



Fairway (Hangzhou) Environment Tech. Co., Ltd certifies that the PP Fan Series – Model PF 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 AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



实验室专用风机 PP风机系列

Lab Dedicated Fan
PP Fan Series



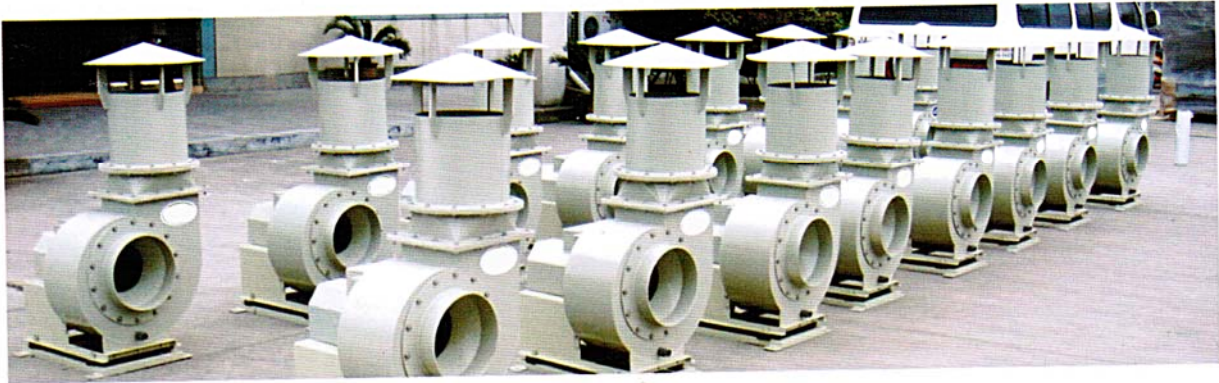
杭州斐伟环境科技有限公司

Fairway (Hangzhou) Environment Tech. Co., LTD

PP风机 | PP Fan

公司秉承优秀的风机制造传统,应用经典的流体力学理论,配以严格的电脑辅助设计,规范的制作工艺,完善的检测设备,推出PP系列风机,以高效率、高性能、低噪音、低震动,领先于同类产品,是您风机方面的最佳选择。

With proven experiences in fan manufacturing and classical liquid mechanical theories as well as technical assistance of rigorous computer aided design, standardized manufacturing process and systemized testing equipments, Dingyu Company has launched its cutting-edge PP-series fans featured with high efficiency, high performance, low noise and low vibration, which are of your best choice for fans.



用途 | Application

产品特点: 结构紧凑,加热压模焊接成型,性能曲线平坦,高效区宽广,运行平稳。

Product features: Compact design profiled through heated pressurized molding and welding, with smooth performance curve, wide high-efficiency range and steady performance.

产品用途:

- › 使用於工业厂房含有腐蚀性酸碱气体的抽排风
- › 配套於化学实验室设备中不同种类气体的抽排风
- › 使用於生物实验室的通风
- › 使用於除臭气的净化设备的排风
- › 使用于沿海地区易受潮分解腐蚀区域的抽排风

