Fairway (Hangzhou) Environment Tech. Co., LTD certifies that the TF –FRP fan serie shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

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 to210000m³/h Operating temperature up to 80°C

专业防腐风机

FRP风机系列

Specialized Anti-corrosion Fan

FRP Fan Series

杭州斐伟环境科技有限公司

Fairway (Hangzhou) Environment Tech. Co., Ltd

FRP风机 | FRP Fan

斐伟 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！

Fairway 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：

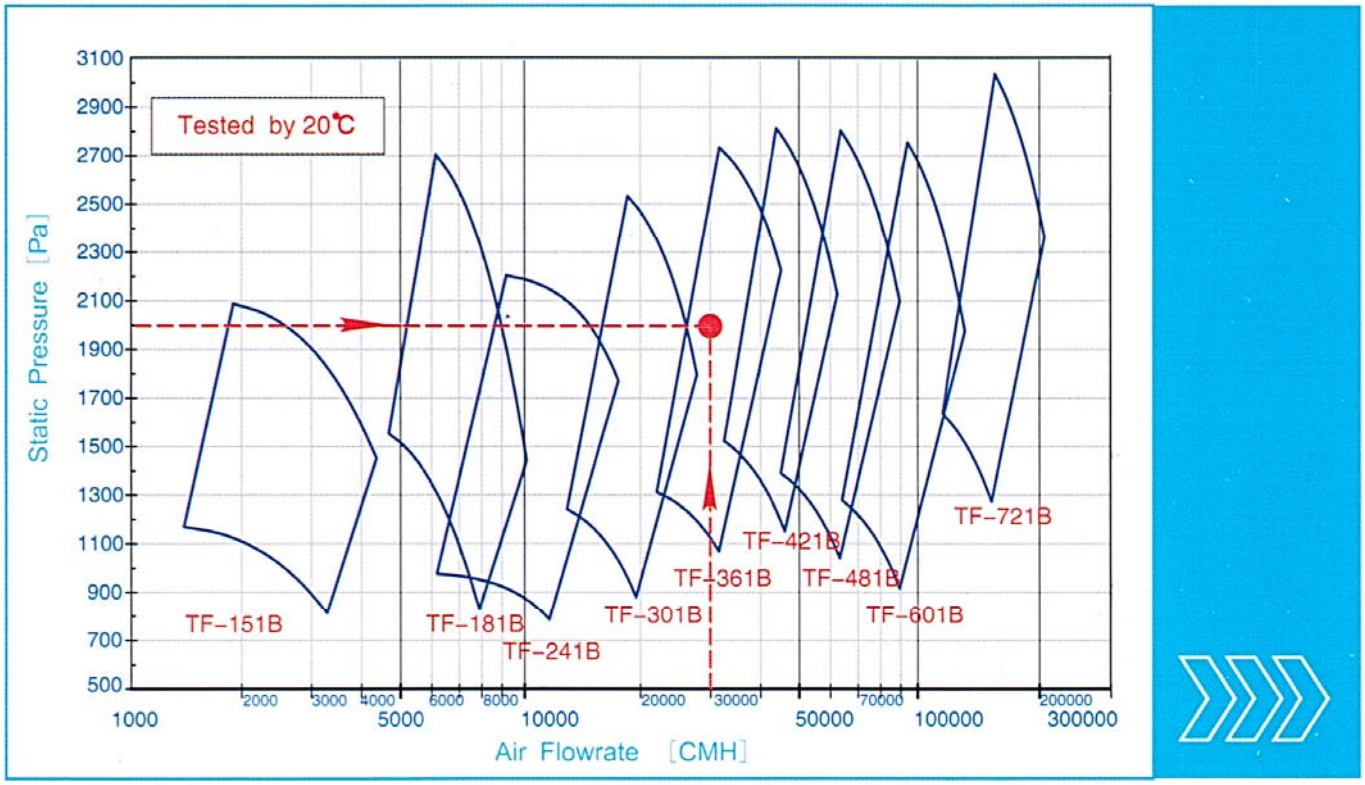
若以需求风量30000CMH，静压2000Pa为例，则根据下列性能曲线总表所示选出适用的TF-361B机型。

