

Business Strategy

Valued Ours Customers
Produced Good Products
Provided Excellent Service

Company Qualifications. Product Model Description



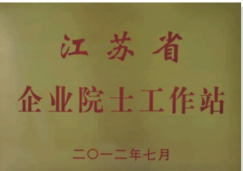
Explosion-Proof Certificate
for the FRP Fan Series



Energy Conservation
Product Certification



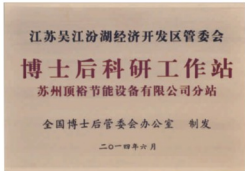
ISO Certificate
(Chinese Version)



Enterprise Academician
Workstation, Jiangsu Province



Energy Conservation Fan
Engineering Research Center



Postdoctoral Scientific
Research Workstation

Model Number Code Explanation for FRP Fans

B TF-241 B

- Drive mode: B - Belt drive; C - Drive via Coupling; D - Direct drive by motor shaft
- Model/Size: Model 241
- Fan type: TF - Medium and low pressure fan, HF - High pressure fan
- Type Designation: The type description begins with a "B" letter means "The entire complete fan set is explosion-proof", while the type description does not begin with a "B" letter means "It is not explosion-proof for the entire complete fan set".

Examples:

TF-151B: Medium and low pressure fan, Model/Size 151, Belt drive.

BTF-241B: Medium and low pressure explosion-proof fan for the entire fan set, Model/Size 241, Belt drive.

HF-181C: High pressure fan, Model/Size 181, Drive via Coupling.

BHF-301D: High pressure explosion-proof fan for the entire fan set, Model/Size 301, Direct drive by motor shaft.



PRODUCT FEATURES

Logarithmic linear design is employed for the impeller and the backward inclined blades are fabricated by high strength forming method. Being equipped with oil-cooled bearing housing, the fans feature the following benefits: prolonged the bearing life, ease of maintenance, and reduced mechanical noise. The fasteners connecting the housing (casing) and the steel frame are integrally formed with embedded treatment, which eliminates the fastener damages caused by corrosion and improves the overall operating life of the products. Our 24-hours year round services will free you from worries.



RANGE OF APPLICATIONS

The medium and low pressure FRP fans can be widely used in industries/applications such as semiconductor, photoelectric, PCB, photovoltaic, chemical, pharmaceutical, new materials, new energy, non-ferrous metals, paper, food processing, electronics, biotechnology, optical fiber, metallurgy, VOC organic waste gas recovery and other acid and alkali organic corrosive gas extraction. The high pressure FRP fans can be widely used in applications/industries such as sewage/wastewater deodorization, sludge drying, pharmaceutical and chemical industry, glass fiber manufacturing, rare earth extraction, paper making anaerobic process, acid recovery and other complex treatment of corrosive gas in high resistance environment.

FRP (Fiberglass Reinforced Plastics) FANS

As per customer demand, we provide safe, stable, energy-saving FRP fan series for all projects. With superior corrosion resistance and operating stability/reliability, our products have become the best choices for users who have projects to use FRP fans. With advanced manufacturing equipment, full inspection and testing process prior to shipment, strict quality inspection, excellent after-sales services and good reputation, our products have high market shares in various fields.

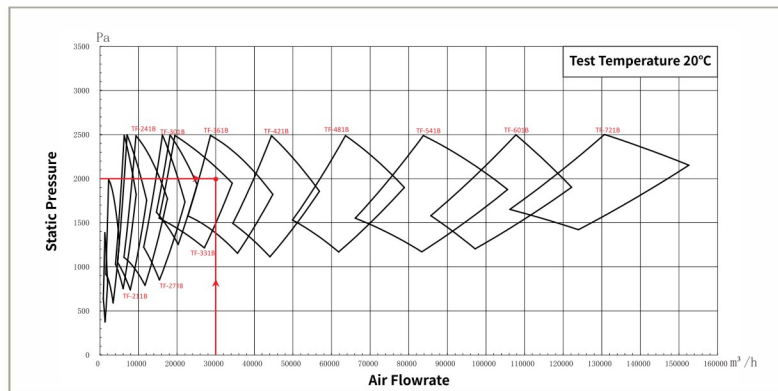
FAN MODEL SELECTION GUIDE

Example:

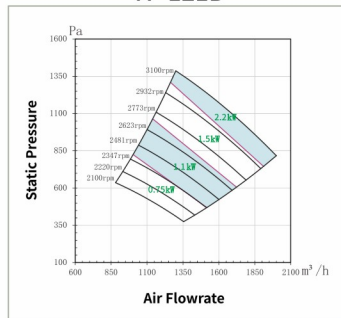
If the required air flowrate is 30,000 CMH (m³/h) at 2,000 Pa static pressure (static pressure rise), then model number TF-331B is selected from the Summary Performance Chart below.