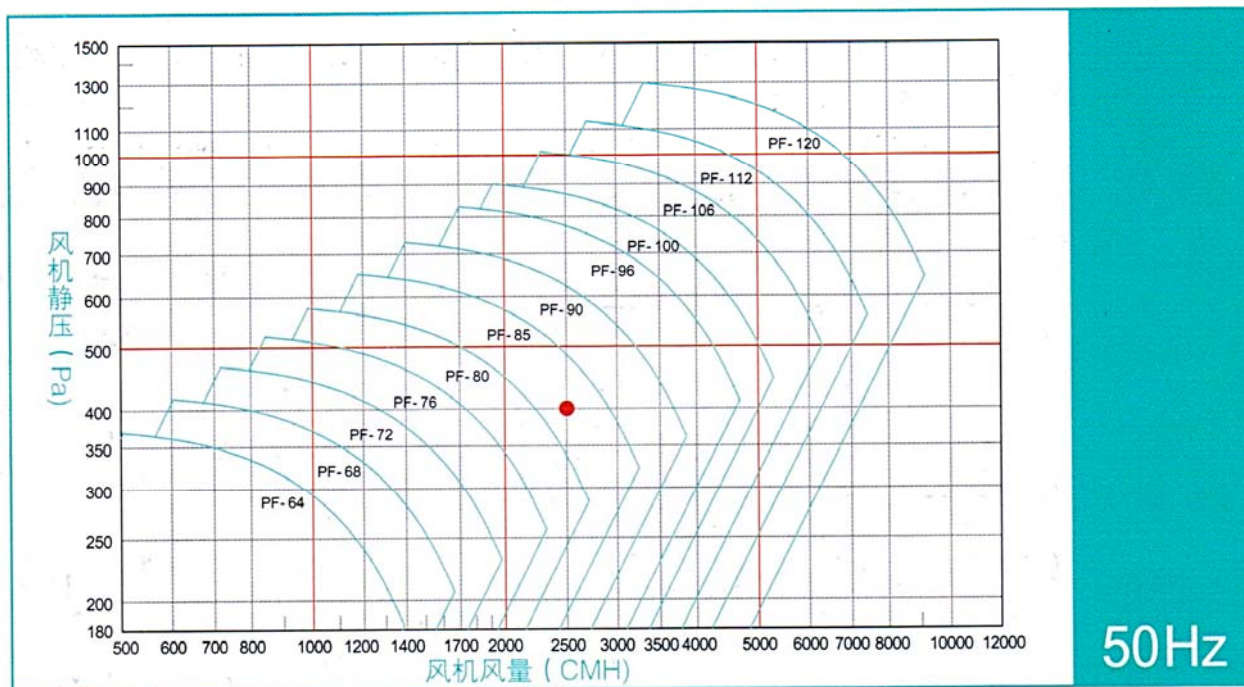
It can be widely used for:

- › Ventilation of corrosive gas with acidic/alkaline contents for plant workshop
- › Performing as component of equipments in chemical lab for ventilation of all kinds of gas
- › Ventilation of biological lab
- › Ventilation of odorous gas for purifying equipments
- › Fan for coastal areas subject to decomposition and corrosion due to dampness

风机性能选用说明 | Explanation for fan performance selection

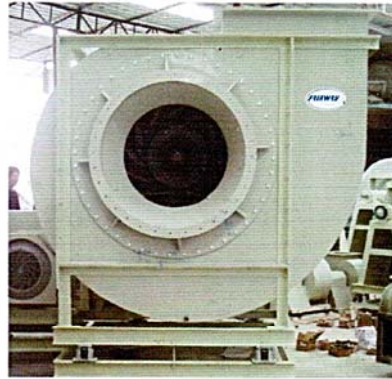
范例一 Example 1:

- ▶ 若以需求风量2500CMH,静压400Pa,使用于50Hz电源频率为例,则可以依据下表50Hz的性能曲线表所示,选出适用的PF-85机型,转速为1410RPM, 马力为2马力。
- ▶ If you need a fan of 2500CMH capacity, 400Pa static pressure, and 50Hz power frequency, as shown in the performance curve table for 50Hz listed below, you can choose the PF-85 model of 1410RPM and 2 hp to meet your requirements .



