



No.TSTM-20260103



HTFC-2-V 离心式无蜗壳柜式风机
HTFC-2-V centrifugal unhoused cabinet fan

September 2026

ZHEJIANG SHUANGYANG FANS HOLDING CO.,LTD.

关于双阳

浙江双阳风机股份有限公司是风机、风阀和消声器产品的专业制造企业。公司占地面积 10 万平方米，建筑面积 8.5 万平方米，注册资本 30500 万元，总资产近 7 亿元。目前，已形成工业配套、核电、地铁隧道和工民建四大领域应用风机的设计、制造和销售的完整体系。

公司自成立以来，一直以科技创新为发展方向，长期与国内知名院校、科研单位进行产学研合作，并不断引进、消化和吸收先进技术，公司创新能力持续增强。现有员工 500 余人，工程技术人员 70 余人，其中中高级职称 40 余人。

公司拥有 80 多项专利，多个产品被国家科技部、发改委列入“国家重点新产品”、“火炬计划”和“十大重点节能工程重大示范项目”，公司还荣获“国家高新技术企业”，“浙江省专精特新中小企业”等称号。

公司的历史悠久，资金实力雄厚，质保体系健全，制造设备精良，检验流程完善，设计、制造和服务经验丰富。公司综合实力处于行业领先地位。

欢迎国内外朋友莅临指导！

CREATING LEADING TECHNOLOGY CASTING SHUANGYANG FAN BOUTIQUE 创行业领先科技 铸双阳风机精品

Zhejiang Shuangyang Fans Holding Co., Ltd, a professional manufacturer specialized in fans, dampers and silencers. It covers an area of more than 10,000 square meters and construction area 85,000 square meters with the registered capital 305 million yuan and total asset are nearly 700 million yuan. Shuangyang has formed a complete system included the design, manufacture and sales of fans in the fields of civil construction, metro and tunnel, nuclear power station and industrial supporting.

Since its founding, the company has always been dedicated to technical innovation and its innovation ability has been continuously enhanced by cooperating with domestic famous universities and research institutes in production, study and research, and constantly introducing and absorbing advanced technologies. The company, with more than 500 employees, more than 70 engineers technicians and more than 40 intermediate and senior engineer technicians, has more than 80 patents. Many products of Shuangyang company have been listed as National Key New Product, Torch Program and Ten Major Demonstration Projects of Key Energy Conservation Projects by the Ministry of Science and Technology and the National Development and Reform Commission, and the company awarded the High Technology and New Technology Enterprise.

With long history, solid financial resources, sound quality assurance system, high-quality devices, perfect inspection ability and rich experience of design, production and service, Shuangyang is looking forward to your kindly visit.



HTFC-2-V 离心式无蜗壳柜式风机 centrifugal unboxed cabinet fan



浙江双阳风机股份有限公司特此证明，此处所示 HTFC-2-V 离心式无蜗壳柜式风机获得了加盖 AMCA 印章的授权。所示额定值系根据 AMCA 出版物 211 和 AMCA 出版物 311 所进行测试和程序确定，并符合 AMCA 认证额定值计划的要求。

Zhejiang Shuangyang Fans Holding Co., Ltd. certifies that the HTFC-2-V centrifugal unboxed cabinet fan shown herein is 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.

概述 Overview

HTFC-2-V 系列风机采用箱形设计，叶轮主要由后倾叶片、与流线型入口精密配合的前盘组成，气体通过流线型入口吸入叶轮直接加压，减少因紊流造成的效率损失，高效处宽、噪声低，同时结构上更为紧凑，节约安装空间。

HTFC-2-V series fans adopt a box-shaped design. The impeller is mainly composed of backward-curved blades and a front plate that is precisely matched with a streamlined inlet. Gas is drawn into the impeller through the streamlined inlet and pressurized directly, reducing efficiency losses caused by turbulence. They feature a wide high-efficiency range, low noise, and a more compact structure, saving installation space.

高强度的框架结构，重量轻，密封性好，拥有更好的外观度，同时可根据需求配置消音措施。

The high-strength frame structure offers lightweight construction, excellent sealing performance, and a superior aesthetic appearance; additionally, noise reduction measures can be configured according to specific requirements.

直联驱动拥有更高的传动效率、无易损件、维护率低、结构更紧凑的特点。皮带传动型的性能覆盖范围更为宽广，选型更正确，并可以根据现场需要灵活调节的特点。

Direct-drive systems offer higher transmission efficiency, no wear parts, lower maintenance requirements, and a more compact structure. In contrast, belt-driven systems provide a broader performance range, enable more accurate selection, and allow for flexible adjustment based on site-specific requirements.

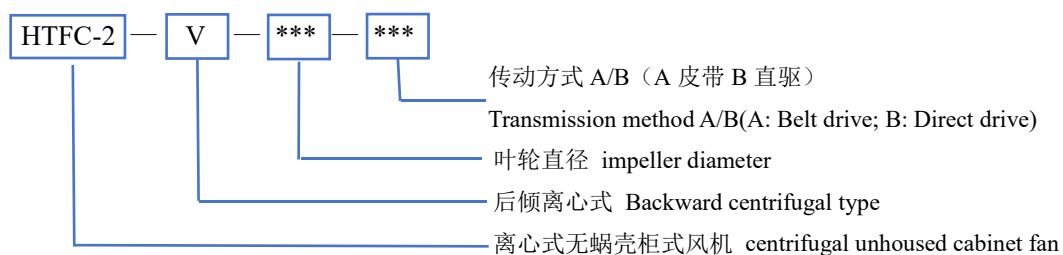
多种不同的出风方向，可满足各种不同的管网设计要求，让现场施工更为简便、灵活。

The availability of multiple air outlet directions allows for compliance with a wide range of pipeline network design requirements, making on-site installation more straightforward and flexible.

