



Suzhou Dingyu Energy-Efficient Equipment Co. Ltd certifies that the HF -FRP fan series 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.



BULLTIN:WF009
December 2018

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

顶裕专业风机 FRP高压系列

Dingyu Specialized Fan
FRP high-pressure series



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.



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

资质证书 | Qualification Certificate



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



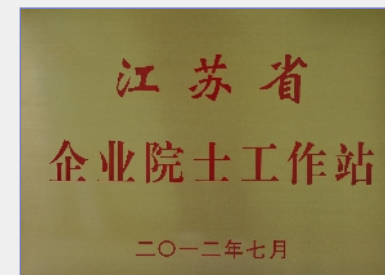
顶裕节能风机工程技术研究中心
Energy Conservation Fan Engineering
Research Center



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



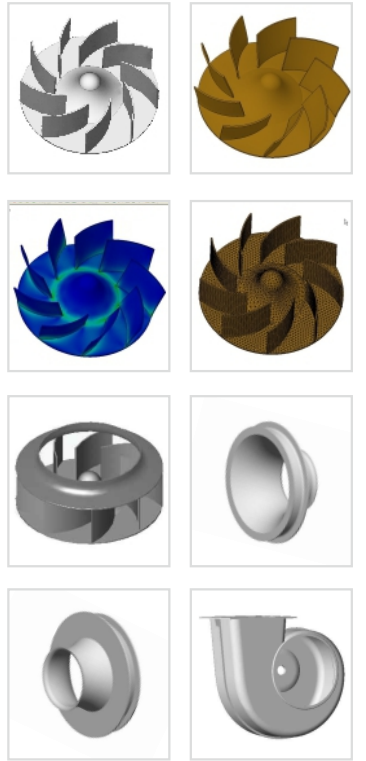
顶裕ISO中文证书
ISO certificate in Chinese



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



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：
玻纤制程，稀土提炼，化工医药，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-421 机型

Example:

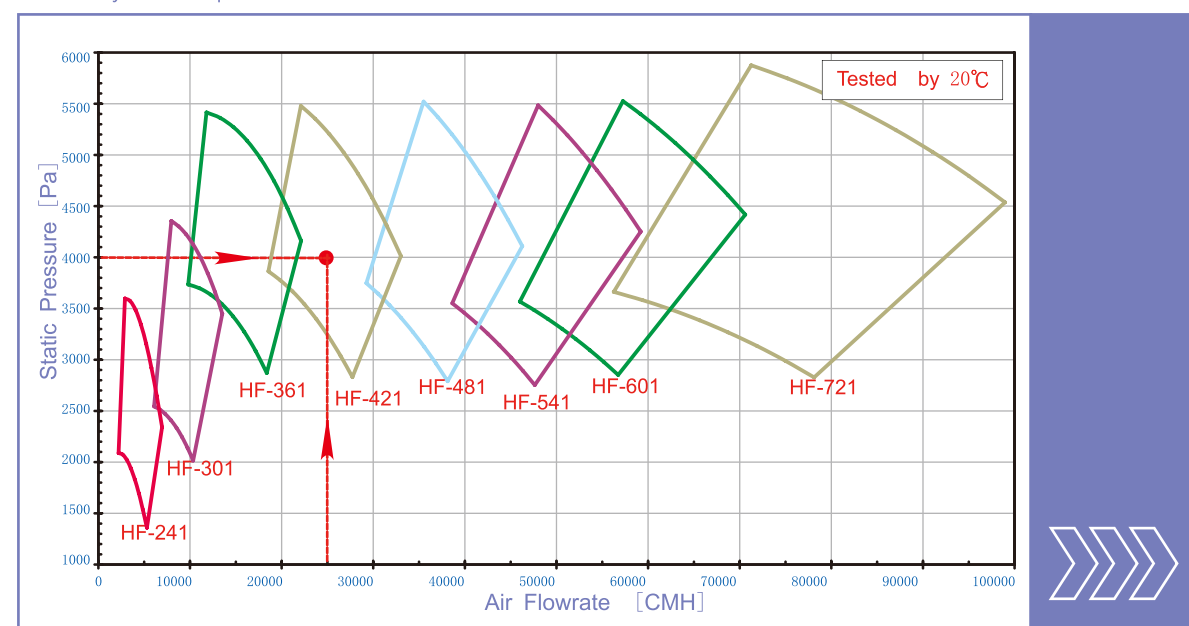
If you require 25000CMH capacity and 4000Pa static pressure, then you can choose out the HF-421 model which

is proper for your application according to the summary table of performance curve below.