Notes: 1 CMM (CMM means m^3/min) = 60 CMH (CMH means m^3/h); 1 mm AQ = 10 Pa (AQ means water column (or water gauge), therefore, in English system, the symbol used is either "w.c." or "w.g.")

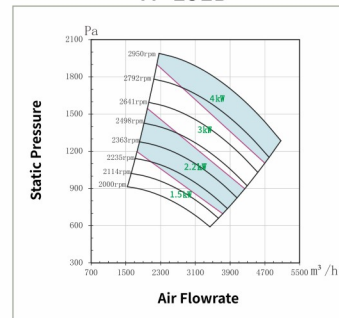
Summary of Performance Chart



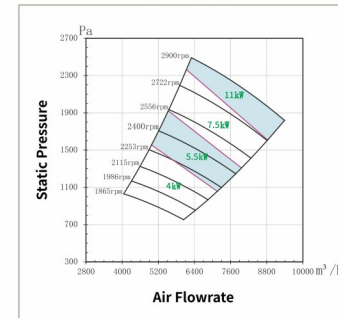
TF-121B



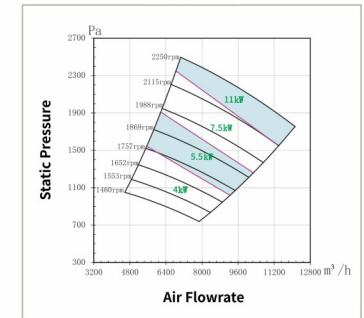
TF-151B



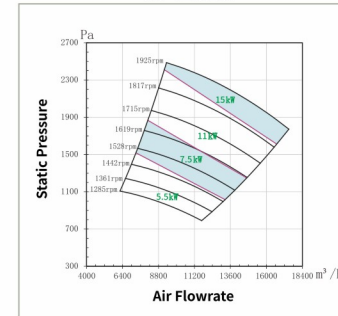
TF-181B



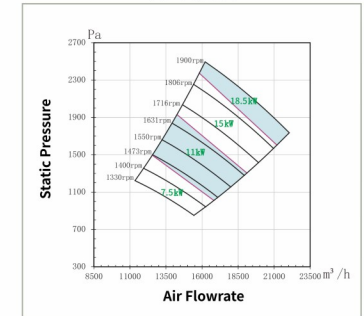
TF-211B



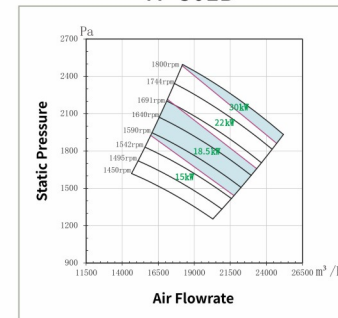
TF-241B



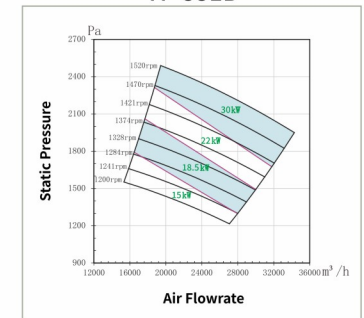
TF-271B



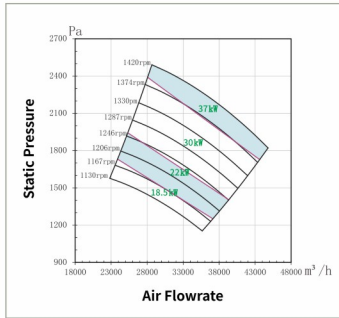
TF-301B



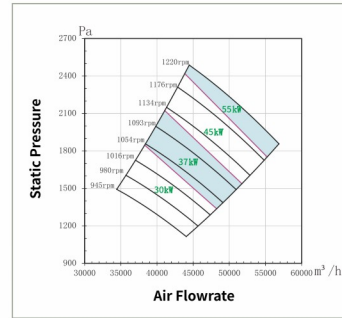
TF-331B



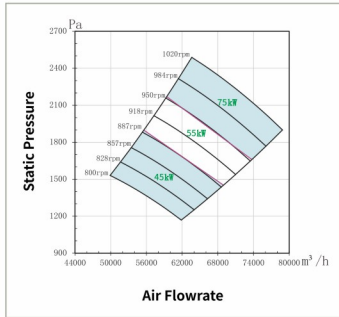
TF-361B



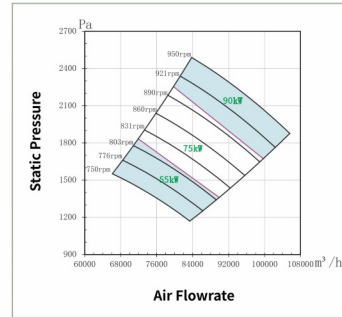
TF-421B



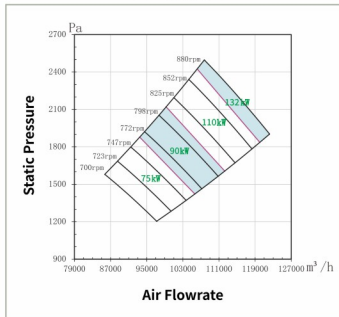
TF-481B



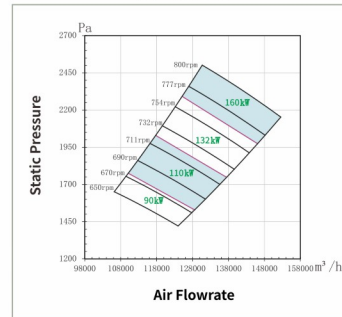
TF-541B



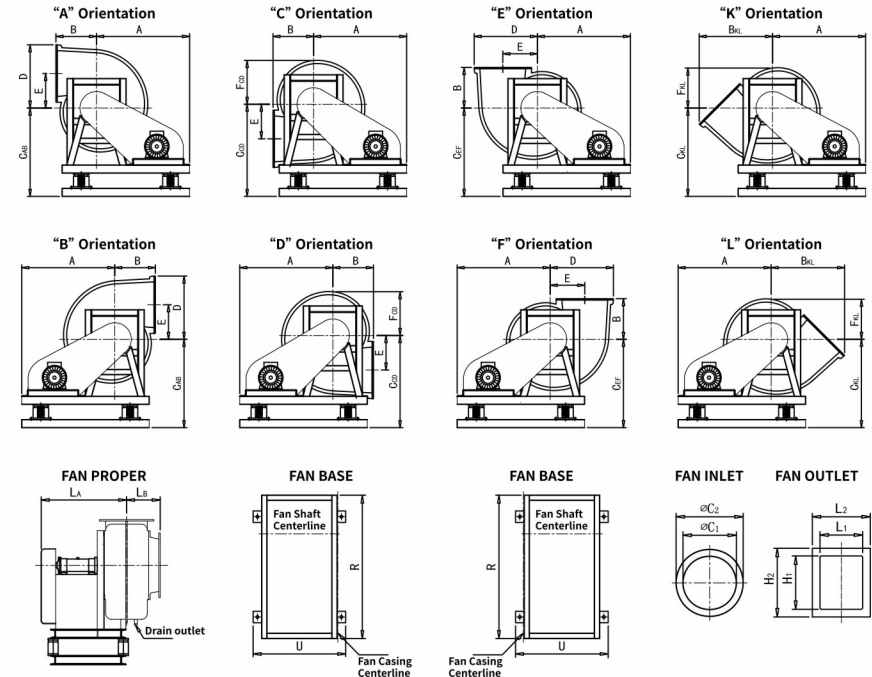