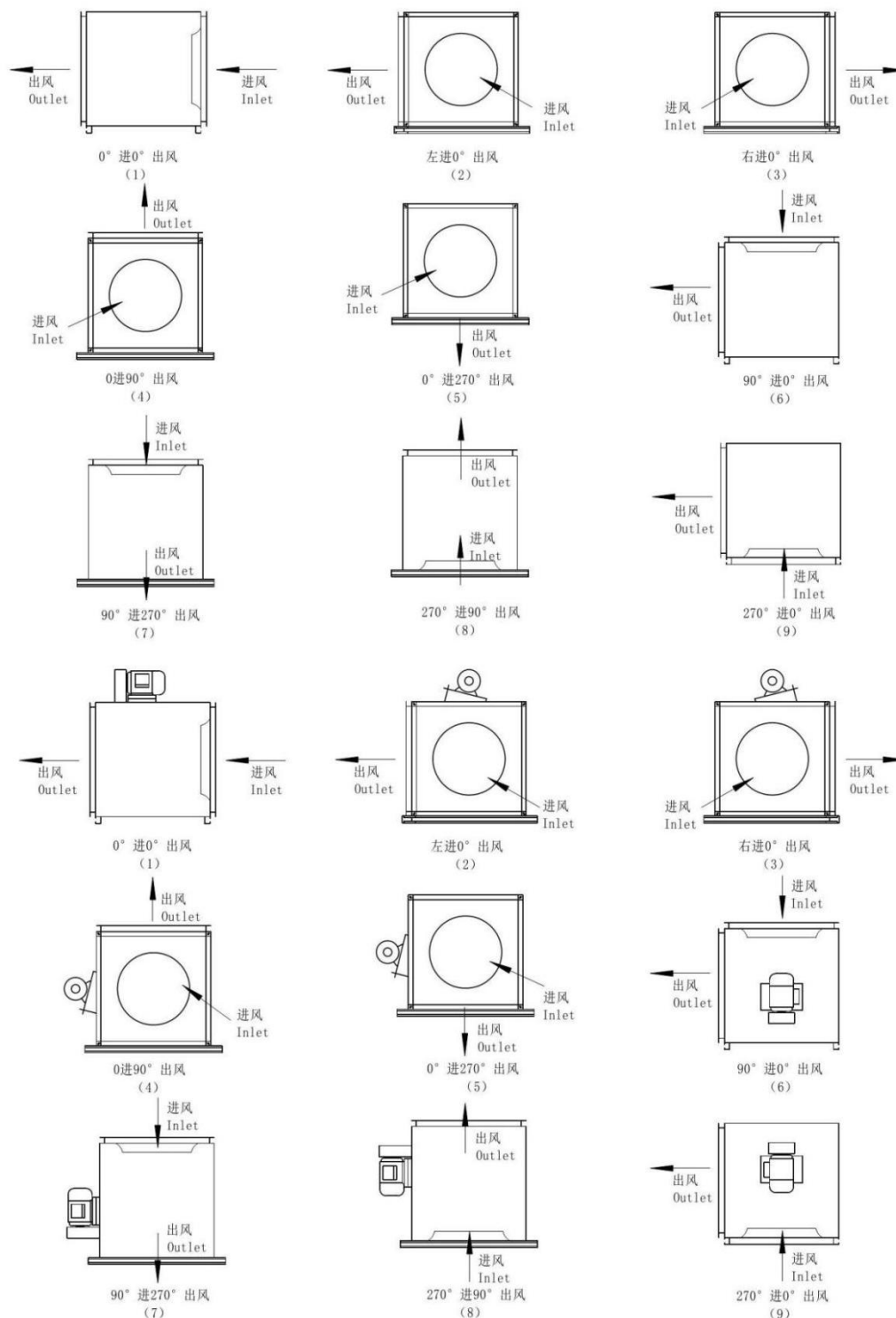
叶轮平衡等级高达 G2.5，大幅提升风机运转的平稳性。

The impeller balance grade reaches up to G2.5, significantly improving the smoothness of the fan's operation.