注(Note): 1CMM=60CMH 1MMAq=10Pa

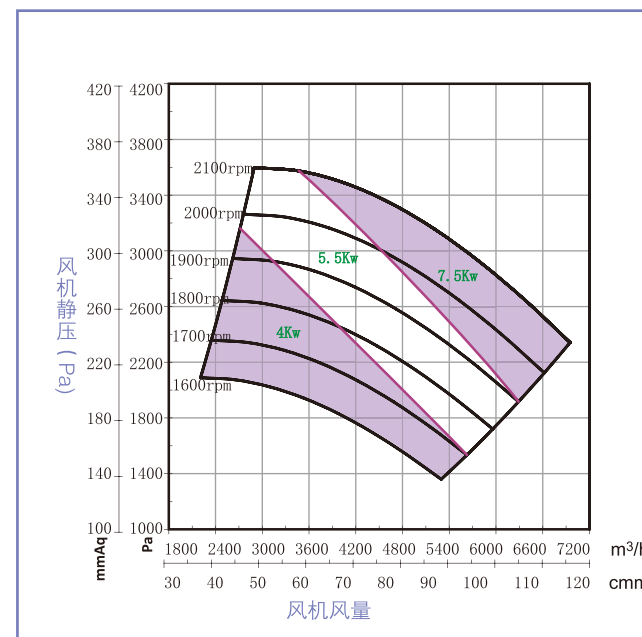
性能曲线总表

Summary table of performance curve

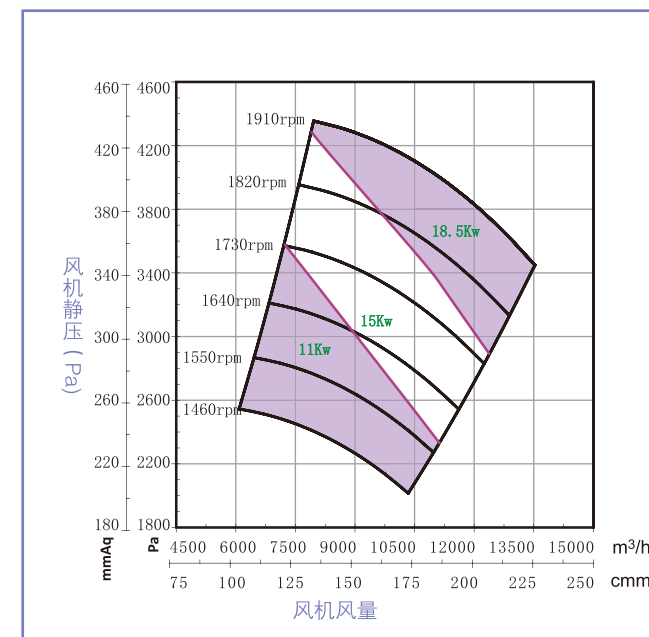


- Performance certified is for installation type D - Ducted inlet, Ducted outlet.
- Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories).

