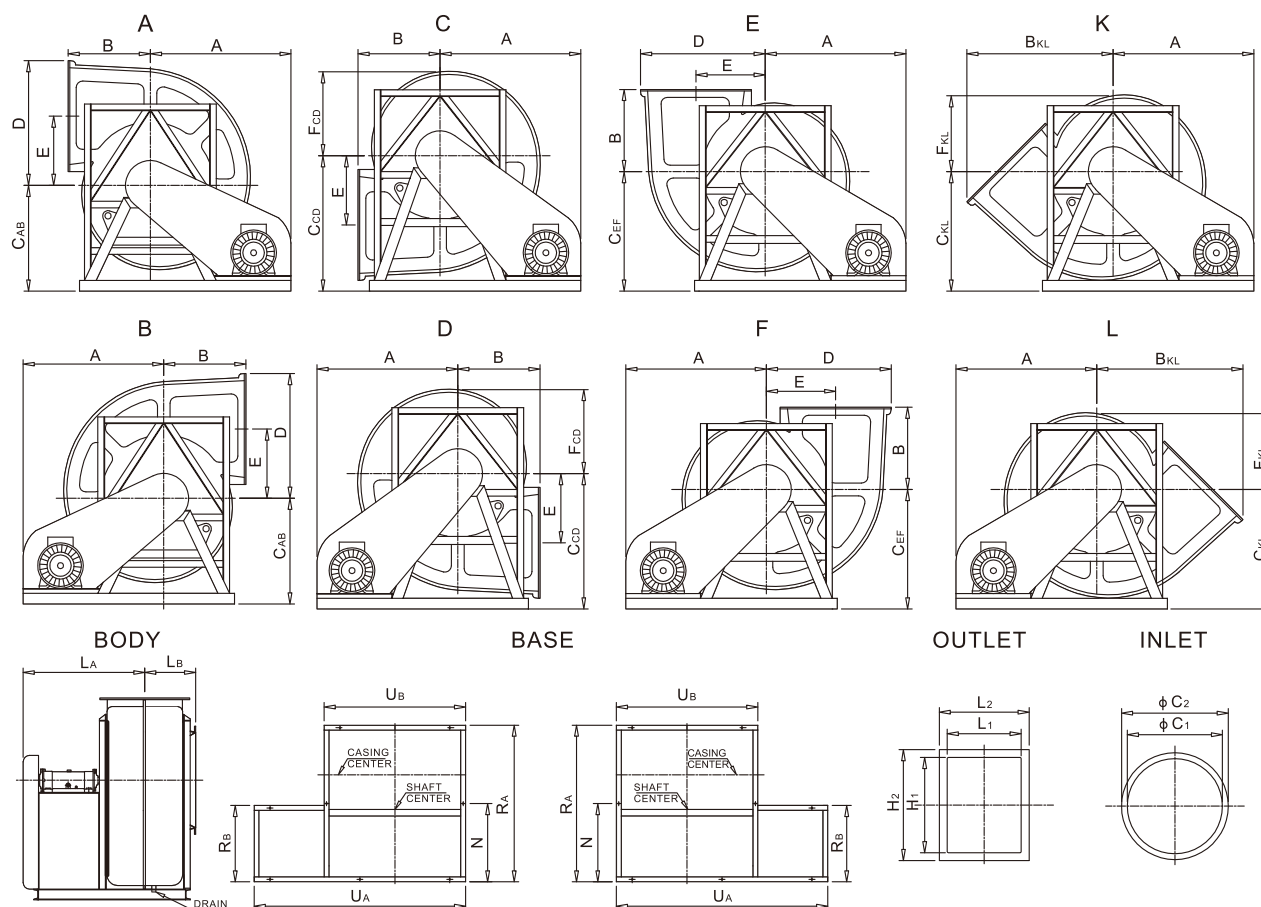


## 风机尺寸图 | Fan Dimension Chart



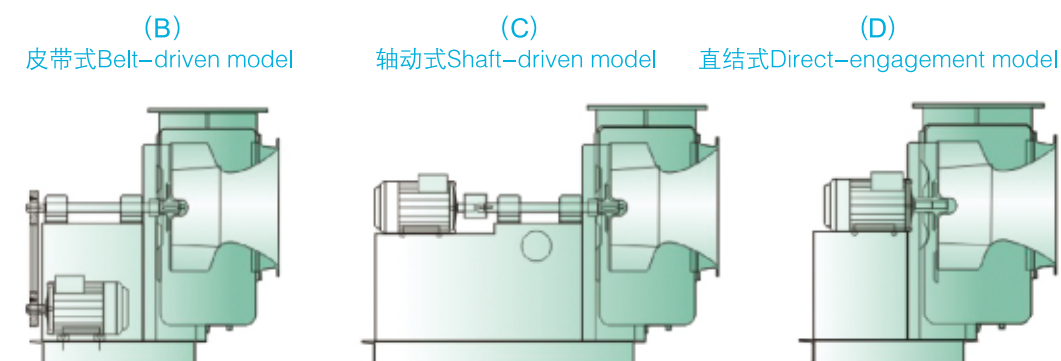
MODEL	BODY											
	A	B	B <sub>KL</sub>	C <sub>AB</sub>	C <sub>CD</sub>	C <sub>EF</sub>	C <sub>KL</sub>	D	E	F <sub>CD</sub>	F <sub>KL</sub>	L <sub>A</sub>
LAB-151	730	318	576	552	570	552	552	496	271	344	317	615
LAB-181	820	387	712	645	700	645	645	620	335	410	372	720
LAB-241	970	490	903	785	885	785	785	787	430	531	482	846
LAB-271	1009	560	997	815	935	815	815	850	460	576	527	885
LAB-301	1120	626	1114	940	1040	940	940	950	480	614	556	981