Example:

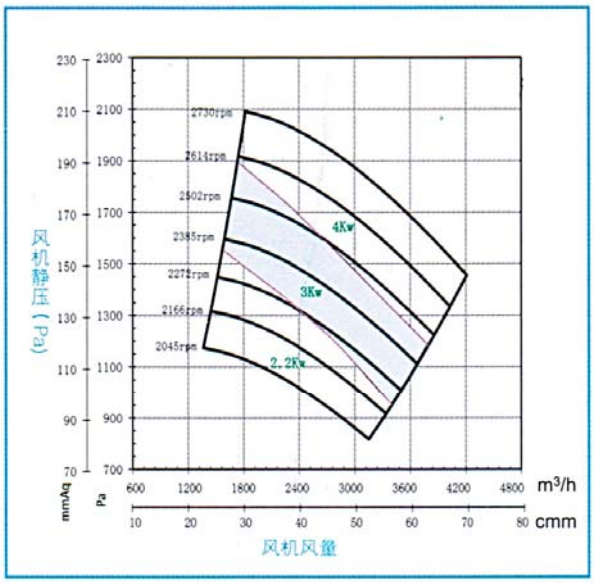
If you require 30000CMH capacity and 2000Pa static pressure, then you can choose out the TF-361B model which is proper for your application according to the summary table of performance curve below.

注(Note)：1CMM=60CMH 1MMAq=10Pa

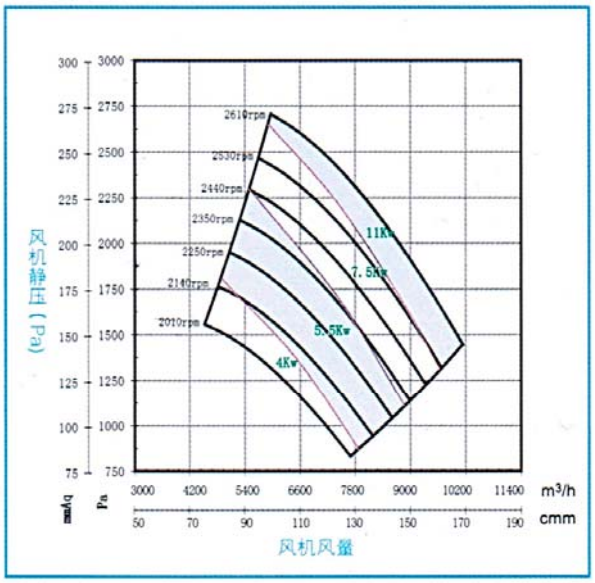
性能曲线总表
Summary table of performance curve