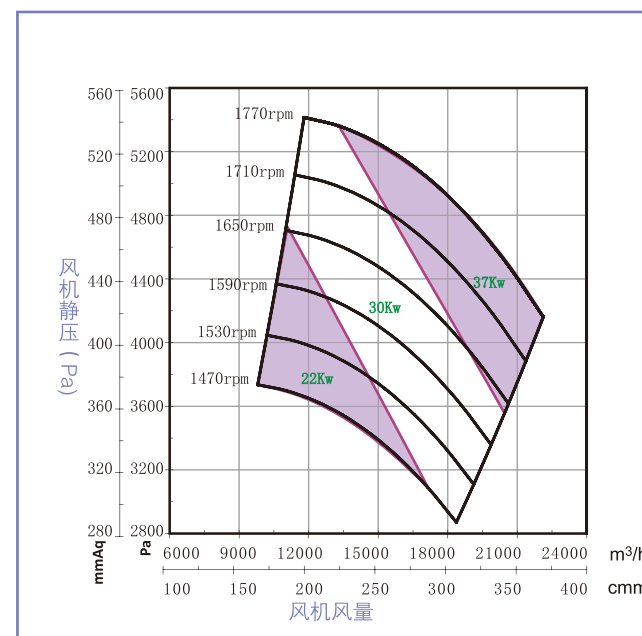
HF-241



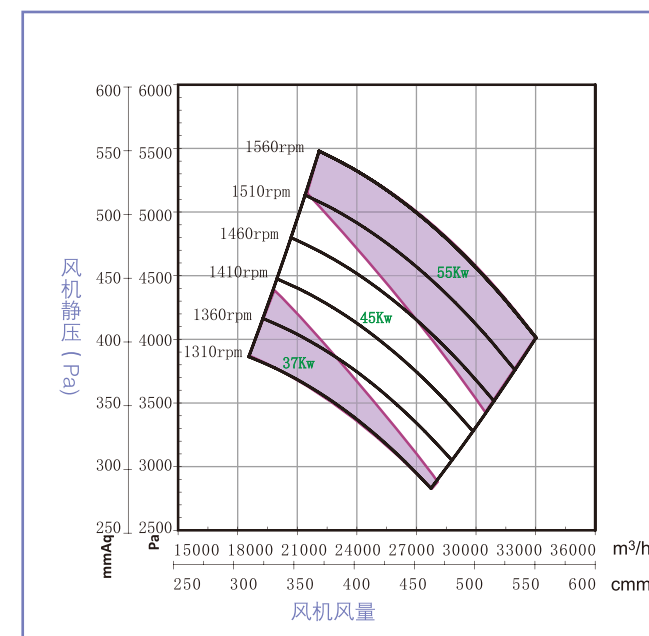
HF-301



HF-361



HF-421

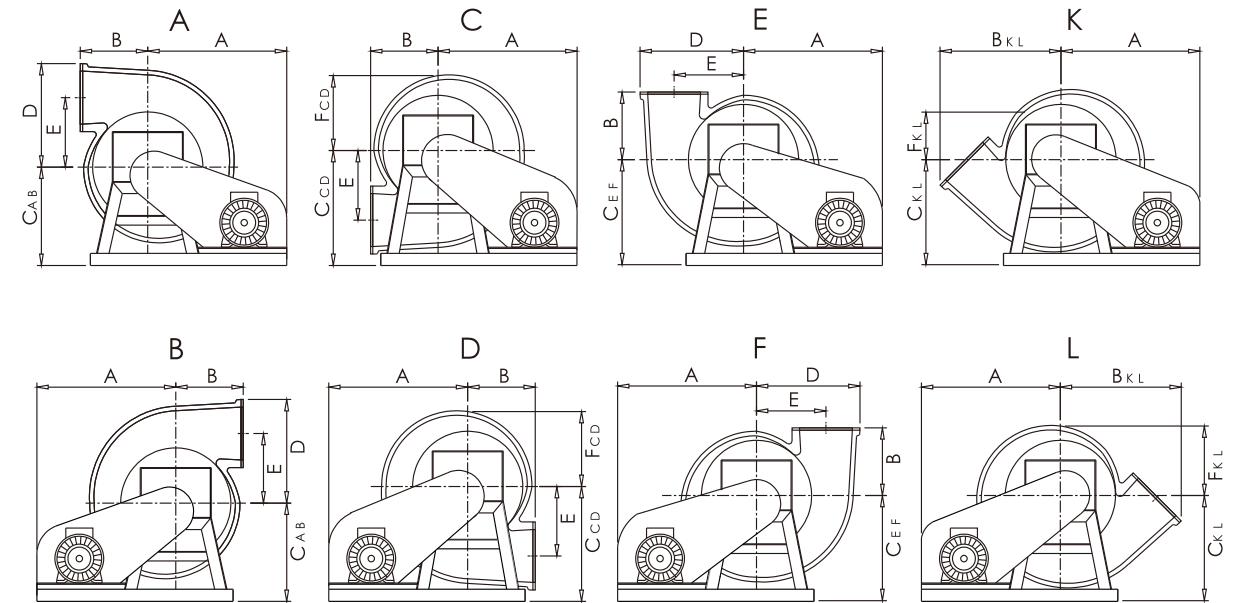
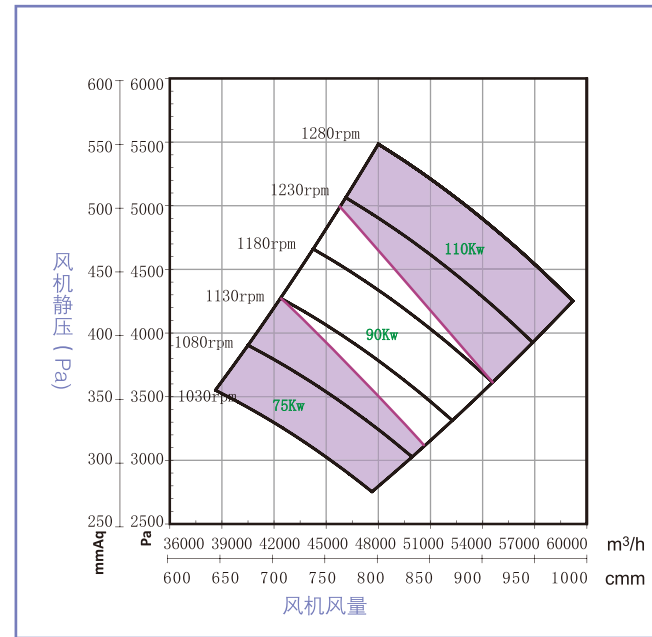