命名规范 Naming Conventions



风机风口设置 Inirt and Outlet Setup

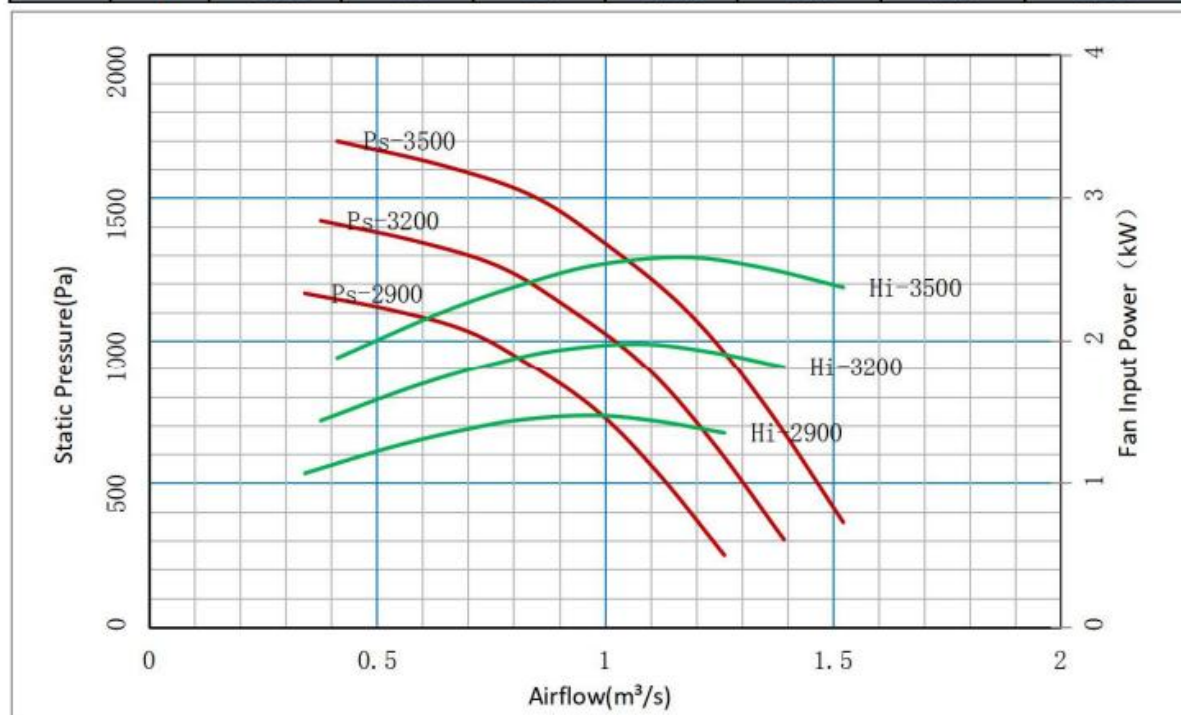


性能参数与曲线 Performance Parameters and Curves

HTFC-2-V-315 性能参数与曲线 Performance Parameters and Curves

叶轮直径 315 Impeller diameter 315 mm 出口面积 0.281 m² Outlet Area 0.281 m²

转速 speed N (rpm)	工况 serial number	风量 flow Q (m ³ /s)	全压 T- pressure Pt (Pa)	静压 S- pressure Ps (Pa)	轴功率 shaft power Hi (kW)	全压效率 Fan Total Efficiency η _{ti} (%)	静压效率 Fan Static Efficiency η _{si} (%)	通风机能效指数 Fan Energy Index (FEI _r)
2900	1	0.342	1167	1166	1.068	37.2	37.1	0.898
	2	0.539	1107	1105	1.256	47.2	47.1	1.019
	3	0.694	1039	1036	1.372	52.3	52.1	1.079
	4	0.815	939	934	1.439	52.9	52.6	1.077
	5	0.976	767	760	1.470	50.7	50.2	1.034
	6	1.112	553	543	1.431	42.8	42.1	0.910
	7	1.262	262	250	1.349	24.5	23.4	0.626
3200	1	0.377	1421	1420	1.434	37.2	37.1	0.856
	2	0.595	1348	1345	1.688	47.2	47.1	0.980
	3	0.766	1265	1261	1.844	52.3	52.1	1.041
	4	0.899	1143	1137	1.932	52.9	52.6	1.040
	5	1.077	934	925	1.975	50.7	50.2	0.996
	6	1.227	673	661	1.922	42.8	42.1	0.871
	7	1.393	319	304	1.813	24.5	23.4	0.584
3500	1	0.413	1700	1698	1.879	37.2	37.1	0.823
	2	0.651	1612	1610	2.209	47.2	47.1	0.950
	3	0.838	1513	1509	2.412	52.3	52.1	1.012
	4	0.984	1368	1360	2.531	52.9	52.6	1.011
	5	1.178	1117	1107	2.584	50.7	50.2	0.968
	6	1.342	805	791	2.514	42.8	42.1	0.842
	7	1.523	382	364	2.374	24.5	23.4	0.553



一功率额定值(kW)不包括传输(动)损失Power rating (kW) does not include transmission losses

一各项性能额定值不包括附件的影响 Performance ratings do not include the effects of accessories

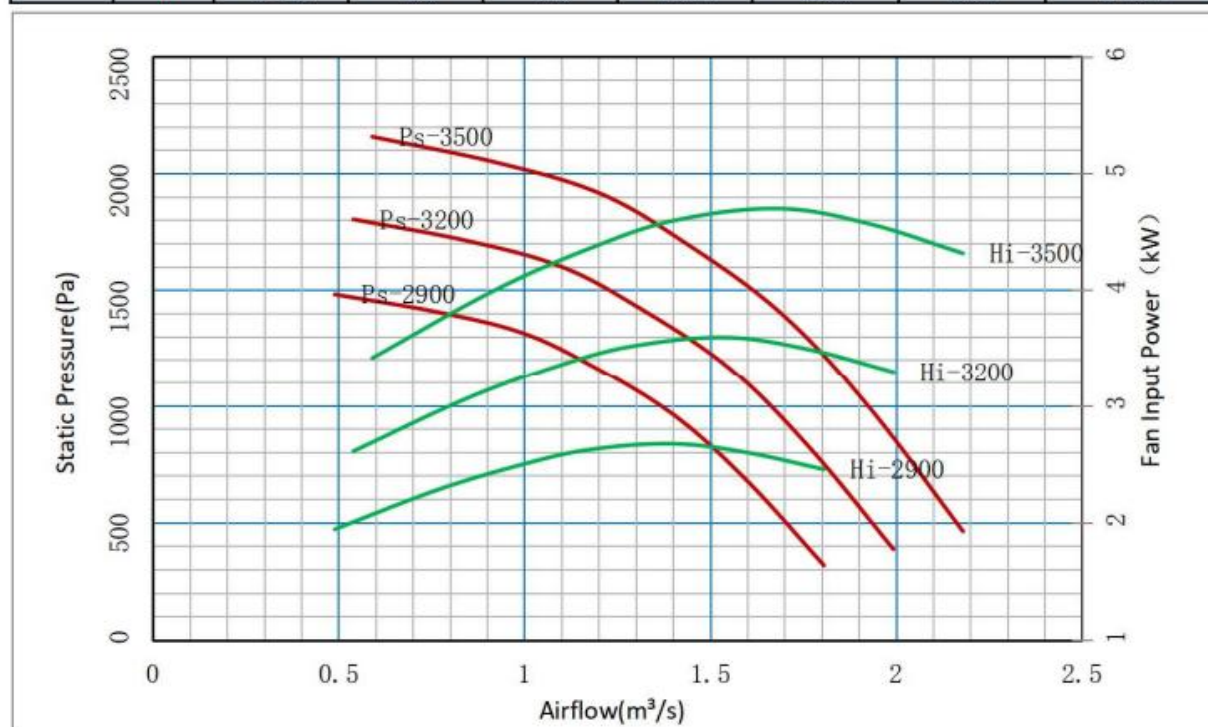
一经认证的性能是A类安装-自由入口, 自由出口, 有隔板 Performance certified is for installation type A: free inlet, free outlet with partition