TF-601B



TF-721B



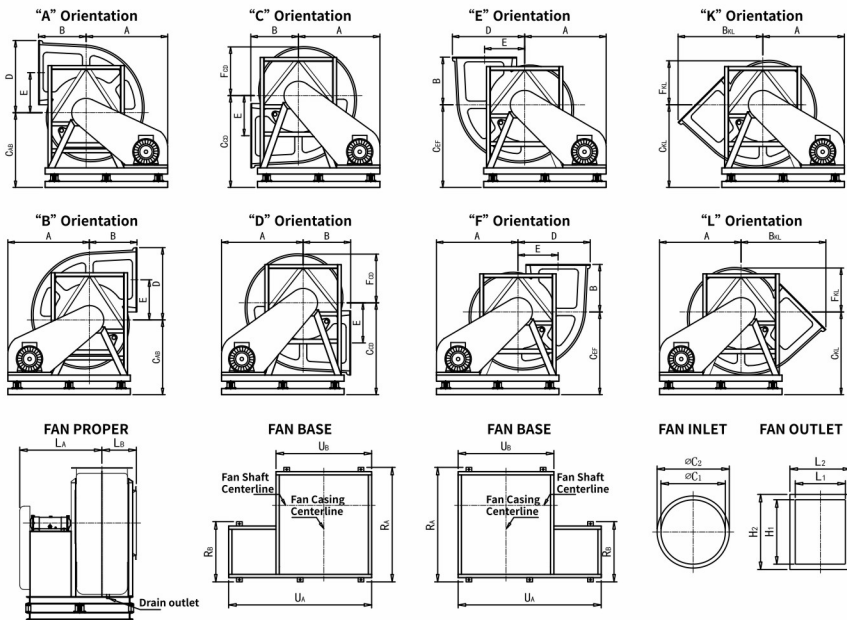
Fan Outline Dimensional Drawing



Outline Dimensional Data for Belt-drive TF Type FRP Fans

	A	B	B _{KL}	C _{AB}	C _{CD}	C _{EF}	C _{KL}	D	E	F _{CD}	F _{KL}	L _A	L _B	R	U	C ₁	C ₂	L ₁	L ₂	H ₁	H ₂
TF-121B	529	270	467	643	643	643	643	390	195	270	251	555	194	750	630	300	385	220	310	290	385
TF-151B	730	318	576	745	763	745	745	496	271	344	317	615	235	1000	666	350	440	285	375	350	450
TF-181B	820	387	712	855	910	855	855	620	335	410	372	720	290	1150	781	450	545	350	465	455	570
TF-211B	890	450	806	900	990	900	900	690	380	465	422	760	320	1250	806	505	595	410	520	505	600
TF-241B	970	490	912	995	1095	995	995	790	430	534	486	860	351	1350	911	600	685	480	610	600	710
TF-271B	1009	560	997	1025	1145	1025	1025	850	460	576	527	880	368	1470	920	655	765	510	625	655	765
TF-301B	1120	626	1114	1170	1270	1170	1170	950	480	614	556	981	400	1600	1001	745	845	550	685	795	930