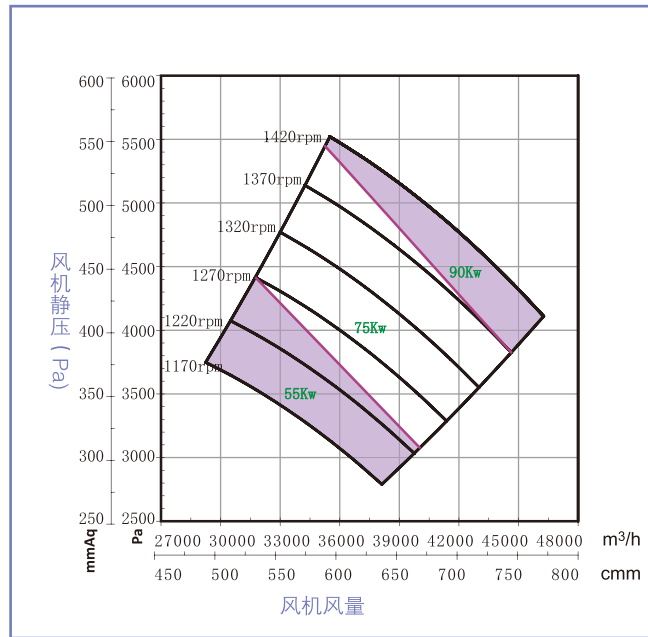


- Performance certified is for installation type D - Ducted inlet, Ducted outlet.
- Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories).