一FEI_r 计算基于符合 ANSI/AMCA 208 标准的默认电机计算方法。FEI_r calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208

HTFC-2-V-355 性能参数与曲线 Performance Parameters and Curves

叶轮直径 355 Impeller diameter 355 mm 出口面积 0.356 m² Outlet Area 0.356 m²

转速 speed N (rpm)	工况 serial number	风量 flow Q (m ³ /s)	全压 T- pressure Pt (Pa)	静压 S- pressure Ps (Pa)	轴功率 shaft power Hi (kW)	全压效率 Fan Total Efficiency η _{ti} (%)	静压效率 Fan Static Efficiency η _{si} (%)	通风机能效指数 Fan Energy Index (FEI _r)
2900	1	0.490	1482	1481	1.943	37.2	37.1	0.802
	2	0.772	1406	1403	2.285	47.2	47.1	0.935
	3	0.993	1320	1316	2.494	52.3	52.1	1.002
	4	1.167	1193	1186	2.618	52.9	52.6	1.004
	5	1.397	974	965	2.672	50.7	50.2	0.965
	6	1.592	702	690	2.601	42.8	42.1	0.843
	7	1.806	333	318	2.454	24.5	23.4	0.561
3200	1	0.540	1805	1803	2.608	37.2	37.1	0.773
	2	0.851	1712	1709	3.067	47.2	47.1	0.908
	3	1.096	1607	1602	3.351	52.3	52.1	0.976
	4	1.287	1452	1444	3.514	52.9	52.6	0.978
	5	1.542	1186	1175	3.591	50.7	50.2	0.939
	6	1.756	855	840	3.494	42.8	42.1	0.816
	7	1.993	405	387	3.293	24.5	23.4	0.531
3500	1	0.591	2159	2157	3.414	37.2	37.1	0.751
	2	0.931	2048	2044	4.014	47.2	47.1	0.888
	3	1.199	1922	1917	4.385	52.3	52.1	0.956
	4	1.408	1737	1728	4.599	52.9	52.6	0.959
	5	1.686	1419	1406	4.698	50.7	50.2	0.919
	6	1.921	1023	1005	4.573	42.8	42.1	0.795
	7	2.180	485	463	4.314	24.5	23.4	0.508



一功率额定值(kW)不包括传输(动)损失Power rating (kW) does not include transmission losses

一各项性能额定值不包括附件的影响 Performance ratings do not include the effects of accessories

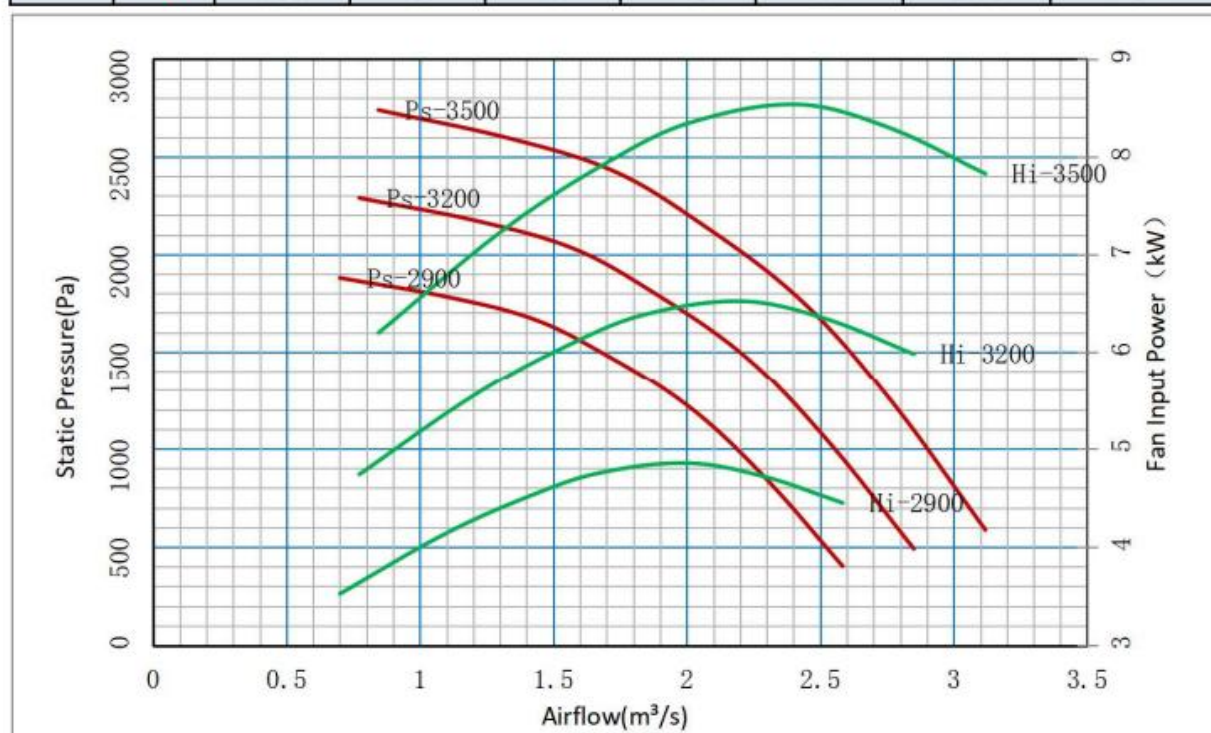
一经认证的性能是A类安装-自由入口, 自由出口, 有隔板 Performance certified is for installation type A: free inlet, free outlet with partition

