

顶裕专业风机
FRP高压系列
Dingyu Specialized Fan
FRP high-pressure Series



BULLTIN:WF009
Nov,2020



最大风压可到7000Pa 最大风量可到100000m³/h 最高操作温度可到80°C
Wind pressures up to 7000Pa Wind Volume up to 100000m³/h Operating temperature up to 80°C



winfan

苏州顶裕节能设备有限公司

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苏州顶裕节能设备有限公司

SUZHOU DINGYU ENERGY-EFFICIENT EQUIPMENT CO.,LTD

资质证书 | Qualification Certificate



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



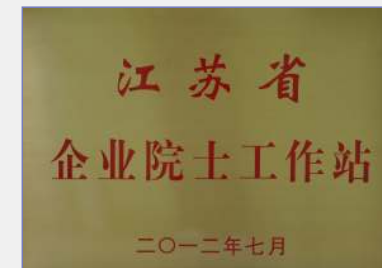
节能证书（金属离心风机）
Energy Conservation Product
Certification
(Metallic Centrifugal Fan)



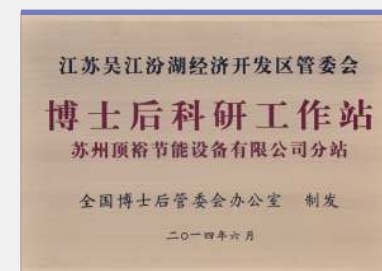
顶裕ISO中文证书
ISO certificate in Chinese



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



院士工作站
Enterprise Academician Workstation



博士后工作站
Postdoctoral Workstation



防爆玻璃钢风机证书
Explosion-Proof Certificate of FRP Fan



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



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

FRP high-pressure 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





FRP高压风机 | FRP high-pressure 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，最前瞻的设计技术，最人性化的保养维护与贴心的售后服务，最新推出高压系列风机，以高效率，低能耗，低噪音，低震动，领先于同类产品 是您在风机方面是最佳选择！

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 high-pressure series fan featured with high efficiency, low energy consumption, low noise and low vibration, which is your best choice.

风机用途与特点 | Applications and features

可广泛用于：

化工医药，玻纤制造，稀土提炼，污水除臭，造纸厌氧，酸回收利用等含有高压腐蚀性气体的环境。

It can be widely used for:

Environments containing high-pressure corrosive gas such as for fiber glass processing, rare-earth refinement, chemical and medicine production, sewage deodorization, anaerobic paper manufacturing, acid recycling etc.

产品特点：

- › 最大压力可达7000Pa，使用范围广泛，适用多种工况；高效节能（省电），为您创造利润，节省成本。
- › 本系列玻璃钢高压风机机壳、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:

- › Max. pressure up to 7000Pa, with wide application for multiple kinds of operation status; Efficient energy performance to generate profits and cost saving.
- › The enclosure, inlet bell and impeller of this series high-pressure 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25000CMH，静压4000Pa为例，则根据下列性能曲线总表所表示，选出适用的HF-421B机型

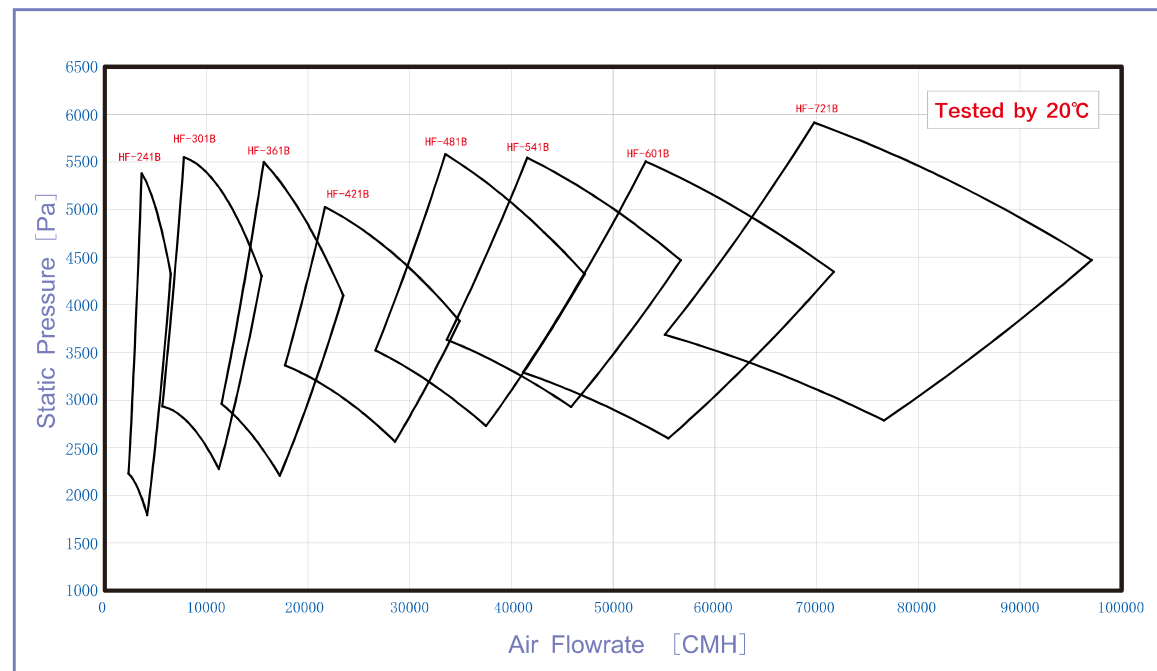
Example:

If you require 25000CMH capacity and 4000Pa static pressure, then you can choose out the HF-421B model which is proper for your application according to the summary table of performance curve below.

注(Note): 1CMM=60CMH 1MMAq=10Pa

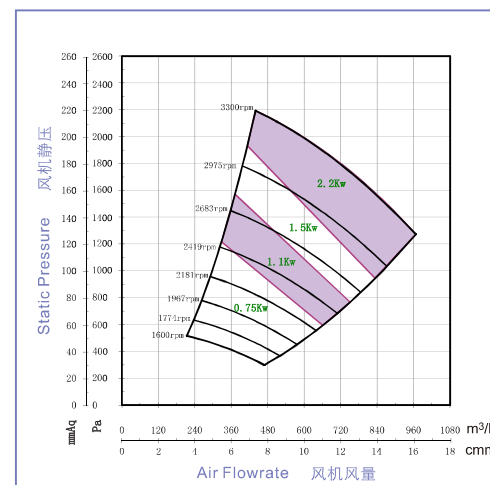
性能曲线总表

Summary table of performance curve

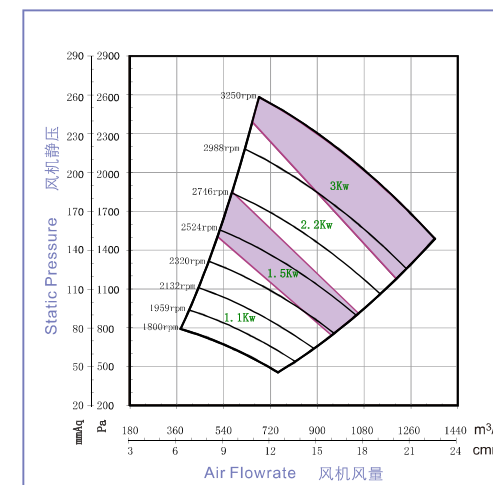


- Performance certified is for installation type D - Ducted inlet, Ducted outlet.
- Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories).