HF-481

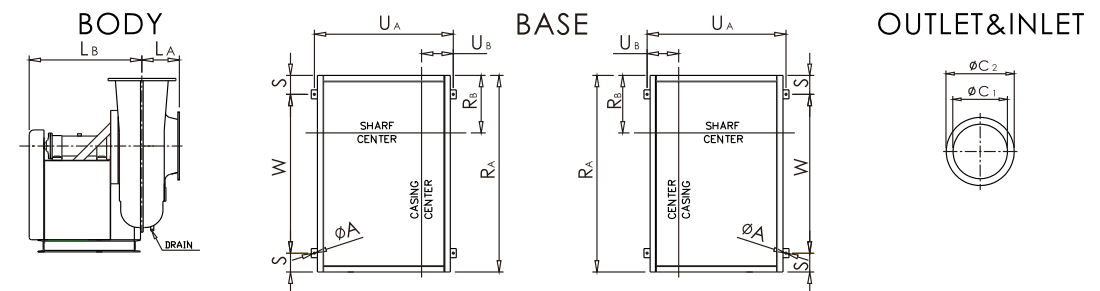
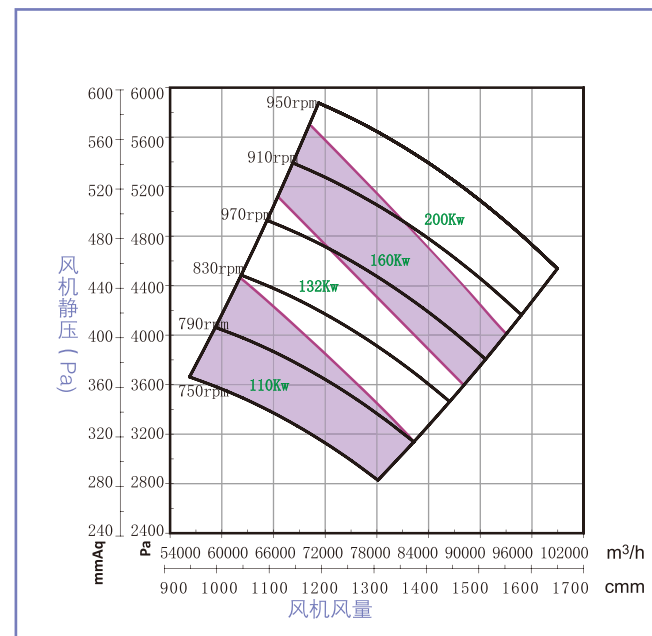
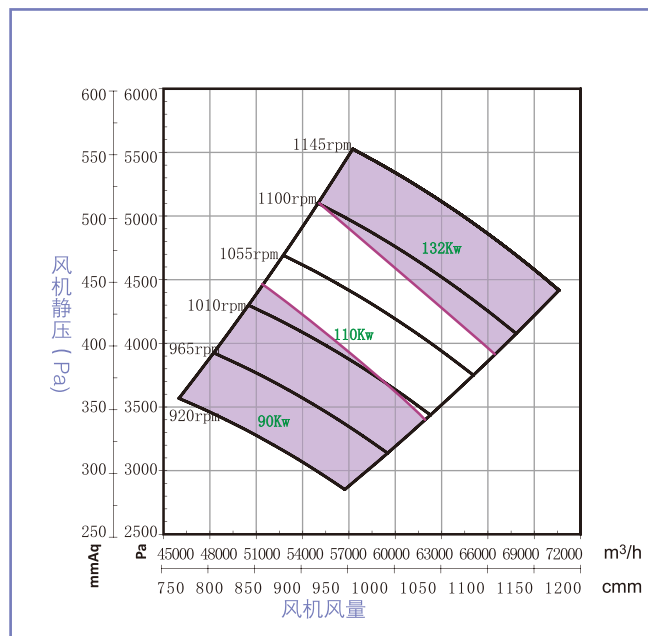
HF-541

风机尺寸图 | Fan Dimension Chart



HF-601

HF-721



MODEL	BODY												
	A	B	B _{KL}	C _{AB}	C _{CD}	C _{EF}	C _{KL}	D	E	F _{CD}	F _{KL}	L _A	L _B
HF-241	920	450	800	650	760	700	700	685	460	500	465	250	750
HF-301	1120	600	1060	800	980	900	900	896	586	630	585	345	895
HF-361	1280	680	1250	1000	1200	1100	1100	1090	730	765	700	400	1070
HF-421	1475	840	1420	1100	1270	1100	1100	1165	740	850	800	450	1140