一FEI_r 计算基于符合 ANSI/AMCA 208 标准的默认电机计算方法。FEI_r calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208

HTFC-2-V-400 性能参数与曲线 Performance Parameters and Curves

叶轮直径 400 Impeller diameter 400 mm 出口面积 0.453 m² Outlet Area 0.453 m²

转速 speed N (rpm)	工况 serial number	风量 flow Q (m ³ /s)	全压 T- pressure Pt (Pa)	静压 S- pressure Ps (Pa)	轴功率 shaft power Hi (kW)	全压效率 Fan Total Efficiency η _{ti} (%)	静压效率 Fan Static Efficiency η _{si} (%)	通风机能效指数 Fan Energy Index (FEI _r)
2900	1	0.700	1882	1880	3.525	37.2	37.1	0.737
	2	1.104	1785	1782	4.148	47.2	47.1	0.878
	3	1.421	1675	1671	4.529	52.3	52.1	0.950
	4	1.669	1514	1506	4.751	52.9	52.6	0.955
	5	1.998	1237	1225	4.853	50.7	50.2	0.919
	6	2.277	892	876	4.726	42.8	42.1	0.798
	7	2.584	422	403	4.449	24.5	23.4	0.516
3200	1	0.773	2291	2289	4.739	37.2	37.1	0.717
	2	1.218	2173	2170	5.571	47.2	47.1	0.860
	3	1.568	2040	2034	6.086	52.3	52.1	0.932
	4	1.841	1844	1834	6.383	52.9	52.6	0.938
	5	2.205	1506	1492	6.521	50.7	50.2	0.900
	6	2.512	1086	1066	6.348	42.8	42.1	0.778
	7	2.851	514	491	5.979	24.5	23.4	0.494
3500	1	0.845	2741	2739	6.198	37.2	37.1	0.702
	2	1.332	2600	2595	7.290	47.2	47.1	0.847
	3	1.715	2440	2433	7.962	52.3	52.1	0.919
	4	2.014	2205	2194	8.350	52.9	52.6	0.925
	5	2.412	1802	1785	8.535	50.7	50.2	0.887
	6	2.748	1299	1275	8.307	42.8	42.1	0.763
	7	3.119	615	587	7.826	24.5	23.4	0.477



一功率额定值(kW)不包括传输(动)损失Power rating (kW) does not include transmission losses

一各项性能额定值不包括附件的影响 Performance ratings do not include the effects of accessories

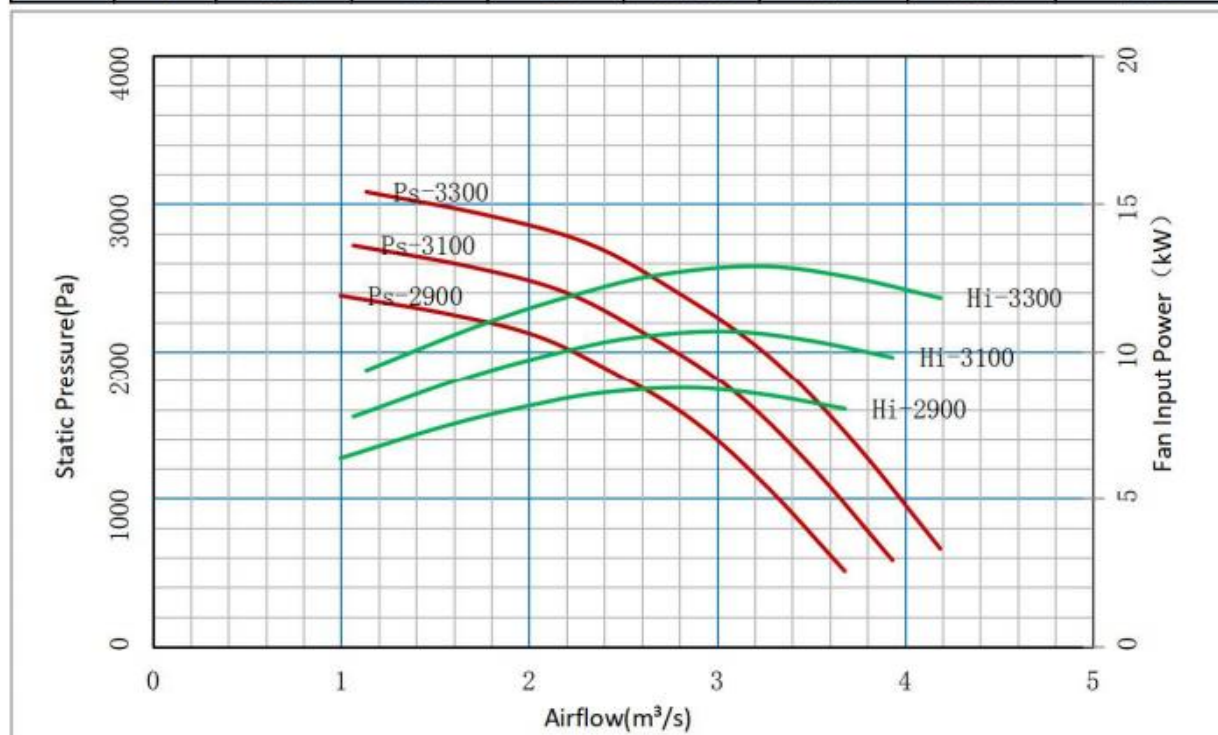
一经认证的性能是A类安装-自由入口, 自由出口, 有隔板 Performance certified is for installation type A: free inlet, free outlet with partition

一FEI_r 计算基于符合 ANSI/AMCA 208 标准的默认电机计算方法。FEI_r calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208