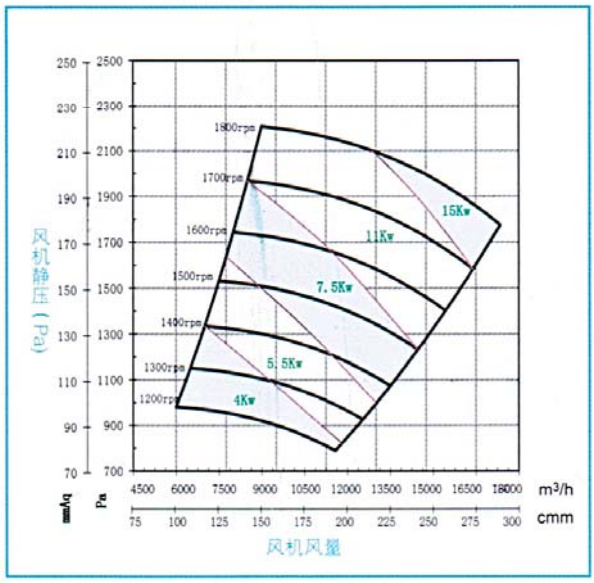
TF-151B



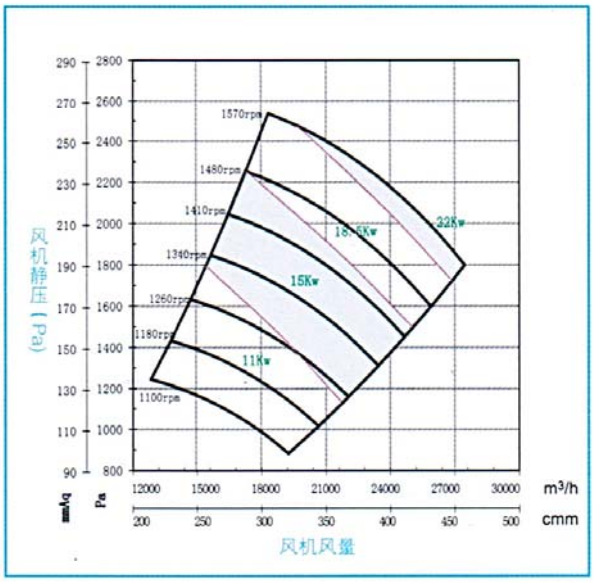
TF-181B



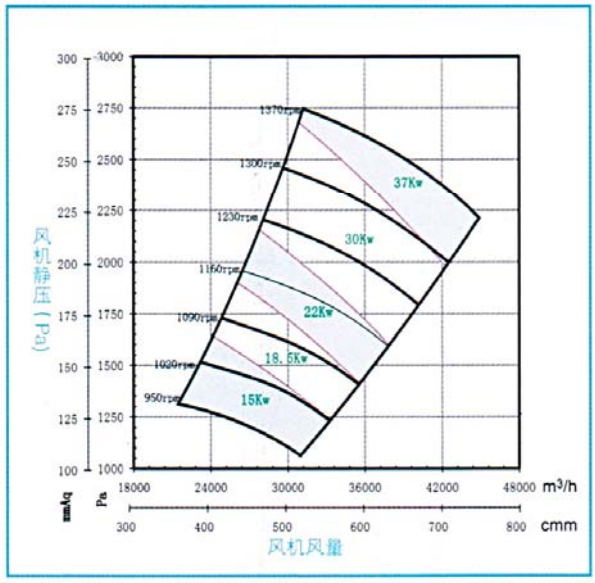
TF-241B



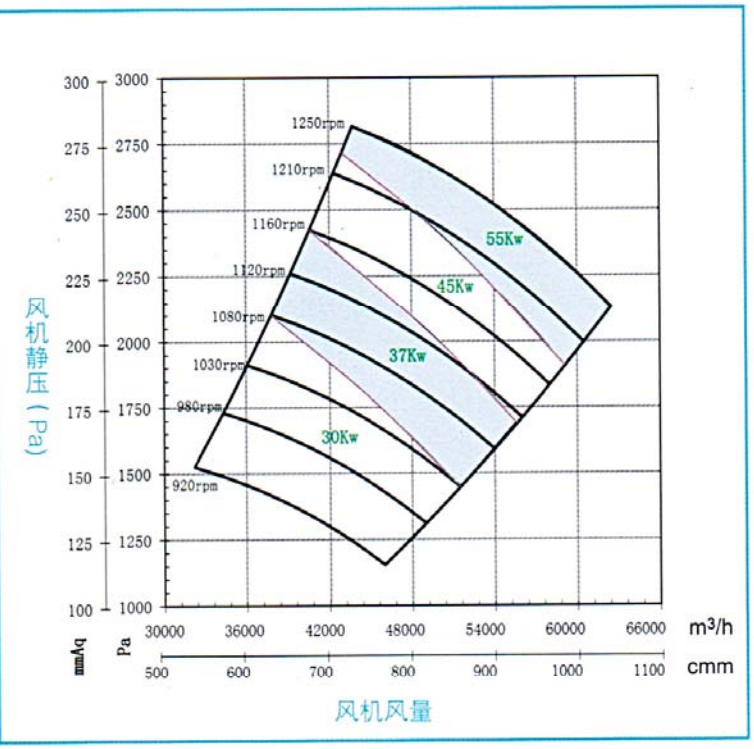
TF-301B