TF-331B	1180	700	1230	1120	1380	1220	1280	1040	570	702	637	1010	420	1750	1027	800	910	615	735	805	935

The models, specifications and performance data contained in this catalog are general guiding references for your selections only. The fan selections made by us officially based on actual specified requirements will prevail. Subject to change without notice.



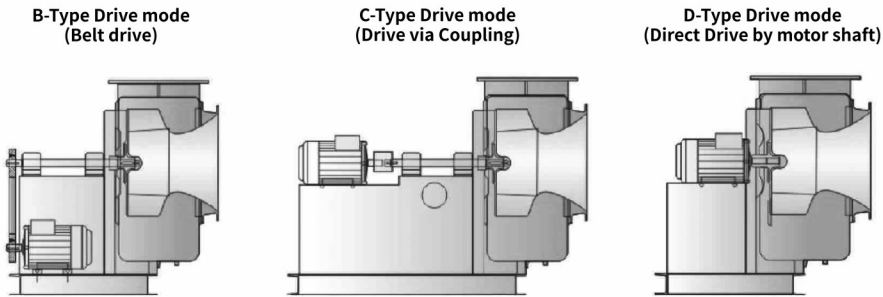
Outline Dimensional Data for Belt-drive TF Type FRP Fans												
	A	B	B _{KL}	C _{AB}	C _{CD}	C _{EF}	C _{KL}	D	E	F _{CD}	F _{KL}	L _A
TF-361B	1331	777	1384	1230	1510	1360	1360	1180	655	799	726	1150
TF-421B	1595	854	1556	1345	1745	1495	1495	1347	772	893	804	1235
TF-481B	1690	1000	1793	1445	1895	1695	1695	1535	860	1035	939	1438
TF-541B	1910	1120	1994	1560	2100	1730	1730	1700	950	1167	1051	1610
TF-601B	1875	1204	2199	1550	2305	1760	1870	1905	1075	1197	1090	1648
TF-721B	2312	1400	2531	1880	2650	2200	2400	2180	1200	1481	1323	1964