HTFC-2-V-450 性能参数与曲线 Performance Parameters and Curves

叶轮直径 450 Impeller diameter 450 mm 出口面积 0.573 m² Outlet Area 0.573 m²

转速 speed N (rpm)	工况 serial number	风量 flow Q (m ³ /s)	全压 T- pressure Pt (Pa)	静压 S- pressure Ps (Pa)	轴功率 shaft power Hi (kW)	全压效率 Fan Total Efficiency η _{ti} (%)	静压效率 Fan Static Efficiency η _{si} (%)	通风机能效指数 Fan Energy Index (FEI _r)
2900	1	0.997	2382	2380	6.355	37.2	37.1	0.693
	2	1.571	2259	2255	7.470	47.2	47.1	0.841
	3	2.023	2120	2114	8.160	52.3	52.1	0.915
	4	2.376	1916	1906	8.560	52.9	52.6	0.923
	5	2.845	1565	1551	8.743	50.7	50.2	0.888
	6	3.242	1129	1108	8.518	42.8	42.1	0.766
	7	3.679	535	510	8.030	24.5	23.4	0.484
3100	1	1.066	2721	2719	7.762	37.2	37.1	0.684
	2	1.680	2582	2577	9.131	47.2	47.1	0.832
	3	2.163	2423	2416	9.972	52.3	52.1	0.907
	4	2.540	2190	2178	10.460	52.9	52.6	0.914
	5	3.042	1789	1772	10.687	50.7	50.2	0.878
	6	3.466	1290	1266	10.405	42.8	42.1	0.756
	7	3.933	611	583	9.804	24.5	23.4	0.473
3300	1	1.135	3084	3081	9.367	37.2	37.1	0.676
	2	1.788	2925	2920	11.009	47.2	47.1	0.825
	3	2.302	2746	2738	12.028	52.3	52.1	0.900
	4	2.704	2481	2468	12.615	52.9	52.6	0.907
	5	3.238	2027	2008	12.889	50.7	50.2	0.871
	6	3.689	1461	1435	12.542	42.8	42.1	0.748
	7	4.187	692	661	11.821	24.5	23.4	0.463



一功率额定值(kW)不包括传输(动)损失Power rating (kW) does not include transmission losses

一各项性能额定值不包括附件的影响 Performance ratings do not include the effects of accessories

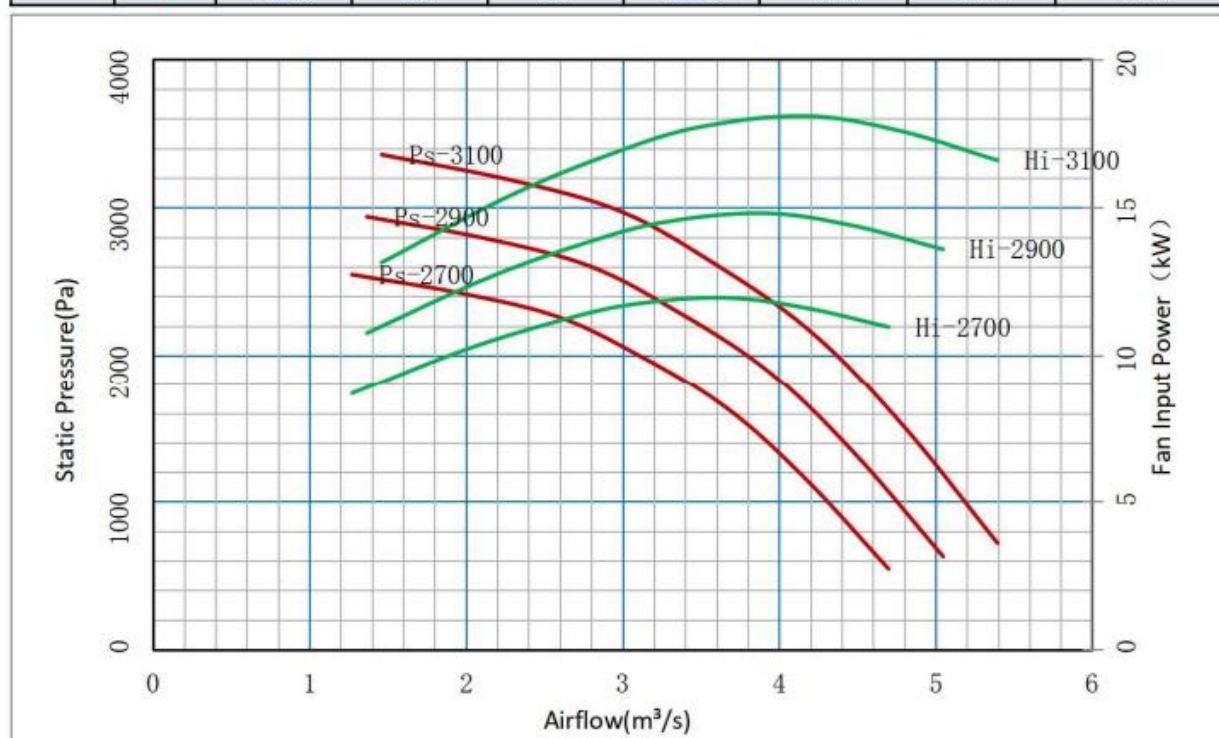
一经认证的性能是A类安装-自由入口, 自由出口, 有隔板 Performance certified is for installation type A: free inlet, free outlet with partition

一FEI_r 计算基于符合 ANSI/AMCA 208 标准的默认电机计算方法。FEI_r calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208