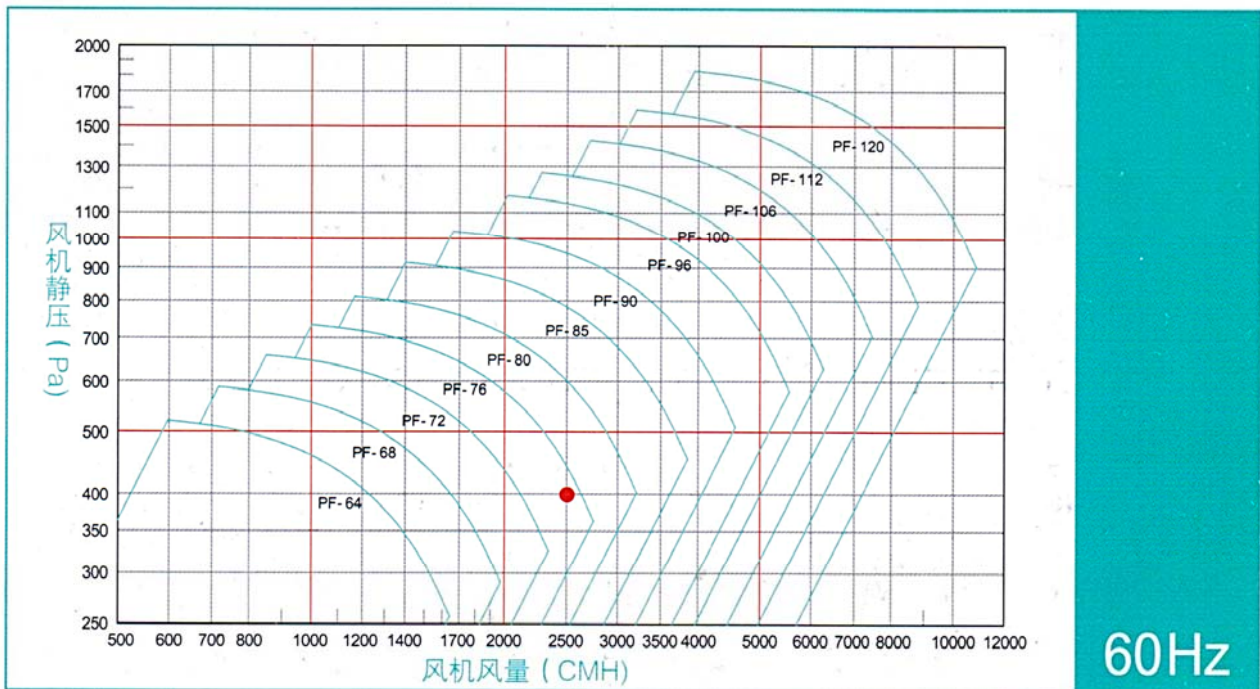
50Hz





范例二 Example2:

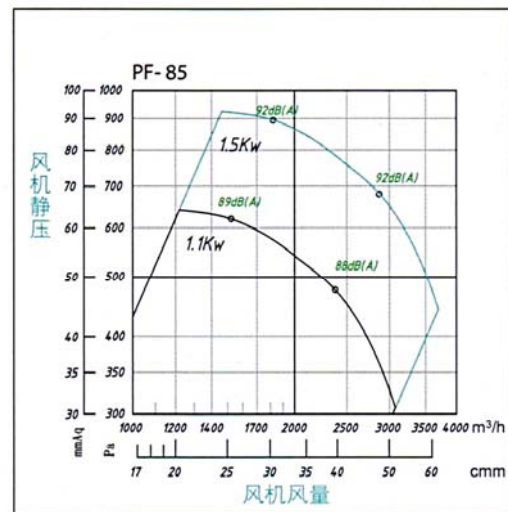
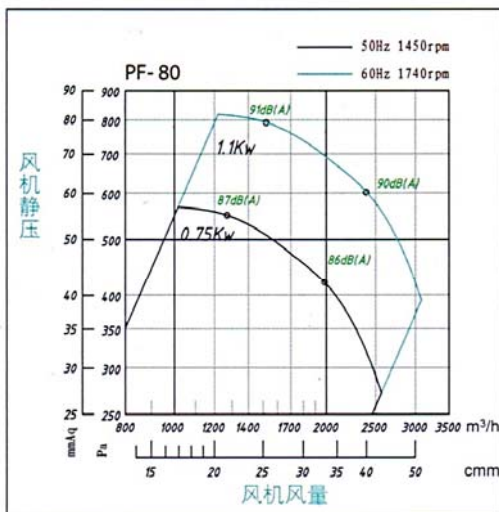
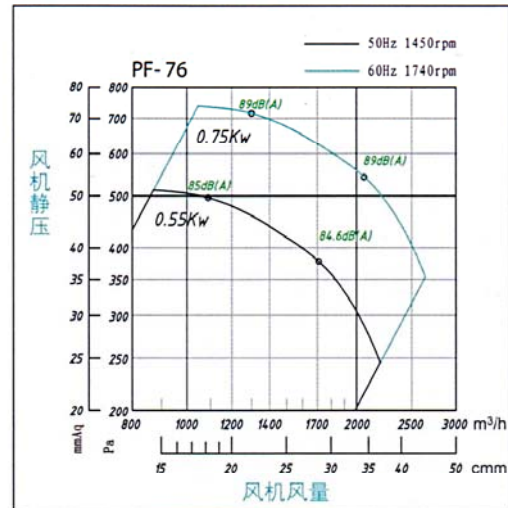
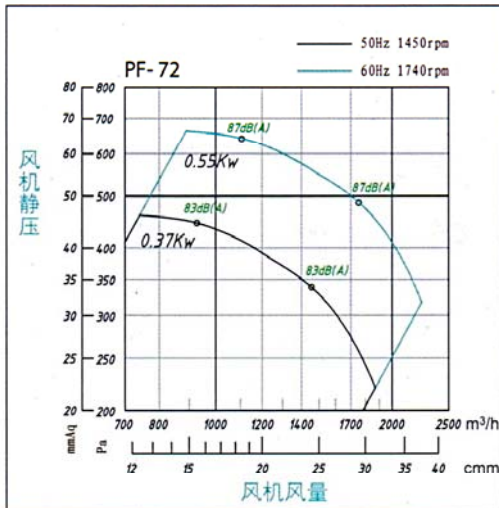
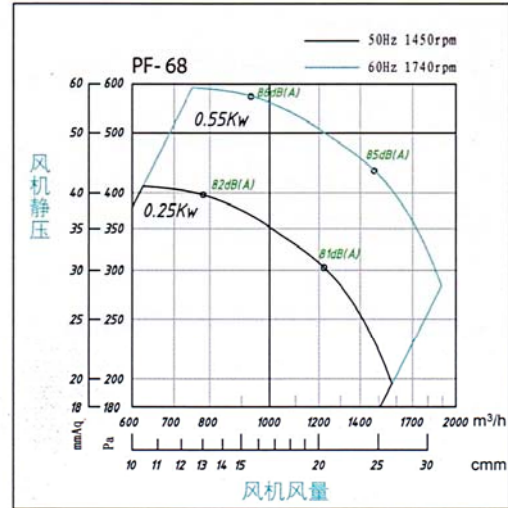
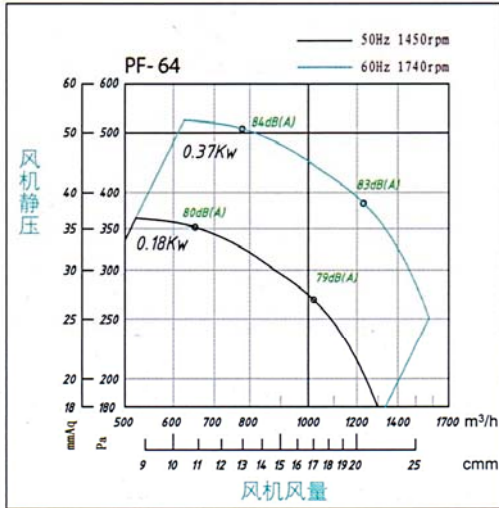
- 若以需求风量2500CMH,静压400Pa,使用于60Hz电源频率为例,则可以依据下表60Hz的性能曲线总表所示,选出适用的PP-76机型,转速为1720RPM, 马力为2马力。
- If you need a fan of 2500CMH capacity, 400Pa static pressure, and 60HZ power frequency, as shown in the performance curve table for 60Hz listed below, you can choose the PP-76 model of 1720RPM and 2 hp to meet your requirements .