MODEL	BASE						INLET		OUTLET			
	R <sub>A</sub>	R <sub>B</sub>	U <sub>A</sub>	U <sub>B</sub>	S	W	A	C <sub>1</sub>	C <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>	H <sub>1</sub>
LAB-151	1000	270	546	25	100	800	20	350	440	280	380	350
LAB-181	1150	330	661	20	125	900	20	450	546	350	470	450
LAB-241	1350	380	791	25	125	1100	20	600	690	480	612	600
LAB-271	1470	425	800	20	125	1220	20	665	770	530	630	665
LAB-301	1600	480	881	24	125	1350	20	750	840	550	690	800

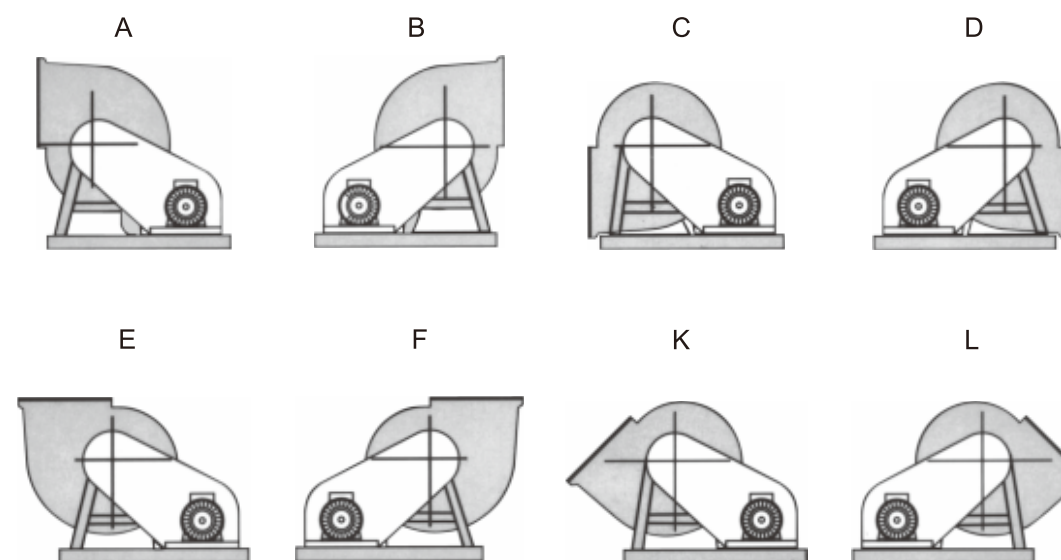


## 技术资料 | Technical Data

顶裕风机传动方式的选择  
Selection of transmission method for Dingyu Fan



标准回转方向与出风口方向  
Standard rotation direction and wind-hole direction



以皮带轮侧方向为准  
Subject to pulley-side direction

MODEL	BODY												
	A	B	B <sub>KL</sub>	C <sub>AB</sub>	C <sub>CD</sub>	C <sub>EF</sub>	C <sub>KL</sub>	D	E	F <sub>CD</sub>	F <sub>KL</sub>	L <sub>A</sub>	L <sub>B</sub>
LAB-331	1180	700	1230	890	1150	990	1050	1040	570	702	637	1010	420
LAB-361	1331	777	1384	1000	1280	1130	1130	1180	655	799	726	1150	481
LAB-421	1595	854	1556	1100	1500	1250	1250	1347	772	893	804	1235	534
LAB-481	1690	1000	1793	1650	1450	1200	1450	1535	860	1035	939	1438	635
LAB-541	1910	1120	1994	1300	1840	1470	1470	1700	950	1167	1051	1610	650
LAB-601	1875	1204	2199	1290	2044	1500	1610	1905	1075	1197	1090	1648	745
LAB-721	2412	1400	2531	1600	2320	1920	2200	2180	1200	1481	1324	1964	1000

MODEL	BASE							INLET			OUTLET			
	R <sub>A</sub>	R <sub>B</sub>	U <sub>A</sub>	U <sub>B</sub>	N	S	W	A	C <sub>1</sub>	C <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>	H <sub>1</sub>	H <sub>2</sub>
LAB-331	1750	570	967	24	—	150	1450	20	810	920	650	740	810	940
LAB-361	1542	782	2000	1338	430	150	850	20	900	1020	710	850	900	1050
LAB-421	1680	820	2350	1510	480	150	1025	20	1000	1120	800	950	1000	1150
LAB-481	1935	860	2550	1720	573	150	1125	20	1200	1340	951	1100	1200	1350
LAB-541	2105	970	2900	1980	595	150	1300	20	1340	1500	1070	1150	1340	1500
LAB-601	2225	978	2860	1980	648	150	1280	20	1430	1650	1150	1300	1430	1650
LAB-721	3250	1200	3500	2400	824	150	1400	20	1800	1950	1440	1590	1800	1950