HTFC-2-V-500 性能参数与曲线 Performance Parameters and Curves

叶轮直径 500 Impeller diameter 500 mm 出口面积 0.707 m² Outlet Area 0.707 m²

转速 speed N (rpm)	工况 serial number	风量 flow Q (m ³ /s)	全压 T- pressure Pt (Pa)	静压 S- pressure Ps (Pa)	轴功率 shaft power Hi (kW)	全压效率 Fan Total Efficiency η _{ti} (%)	静压效率 Fan Static Efficiency η _{si} (%)	通风机能效指数 Fan Energy Index (FEI _t)
2700	1	1.273	2549	2547	8.683	37.2	37.1	0.674
	2	2.007	2418	2413	10.215	47.2	47.1	0.825
	3	2.584	2269	2263	11.156	52.3	52.1	0.902
	4	3.035	2051	2040	11.705	52.9	52.6	0.910
	5	3.634	1675	1660	11.953	50.7	50.2	0.876
	6	4.140	1208	1186	11.638	42.8	42.1	0.756
	7	4.699	572	546	10.966	24.5	23.4	0.474
2900	1	1.368	2940	2938	10.762	37.2	37.1	0.666
	2	2.156	2789	2784	12.658	47.2	47.1	0.818
	3	2.775	2618	2610	13.823	52.3	52.1	0.894
	4	3.259	2366	2353	14.499	52.9	52.6	0.903
	5	3.903	1932	1915	14.807	50.7	50.2	0.868
	6	4.447	1393	1368	14.415	42.8	42.1	0.747
	7	5.047	660	630	13.590	24.5	23.4	0.463
3100	1	1.462	3360	3357	13.145	37.2	37.1	0.659
	2	2.304	3187	3181	15.457	47.2	47.1	0.812
	3	2.967	2991	2983	16.885	52.3	52.1	0.888
	4	3.484	2703	2689	17.708	52.9	52.6	0.896
	5	4.172	2208	2188	18.089	50.7	50.2	0.861
	6	4.754	1592	1563	17.612	42.8	42.1	0.739
	7	5.395	754	720	16.596	24.5	23.4	0.454



一功率额定值(kW)不包括传输(动)损失Power rating (kW) does not include transmission losses

---各项性能额定值不包括附件的影响 Performance ratings do not include the effects of accessories

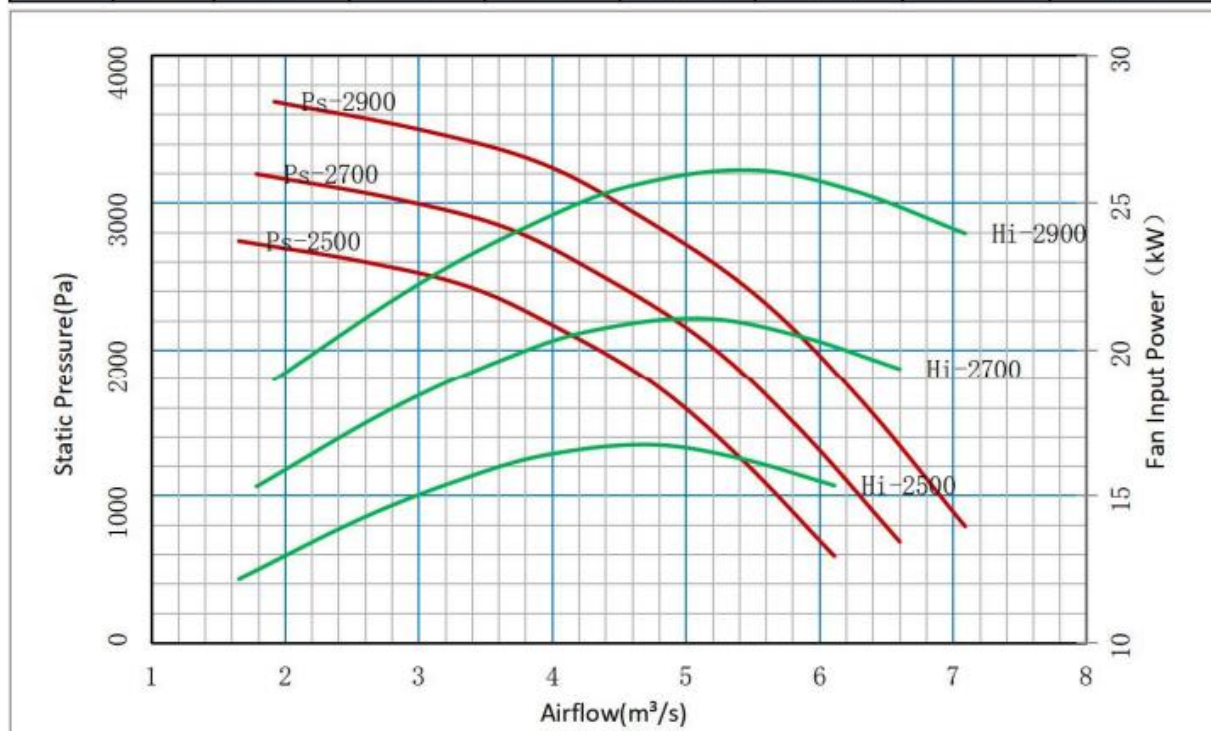
一经认证的性能是A类安装-自由入口, 自由出口, 有隔板 Performance certified is for installation type A: free inlet, free outlet with partition

一FEI_t 计算基于符合 ANSI/AMCA 208 标准的默认电机计算方法。FEI_t calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208