60Hz

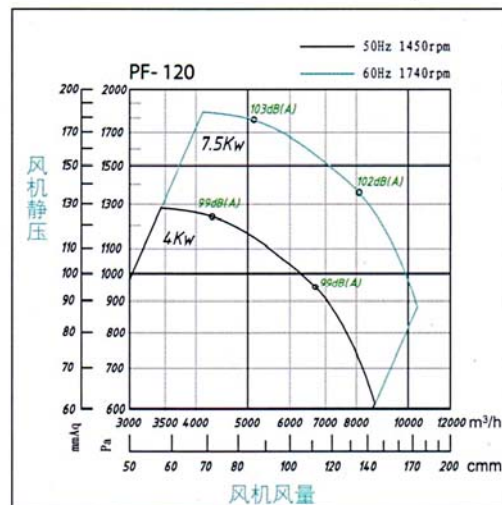
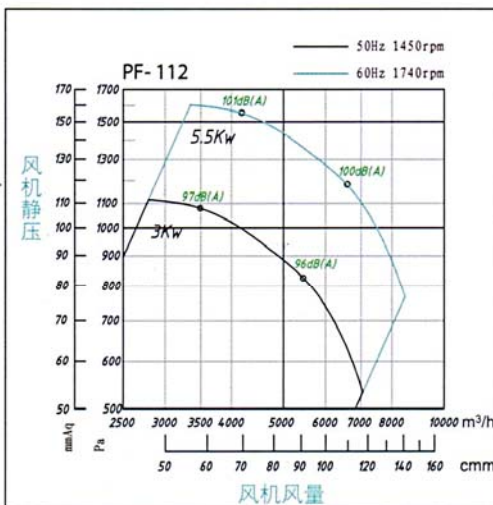
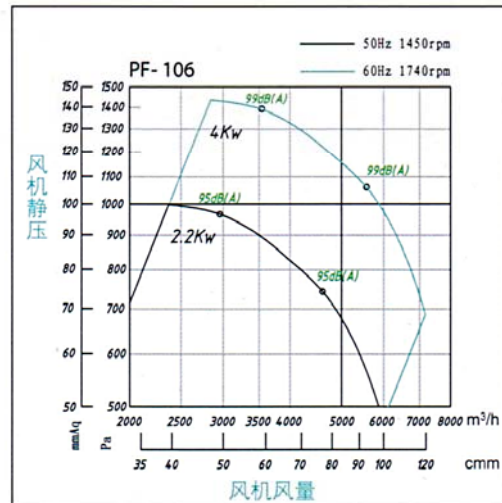
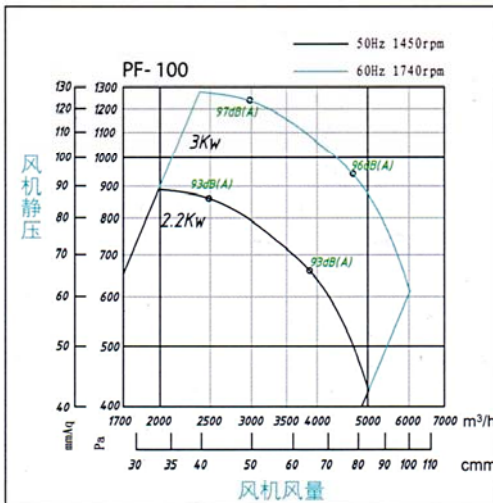
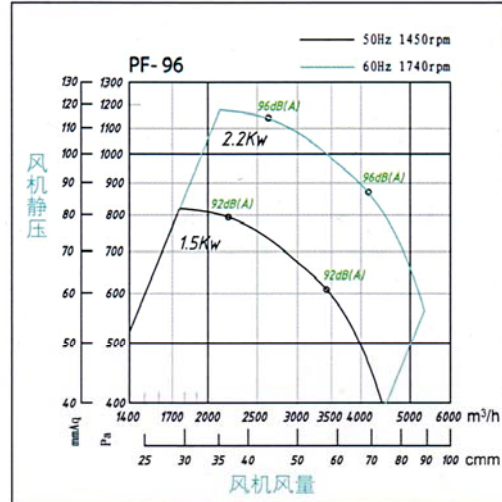
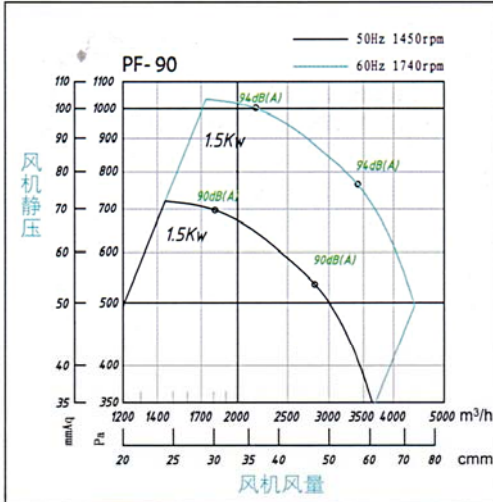
■ Performance certified is for installation type D-Ducted inlet, Ducted outlet. ■ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). ■ Values shown are for inlet LwA sound power levels for Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction. ■ The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