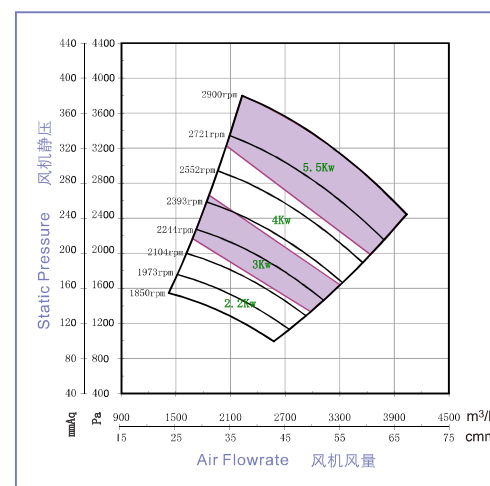
HF-121B



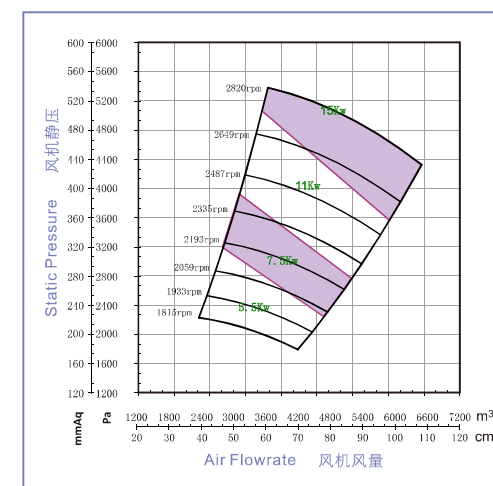
HF-151B



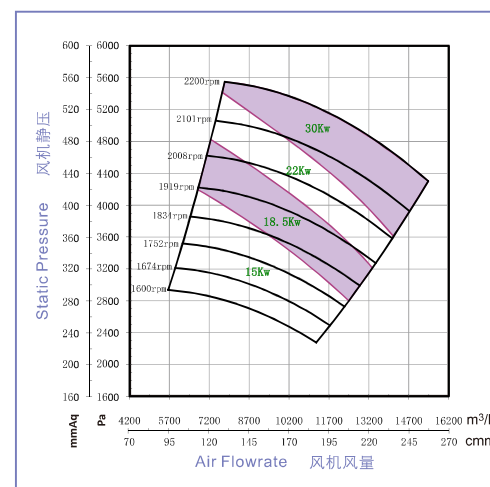
HF-181B



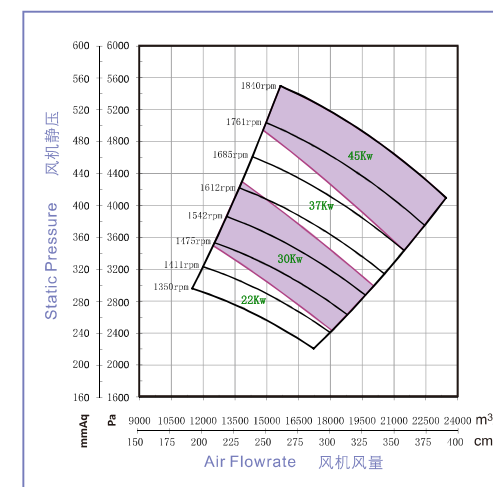
HF-241B



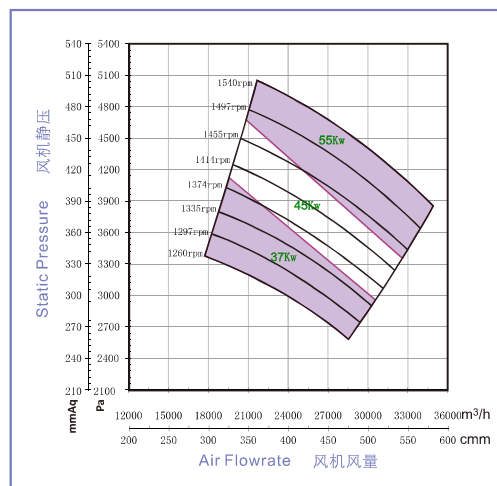
HF-301B



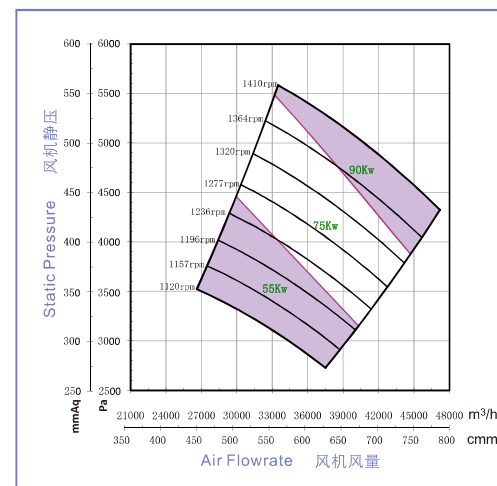
HF-361B



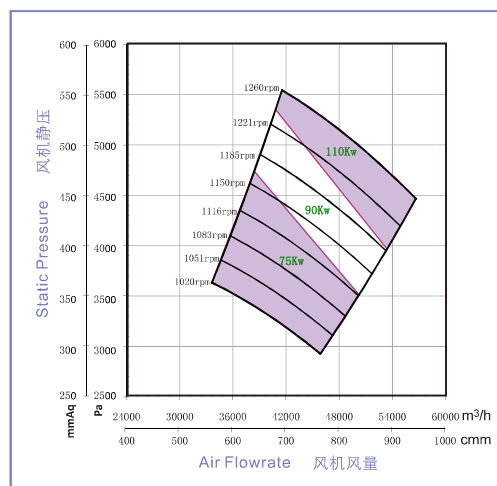
HF-421B



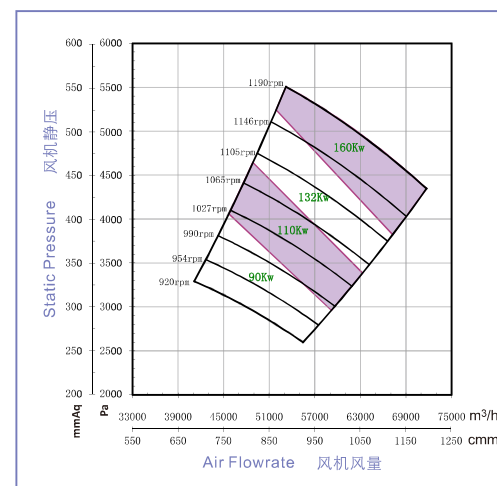
HF-481B



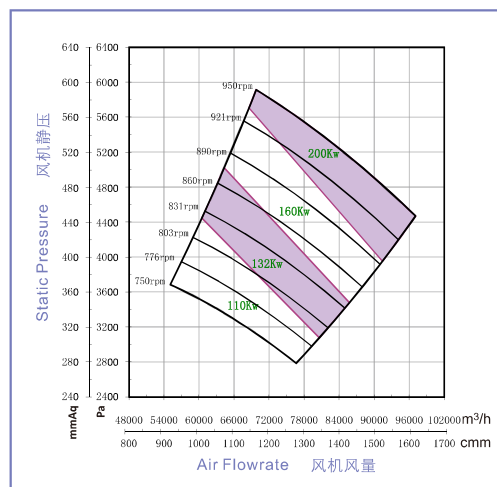
HF-541B



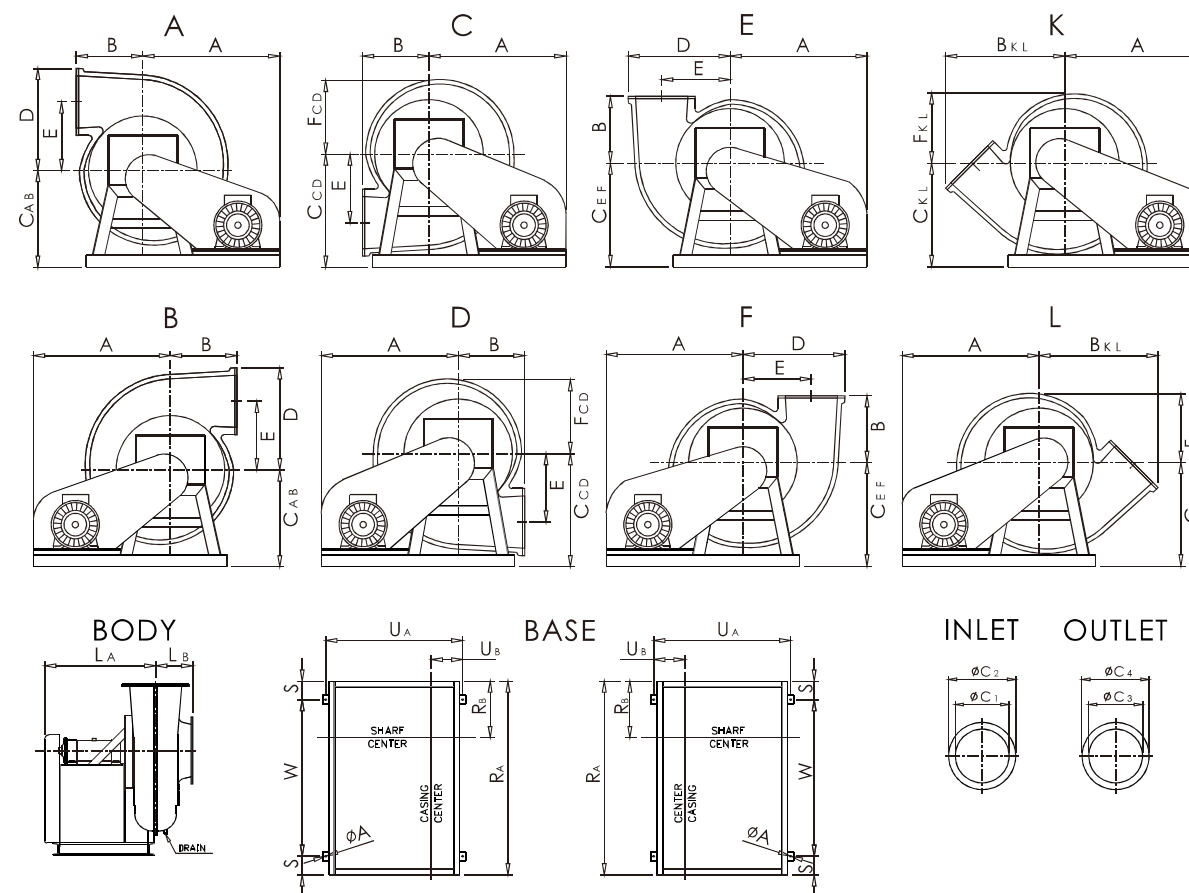
HF-601B



HF-721B



风机尺寸图 | Fan Dimension Chart



MODEL	B O D Y												
	A	B	B _{KL}	C _{AB}	C _{CD}	C _{EF}	C _{KL}	D	E	F _{CD}	F _{KL}	L _A	L _B