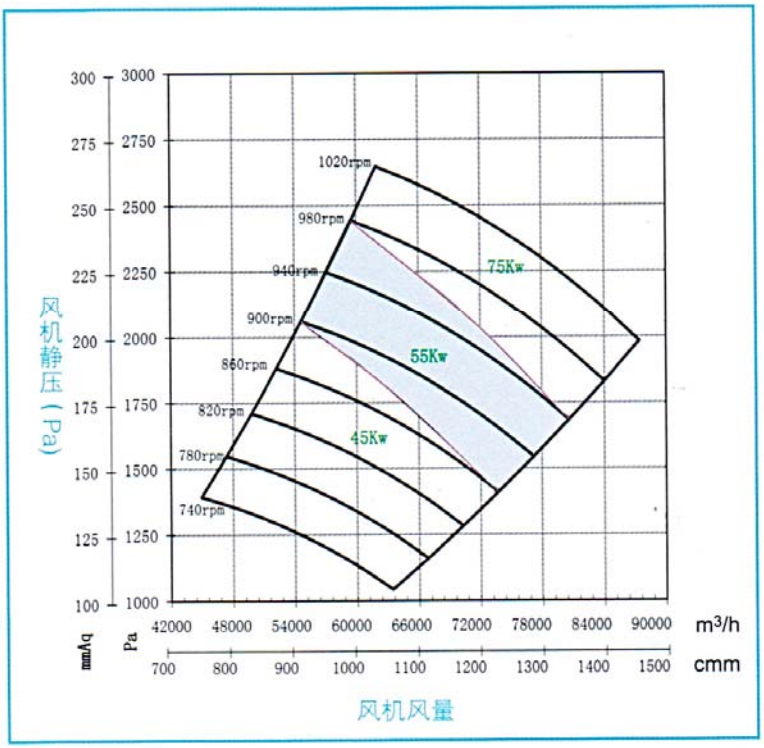
TF-361B



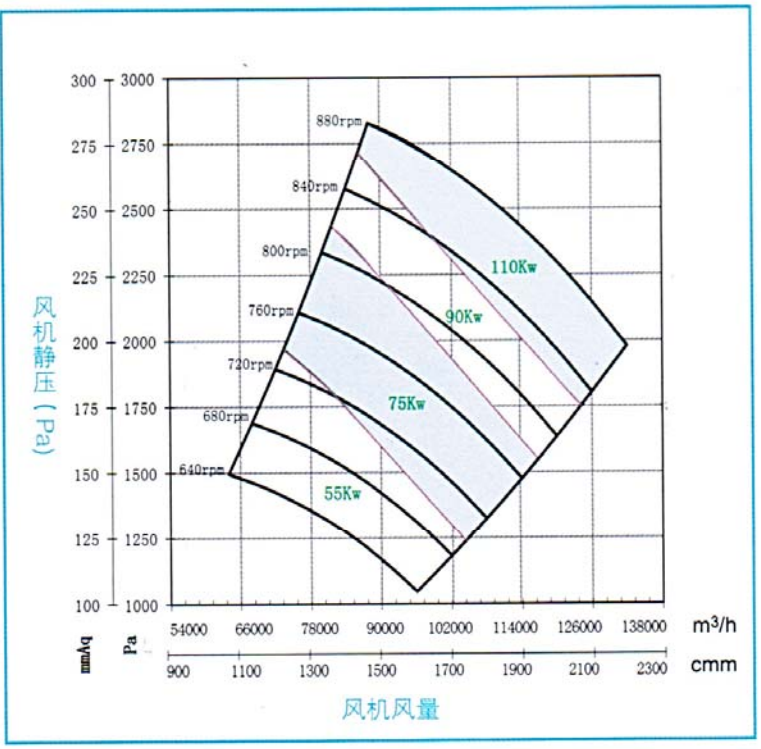
TF-421B



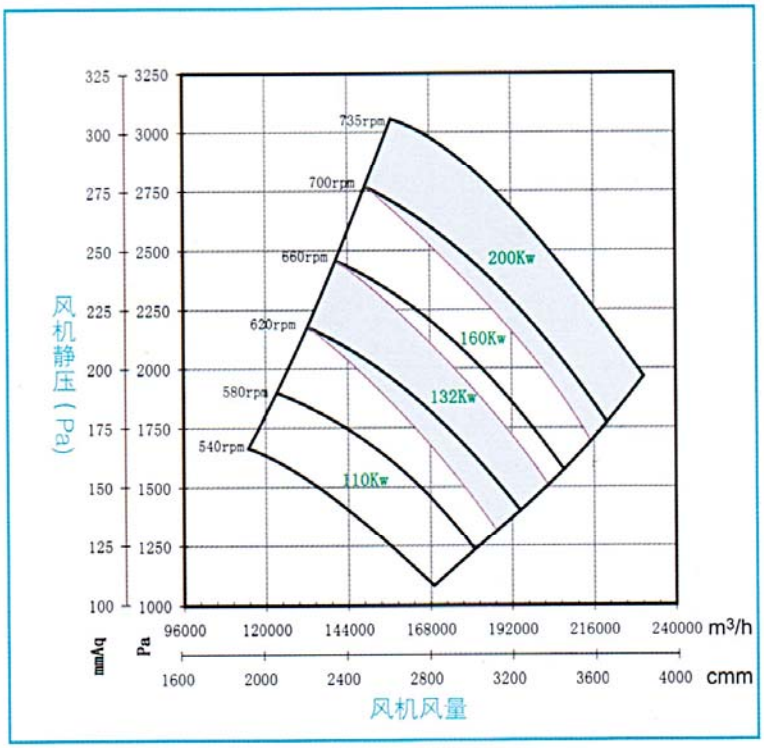
TF-481B



TF-601B

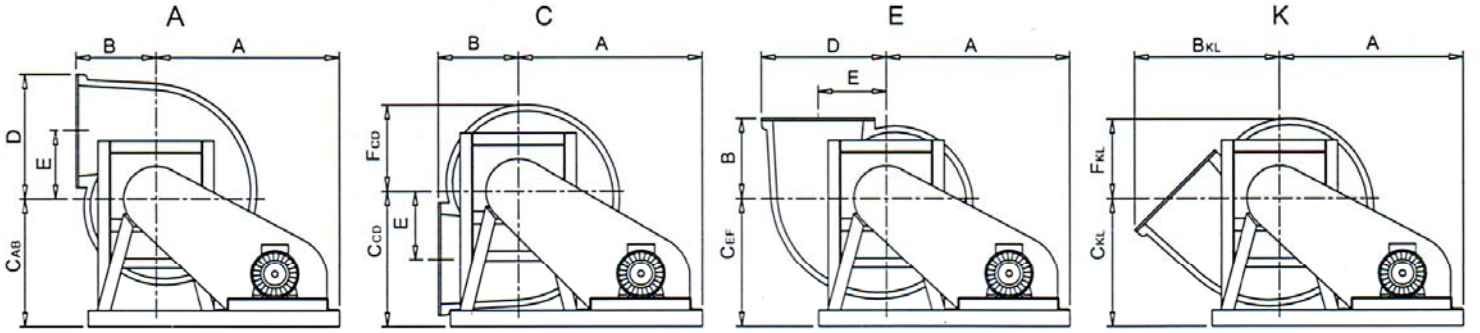