PF-64 PF-68 PF-72 PF-76 PF-80 PF-85



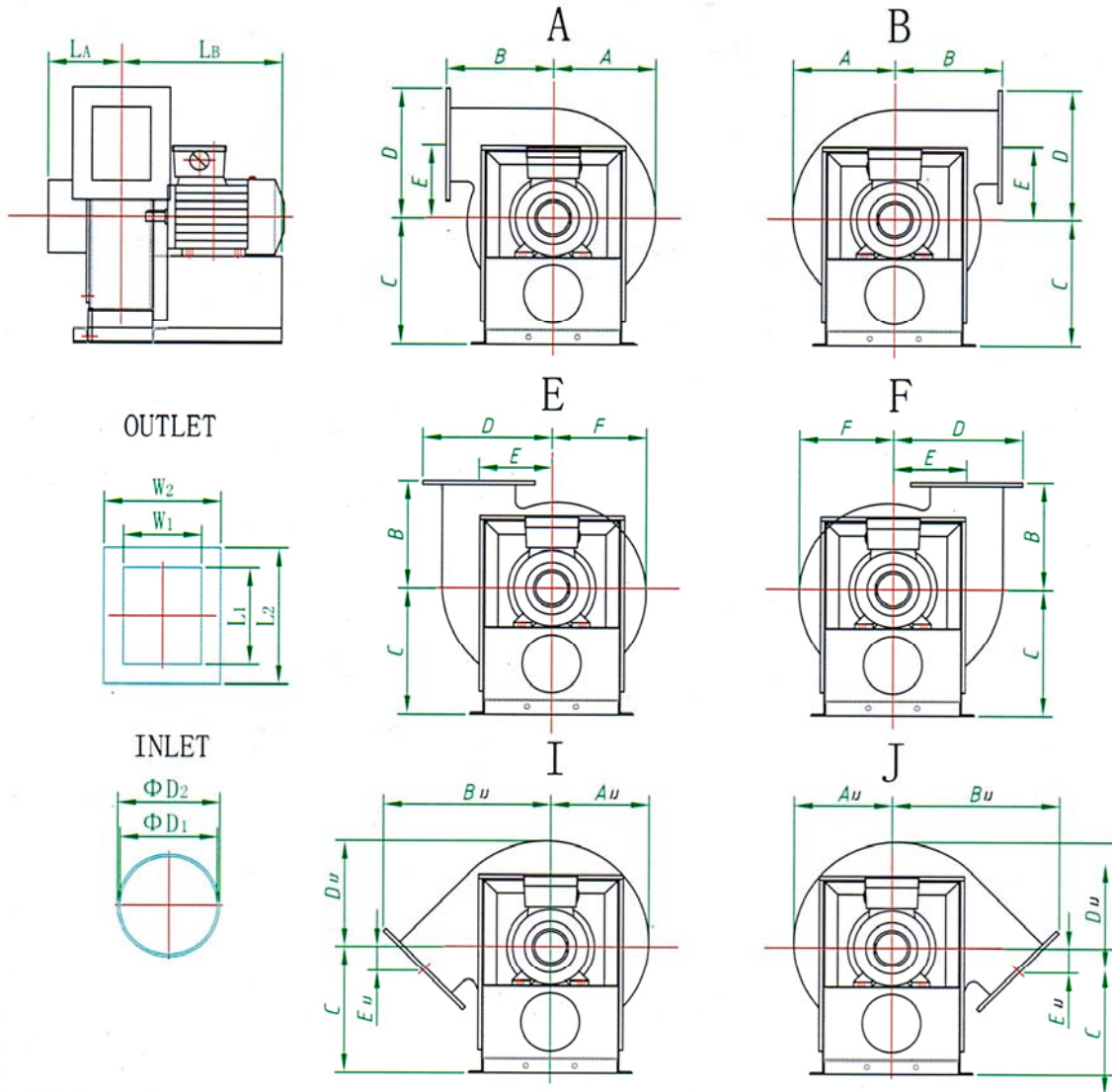
■ Performance certified is for installation type D-Ducted inlet, Ducted outlet. ■ Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). ■ Values shown are for inlet LwA sound power levels for Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction. ■ The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