HF-121B	519	260	421	400	400	400	400	335	210	260	249	520	120
HF-151B	581	300	459	417	417	417	417	350	200	290	280	545	150
HF-181B	810	380	622	575	575	575	575	500	325	425	398	645	180
HF-241B	920	447	801	650	760	700	700	685	460	512	478	750	214
HF-301B	1120	600	1058	800	980	900	900	896	586	633	584	918	330

MODEL	BASE							INLET		OUTLET	
	R _A	R _B	U _A	U _B	S	W	A	C ₁	C ₂	C ₃	C ₄
HF-121B	750	231	535	27	100	550	20	155	245	150	245
HF-151B	840	260	545	19	100	640	20	205	295	195	295
HF-181B	1140	330	648	22	125	890	20	255	345	250	345
HF-241B	1300	380	940	220	125	1050	20	350	445	340	445
HF-301B	1600	480	1138	289	125	1350	20	500	615	505	610

技术资料 | Technical Data

顶裕玻璃钢风机传动方式的选择

Selection of transmission method for Dingyu Fan

(B)

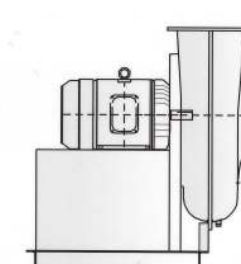
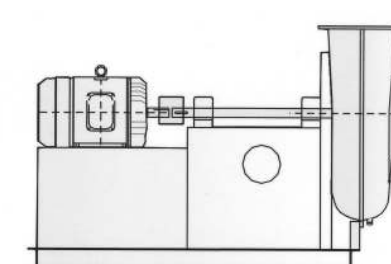
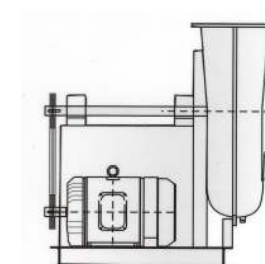
皮带式Belt-driven model

(C)

轴动式Shaft-driven model

(D)

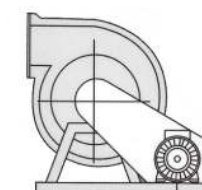
直结式Direct-engagement model



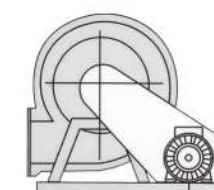
标准回转方向与出风口方向

Standard rotation direction and wind-hole direction

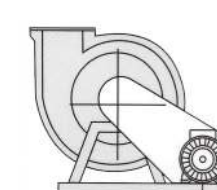
A



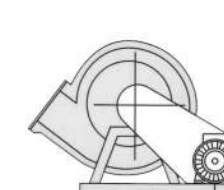
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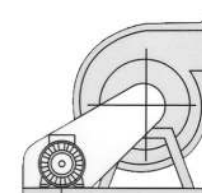
E