Outline Dimensional Data for Belt-drive TF Type FRP Fans												
	L _B	R _A	R _B	U _A	U _B	C ₁	C ₂	L ₁	L ₂	H ₁	H ₂	—
TF-361B	481	1602	842	2000	1338	895	1010	705	845	905	1040	—
TF-421B	534	1740	880	2350	1510	1000	1110	805	945	995	1145	—
TF-481B	635	1995	920	2550	1720	1200	1340	955	1095	1195	1340	—
TF-541B	650	2165	1030	2900	1980	1350	1500	990	1145	1360	1500	—
TF-601B	745	2285	1038	2860	1980	1505	1625	1105	1275	1495	1675	—
TF-721B	1000	2711	2711	3500	3500	1800	1960	1440	1600	1800	1960	—

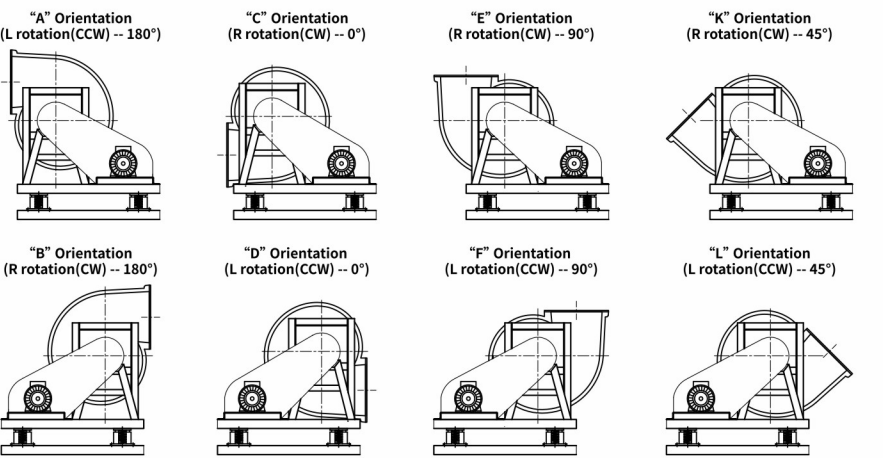
The models, specifications and performance data contained in this catalog are general guiding references for your selections only. The fan selections made by us officially based on actual specified requirements will prevail. Subject to change without notice.

Technical Information

Options for drive mode for Ding Yu's FRP fans



Standard Direction of Rotation and Fan Outlet Orientation



The direction of rotation is based on viewing from the driving motor end. It can also be specially designed as per customer's requirements.

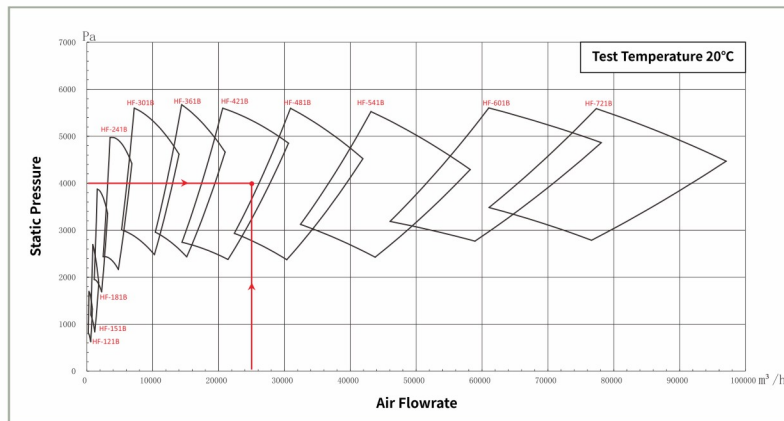
FAN MODEL SELECTION GUIDE

Example:

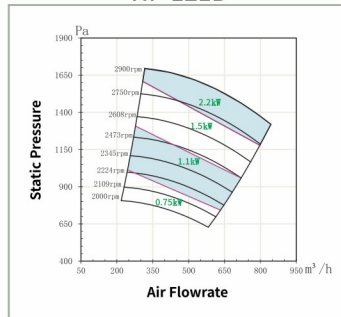
If the required air flowrate is 25,000 CMH (m^3/h) at 4,000 Pa static pressure (static pressure rise), then model number HF-421B is selected from the Summary Performance Chart below.

Notes: 1 CMM (CMM means m^3/min) = 60 CMH (CMH means m^3/h); 1 mm AQ = 10 Pa (AQ means water column (or water gauge), therefore, in English system, the symbol used is either “w.c.” or “w.g.”.)