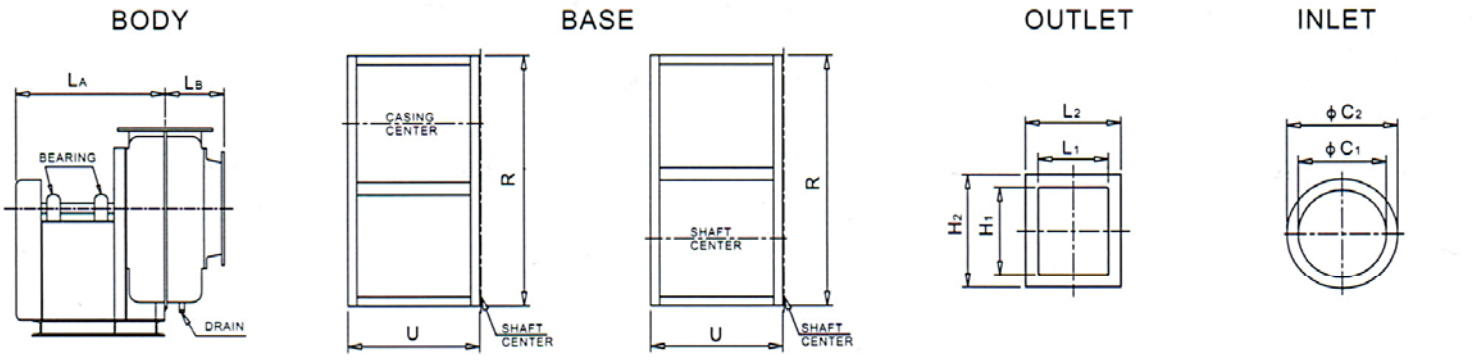
TF-721B



- Performance certified is for installation type D - Ducted inlet, Ducted outlet.
- Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories).