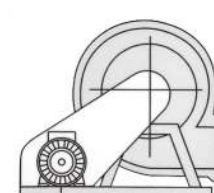
K



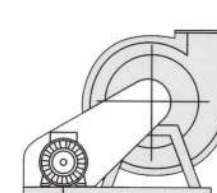
B



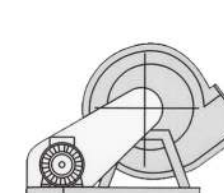
D



F



L

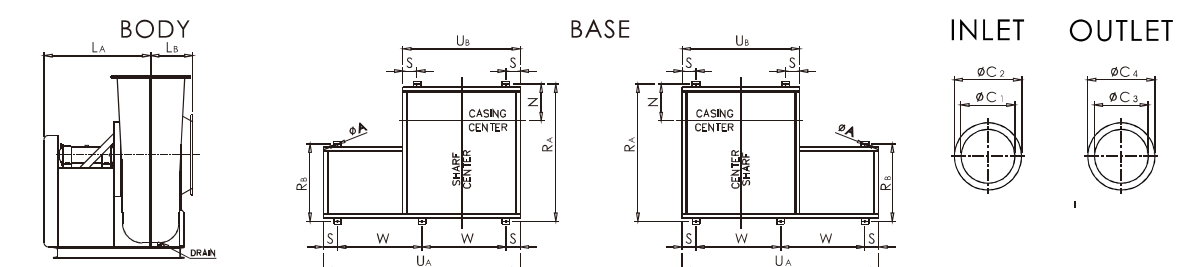
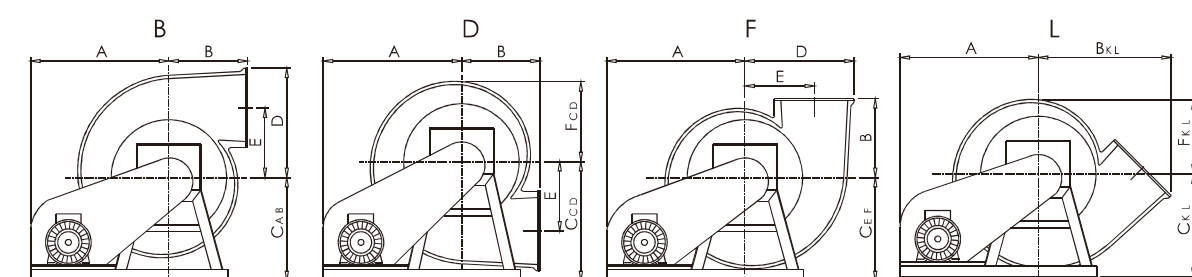
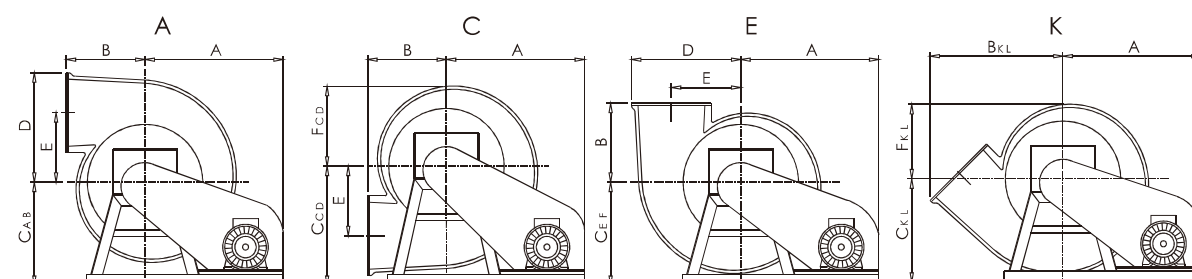


以马达侧方向为准

Subject to motor-side direction

另可根据客户要求特殊设计

Special design is possible for customer requirements



MODEL	BODY											
	A	B	BKL	CAB	CCD	CEF	CKL	D	E	FCD	FKL	LA
HF-361B	1281	680	1252	1000	1200	1100	1100	1090	730	764	700	1069
HF-421B	1473	840	1418	1100	1270	1100	1100	1165	740	854	795	1140
HF-481B	1730	960	1616	1255	1455	1255	1255	1325	850	986	920	1305
HF-541B	1935	1050	1810	1240	1620	1440	1440	1510	955	1101	1022	1470
HF-601B	2062	1120	1927	1320	1720	1450	1450	1605	1000	1182	1103	1592
HF-721B	2150	1250	2254	1570	2120	1800	1920	1938	1250	1400	1287	1626

MODEL	BASE							INLET		OUTLET		
	RA	RB	UA	UB	S	W	A	C1	C2	C3	C4	
HF-361B	1334	782	1850	1138	150	775	20	600	710	590	710	
HF-421B	1430	820	2100	1254	150	900	20	705	835	700	840	
HF-481B	1620	960	2550	1640	150	1125	20	805	945	795	945	
HF-541B	1865	970	2800	1730	150	1250	20	900	1070	915	1100	
HF-601B	1913	986	3000	1876	150	1350	20	1005	1205	1015	1205	
HF-721B	3200	1050	2125	654	130	2940	20	1200	1375	1200	1375	