PF-90 PF-96 PF-100 PF-106 PF-112 PF-120



■ 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). ■ Values shown are for inlet LwA sound power levels for Installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction. ■ The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

风机尺寸图 | Fan Dimension Chart



MODEL	BODY											INLET		OUTLET				
	A	AJ	B	BJ	C	D	DIJ	E	EIJ	F	La	Lb	ΦD1	ΦD2	W1	L1	W2	L2
PF-64	260	241	250	403	300	320	273	160	64	225	235	470	250	256	200	250	270	320
PF-68	275	256	265	427	320	340	290	170	68	240	240	480	265	271	212	265	282	335
PF-72	290	270	280	450	340	355	307	180	72	255	250	500	280	286	224	280	294	350
PF-76	305	285	290	470	360	373	325	190	76	270	255	510	296	302	237	296	307	366
PF-80	320	300	315	505	380	400	340	200	80	280	265	530	315	321	250	315	330	395
PF-85	340	320	330	510	400	420	360	212	85	300	270	540	330	338	264	330	344	410

MODEL	BODY											INLET		OUTLET				
	A	AJ	B	BJ	C	D	DIJ	E	EIJ	F	La	Lb	ΦD1	ΦD2	W1	L1	W2	L2
PF-90	360	340	350	563	420	440	385	225	90	315	280	560	350	358	280	350	360	430
PF-96	385	360	375	600	450	470	410	240	96	335	290	580	375	385	300	375	380	455
PF-100	400	375	390	622	480	485	425	250	100	350	295	590	390	400	312	390	392	470
PF-106	425	400	415	663	500	525	450	265	106	370	315	630	415	425	332	415	432	515
PF-112	450	420	440	700	530	550	475	280	112	390	325	650	440	450	350	440	450	540
PF-120	480	450	470	750	560	585	510	300	120	420	340	680	470	480	375	470	475	570

标准回转方向与风口方向 |

Standard rotation direction and wind-hole direction