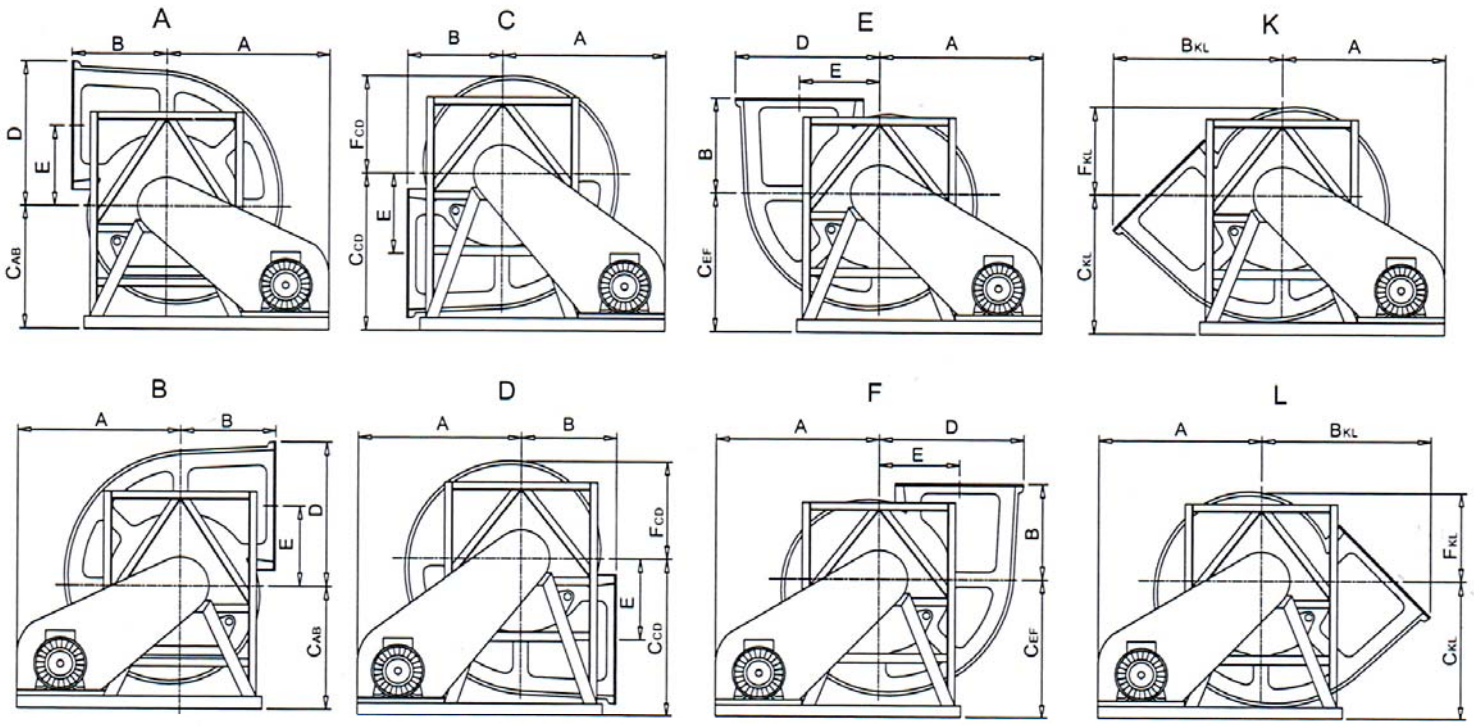
风机尺寸图 | Fan Dimension Chart

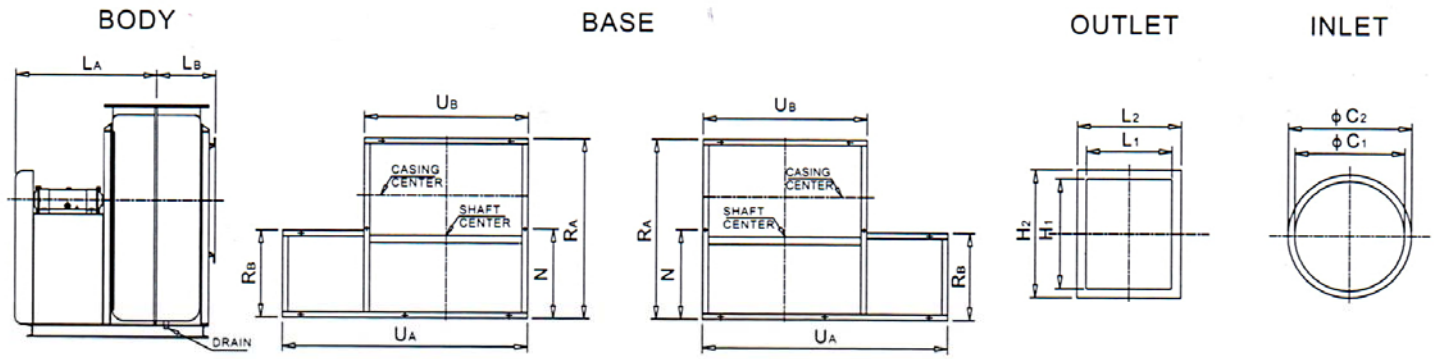




MODEL	BODY												
	A	B	B_{KL}	C_{AB}	C_{CD}	C_{EF}	C_{KL}	D	E	F_{CD}	F_{KL}	L_A	L_B
TF-151B	730	318	576	540	550	540	540	476	271	344	317	595	235
TF-181B	820	387	712	645	700	645	645	620	335	409	372	720	290
TF-241B	970	500	912	785	885	785	785	790	430	531	482	846	351
TF-301B	1120	625	1114	940	1040	940	940	950	480	615	555	981	400

MODEL	BASE		OUTLET				INLET	
	R	U	H_1		L_1	H_2		L_2	ϕC_1	ϕC_2
TF-151B	1000	530	350	*	280	450	*	380	350	440
TF-181B	1150	660	450	*	350	570	*	470	450	550
TF-241B	1350	790	600	*	480	720	*	600	600	690
TF-301B	1600	880	800	*	550	940	*	690	750	840





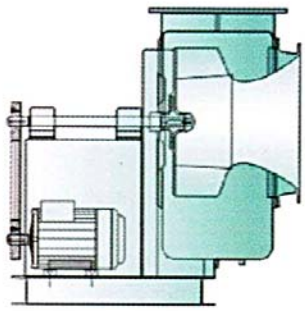
MODEL	BODY												
	A	B	B_{KL}	C_{AB}	C_{CD}	C_{EF}	C_{LK}	D	E	F_{CD}	F_{KL}	L_A	L_B
TF-361B	1435	777	1384	1000	1300	1150	1150	1180	665	800	726	1140	481
TF-421B	1580	854	1556	1100	1500	1300	1300	1347	772	887	804	1255	534
TF-481B	1715	1000	1793	1200	1650	1400	1400	1535	860	1035	940	1402	634
TF-601B	2010	1196	2166	1400	2050	1700	1700	1867	1042	1245	1130	1661	749
TF-721B	2400	1400	2600	1800	2400	2100	2200	2085	1290	1650	1600	2400	850