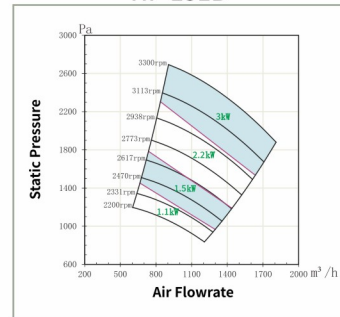
Summary of Performance Chart



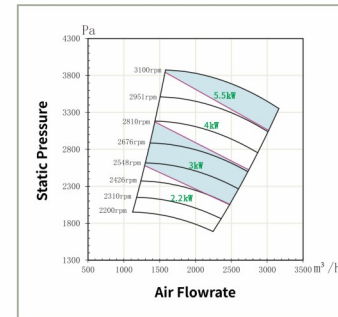
HF-121B



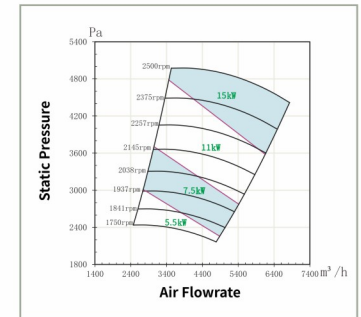
HF-151B



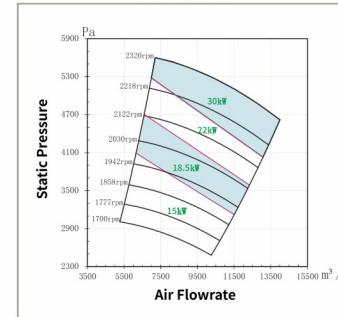
HF-181B



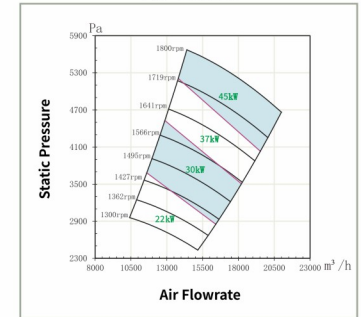
HF-241B



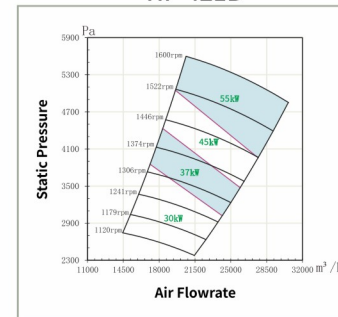
HF-301B



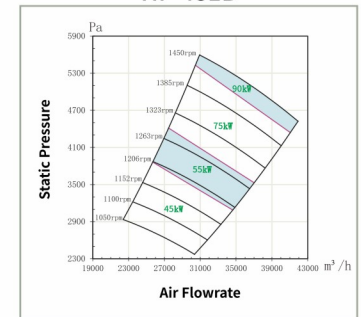
HF-361B



HF-421B

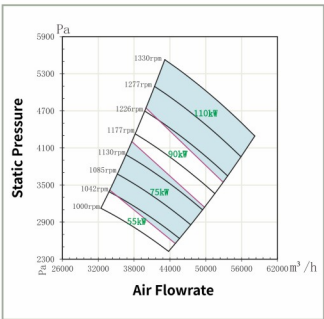


HF-481B

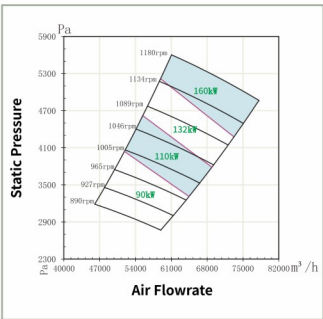


Fan Outline Dimensional Drawing

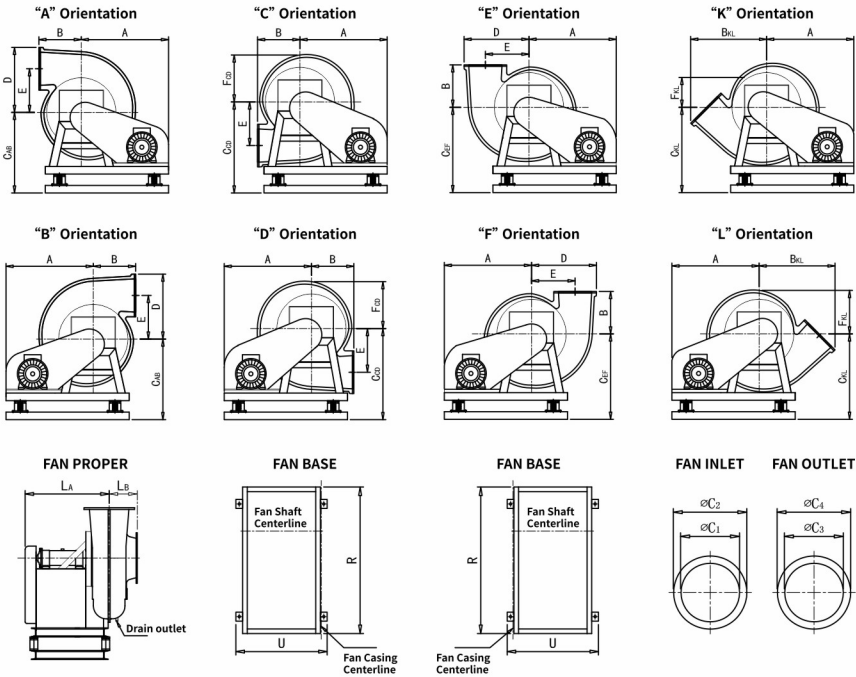
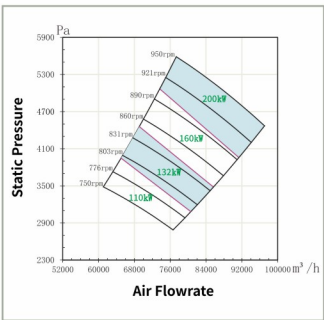
HF-541B



HF-601B

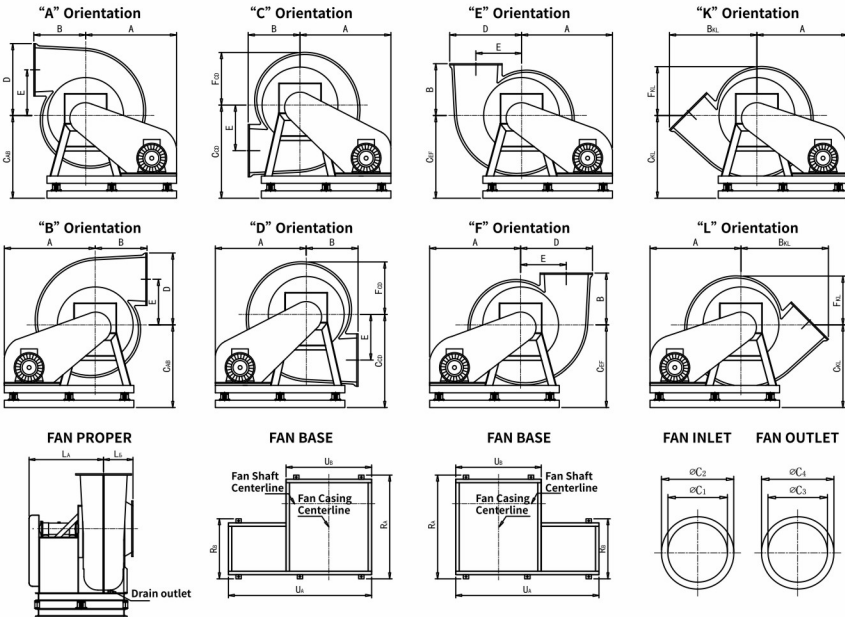


HF-721B



Outline Dimensional Data for Belt-drive HF Type FRP Fans																			
	A	B	B _{KL}	C _{AB}	C _{CD}	C _{EF}	C _{KL}	D	E	F _{CD}	F _{KL}	L _A	L _B	R	U	C ₁	C ₂	C ₃	C ₄
HF-121B	519	260	421	593	593	593	593	335	210	260	249	520	120	750	595	155	245	150	245
HF-151B	581	300	459	610	610	610	610	350	200	290	280	545	150	840	605	205	295	195	295
HF-181B	810	380	622	785	785	785	785	500	325	425	398	645	180	1140	708	255	345	250	345
HF-241B	920	447	801	860	970	910	910	685	460	512	478	750	214	1300	1000	350	445	340	445
HF-301B	1120	600	1058	1030	1210	1130	1130	896	586	633	584	918	330	1600	1198	500	615	505	610

The models, specifications and performance data contained in this catalog are general guiding references for your selections only. The fan selections made by us officially based on actual specified requirements will prevail. Subject to change without notice.