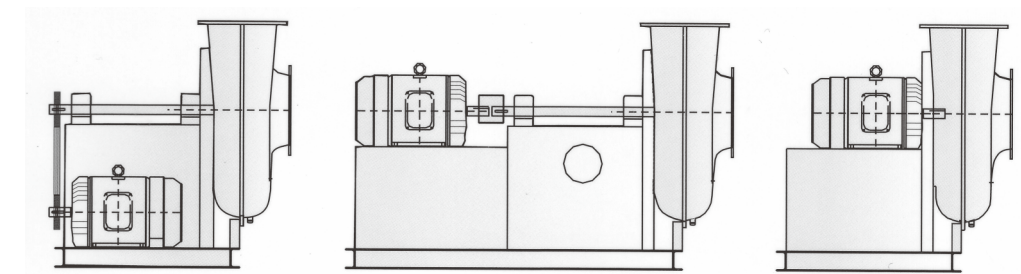
MODEL	BASE							INLET	
	R _A	R _B	U _A	U _B	S	W	ØA	ØC ₁	ØC ₂
HF-241	1300	380	940	220	125	1050	20	350	450
HF-301	1600	480	1120	290	125	1350	20	500	620
HF-361	1850	570	1335	335	150	1550	20	600	720
HF-421	2100	630	1460	390	150	1800	20	700	850

- 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).