MODEL	BASE					OUTLET		INLET	
	R_A	R_B	U_A	U_B	N	H_1 * L_1	H_2 * L_2	ϕC_1	ϕC_2
TF-361B	1500	730	2000	1150	750	900 * 710	1050 * 850	900	1020
TF-421B	1645	760	2350	1540	822	1000 * 800	1150 * 950	1000	1120
TF-481B	1900	800	2600	1770	950	1200 * 951	1350 * 1100	1200	1350
TF-601B	2200	900	3000	1980	1100	1430 * 1150	1650 * 1300	1430	1650
TF-721B	2900	1200	3500	2400	1450	1800 * 1440	1950 * 1590	1800	1950

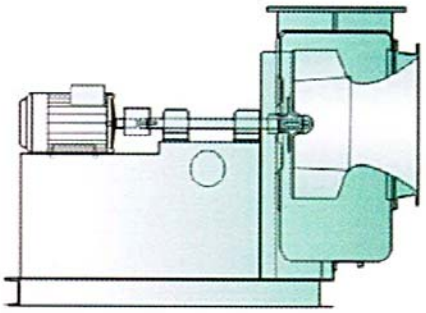
技术资料 | Technical Data

风机传动方式的选择
Selection of transmission method

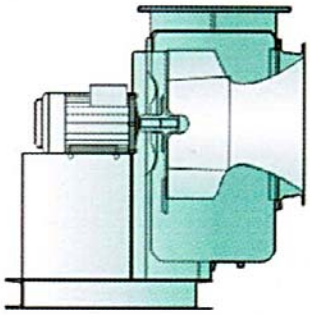
(C)
皮带式Belt-driven model



(D)
轴动式Shaft-driven model

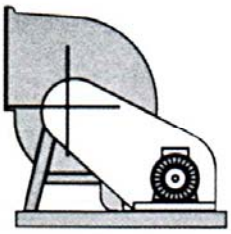


(A)
直结式Direct-engagement model

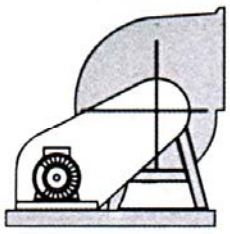


标准回转方向与出风口方向
Standard rotation direction and wind-hole direction

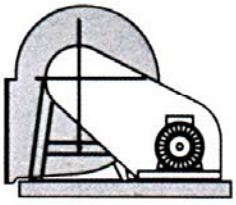
A



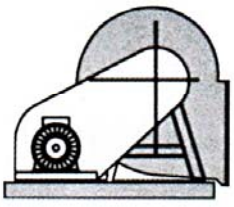
B



C



D



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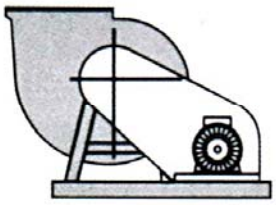
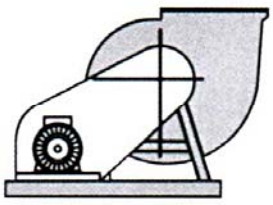
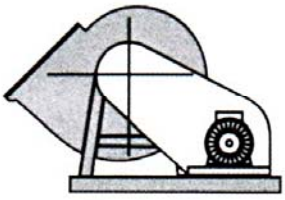


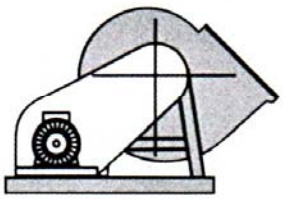
F



K



L



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