Outline Dimensional Data for Belt-drive HF Type FRP Fans

	A	B	B _{KL}	C _{AB}	C _{CD}	C _{EF}	C _{KL}	D	E	F _{CD}	F _{KL}
HF-361B	1281	680	1252	1230	1430	1330	1330	1090	730	764	700
HF-421B	1473	840	1418	1345	1515	1345	1345	1165	740	854	795
HF-481B	1730	960	1616	1500	1700	1500	1500	1325	850	986	920
HF-541B	1935	1050	1810	1500	1880	1700	1700	1510	955	1101	1022
HF-601B	2062	1120	1927	1600	2000	1730	1730	1605	1000	1182	1103
HF-721B	2150	1250	2254	1890	2450	2120	2240	1938	1250	1400	1287

Outline Dimensional Data for Belt-drive HF Type FRP Fans

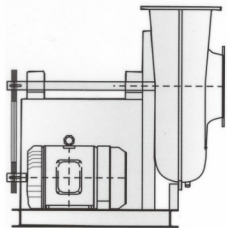
	L _A	L _B	R _A	R _B	U _A	U _B	C ₁	C ₂	C ₃	C ₄	—
HF-361B	1069	399	1394	842	1850	1138	600	710	590	710	—
HF-421B	1140	450	1490	880	2100	1254	705	835	700	840	—
HF-481B	1305	521	1680	1020	2550	1640	805	945	795	945	—
HF-541B	1470	585	1925	1030	2800	1730	900	1070	915	1100	—
HF-601B	1592	580	1976	1046	3000	1876	1005	1205	1015	1205	—
HF-721B	1626	688	2600	2600	3300	3300	1200	1375	1200	1375	—

The models, specifications and performance data contained in this catalog are general guiding references for your selections only. The fan selections made by us officially based on actual specified requirements will prevail. Subject to change without notice.

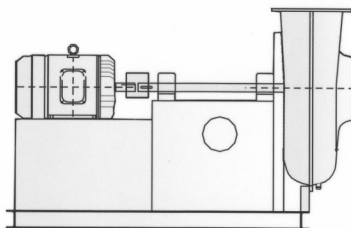
Technical Information

Options for drive mode for Ding Yu's FRP fans

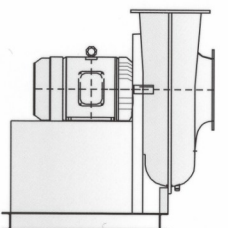
B-Type Drive mode
(Belt drive)



C-Type Drive mode
(Drive via Coupling)

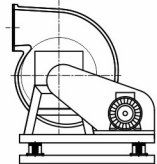


D-Type Drive mode
(Direct Drive by motor shaft)

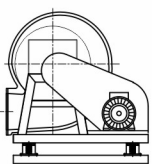


Standard Direction of Rotation and Fan Outlet Orientation

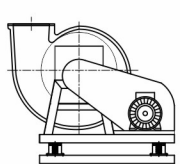
"A" Orientation
(L rotation(CCW) -- 180°)



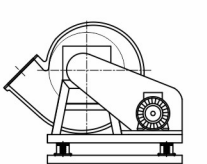
"C" Orientation
(R rotation(CW) -- 0°)



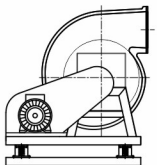
"E" Orientation
(R rotation(CW) -- 90°)



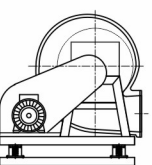
"K" Orientation
(R rotation(CW) -- 45°)



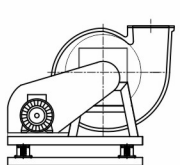
"B" Orientation
(R rotation(CW) -- 180°)



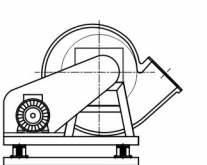
"D" Orientation
(L rotation(CCW) -- 0°)



"F" Orientation
(L rotation(CCW) -- 90°)



"L" Orientation
(L rotation(CCW) -- 45°)



The direction of rotation is based on viewing from the driving motor end. It can also be specially designed as per customer's requirements.



◀ PCB Industry ▶



◀ Photovoltaic Industry ▶



◀ Semiconductor Industry ▶



◀ Solid Waste Disposal Industry ▶

Chemical Industry ▶



Pharmaceutical Industry ▶



Surface Treatment and
Finishing Industry ▶



Municipal Deodorizing and Sludge
Drying Industry ▶