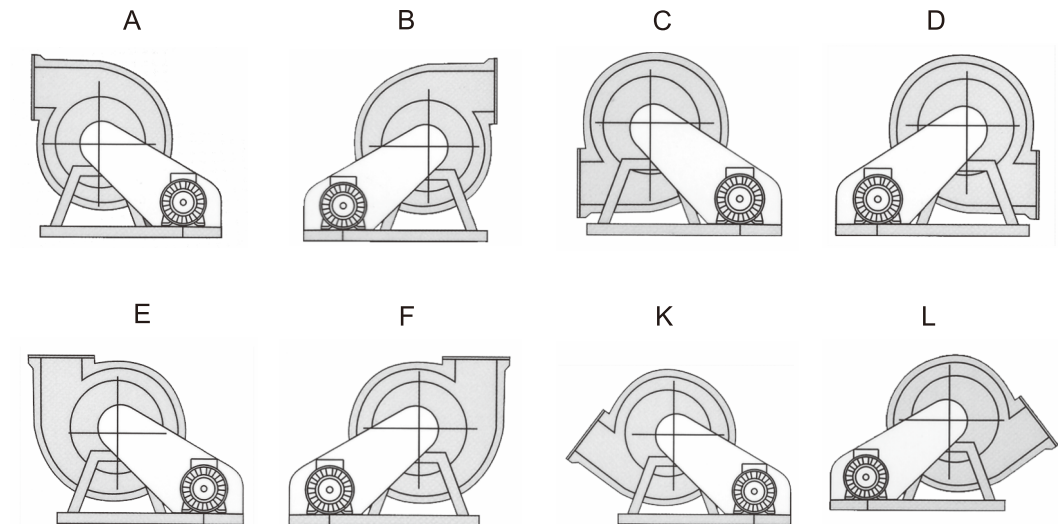
技术资料 | Technical Data

顶裕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

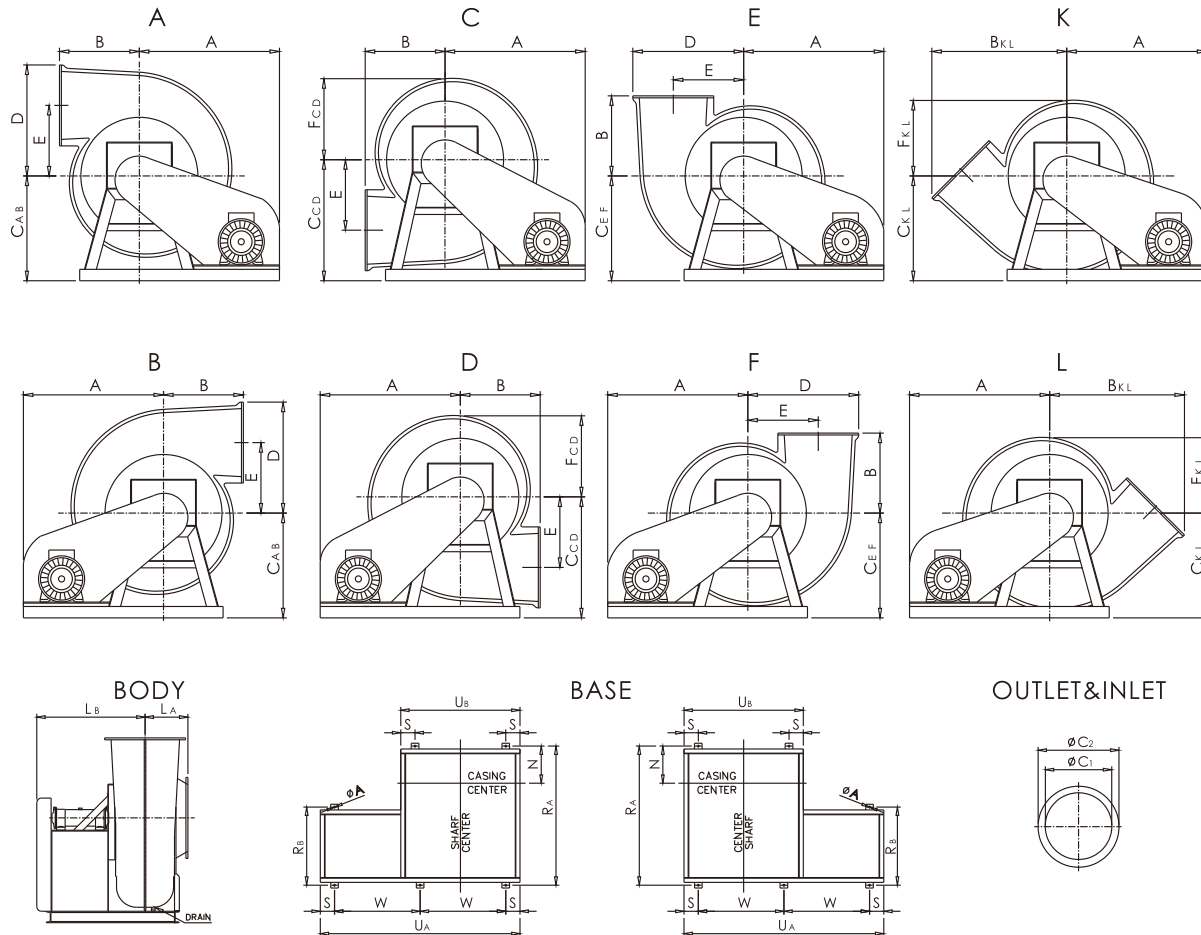


标准回转方向与出风口方向 Standard rotation direction and wind-hole direction



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	B _{KL}	C _{AB}	C _{CD}	C _{EF}	C _{KL}	D	E	F _{CD}	F _{KL}	L _A
HF-481	1730	960	1620	1255	1455	1255	1255	1325	850	990	910	515
HF-541	1940	1050	1800	1300	1600	1400	1400	1500	950	1100	1020	585
HF-601	2250	1150	1930	1400	1800	1600	1600	1675	1100	1250	1140	600
HF-721	2500	1400	2390	1650	2120	1850	2000	1980	1300	1480	1360	680

MODEL	BASE								INLET	
	R _A	R _B	U _A	U _B	N	S	W	ØA	ØC ₁	ØC ₂
HF-481	1660	960	2550	1640	460	150	1125	20	800	950
HF-541	1760	1000	2800	1720	500	150	1250	20	900	1080
HF-601	2040	1200	3150	2000	560	150	950	20	1000	1150
HF-721	2360	1400	3600	2240	630	150	1100	20	1200	1360