HTFC-2-V-560 性能参数与曲线 Performance Parameters and Curves

叶轮直径 560 Impeller diameter 560 mm 出口面积 0.887 m² Outlet Area 0.887 m²

转速 speed N (rpm)	工况 serial number	风量 flow Q (m ³ /s)	全压 T- pressure Pt (Pa)	静压 S- pressure Ps (Pa)	轴功率 shaft power Hi (kW)	全压效率 Fan Total Efficiency η _{ti} (%)	静压效率 Fan Static Efficiency η _{si} (%)	通风机能效指数 Fan Energy Index (FEI _r)
2500	1	1.657	2741	2739	12.154	37.2	37.1	0.658
	2	2.611	2600	2595	14.290	47.2	47.1	0.813
	3	3.362	2440	2433	15.609	52.3	52.1	0.890
	4	3.948	2205	2194	16.369	52.9	52.6	0.900
	5	4.727	1802	1785	16.727	50.7	50.2	0.867
	6	5.386	1299	1275	16.281	42.8	42.1	0.747
	7	6.113	615	587	15.338	24.5	23.4	0.465
2700	1	1.789	3197	3194	15.305	37.2	37.1	0.651
	2	2.820	3033	3027	18.004	47.2	47.1	0.806
	3	3.630	2846	2838	19.657	52.3	52.1	0.884
	4	4.263	2572	2559	20.617	52.9	52.6	0.893
	5	5.106	2101	2082	21.066	50.7	50.2	0.859
	6	5.817	1515	1488	20.508	42.8	42.1	0.738
	7	6.602	718	685	19.340	24.5	23.4	0.455
2900	1	1.922	3688	3685	18.968	37.2	37.1	0.646
	2	3.028	3499	3492	22.302	47.2	47.1	0.800
	3	3.899	3284	3274	24.363	52.3	52.1	0.878
	4	4.579	2968	2952	25.555	52.9	52.6	0.887
	5	5.484	2424	2402	26.104	50.7	50.2	0.853
	6	6.248	1748	1716	25.415	42.8	42.1	0.731
	7	7.091	828	790	23.955	24.5	23.4	0.446



一功率额定值(kW)不包括传输(动)损失Power rating (kW) does not include transmission losses

--各项性能额定值不包括附件的影响 Performance ratings do not include the effects of accessories

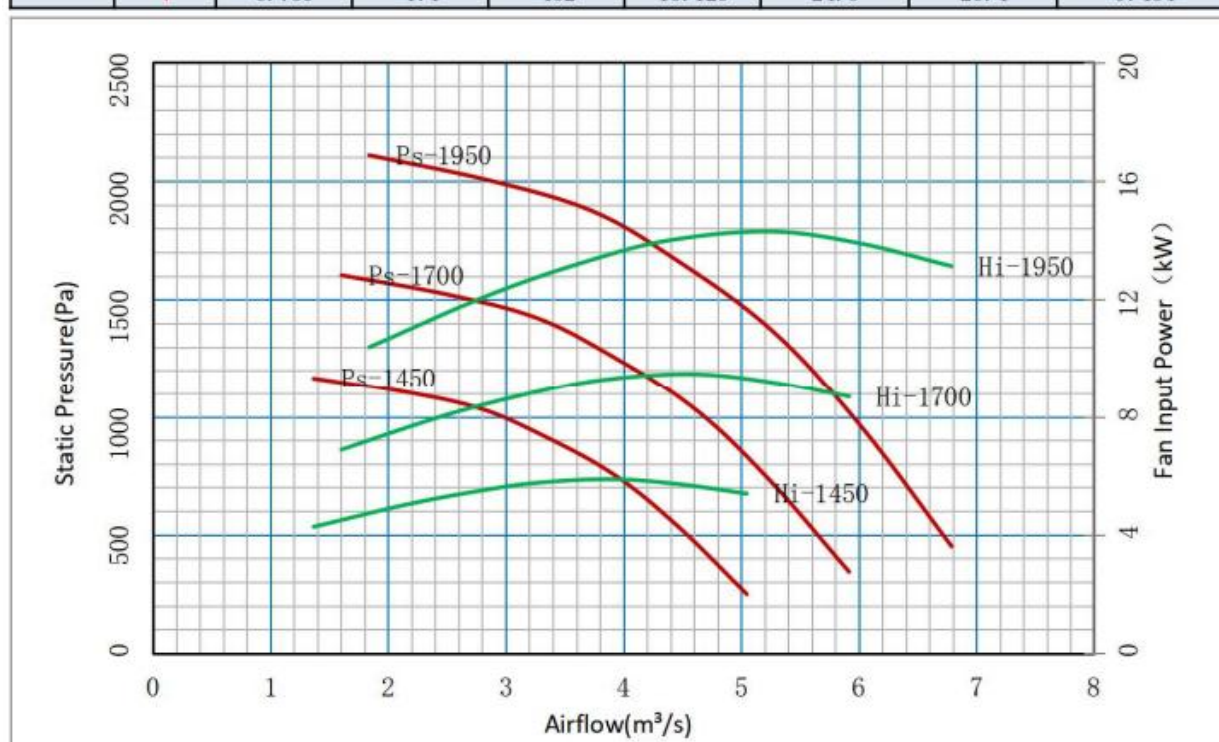
一经认证的性能是A类安装-自由入口, 自由出口, 有隔板 Performance certified is for installation type A: free inlet, free outlet with partition

一FEI_r 计算基于符合 ANSI/AMCA 208 标准的默认电机计算方法。FEI_r calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208

HTFC-2-V-630 性能参数与曲线 Performance Parameters and Curves

叶轮直径 630 Impeller diameter 630 mm 出口面积 1.124 m² Outlet Area 1.124 m²

转速 speed N (rpm)	工况 serial number	风量 flow Q (m ³ /s)	全压 T- pressure Pt (Pa)	静压 S- pressure Ps (Pa)	轴功率 shaft power Hi (kW)	全压效率 Fan Total Efficiency η _{ti} (%)	静压效率 Fan Static Efficiency η _{si} (%)	通风机能效指数 Fan Energy Index (FEI _r)
1450	1	1.368	1167	1166	4.272	37.2	37.1	0.705
	2	2.156	1107	1105	5.024	47.2	47.1	0.863
	3	2.776	1039	1036	5.488	52.3	52.1	0.945
	4	3.260	939	934	5.756	52.9	52.6	0.958
	5	3.904	767	760	5.880	50.7	50.2	0.933
	6	4.448	553	543	5.724	42.8	42.1	0.824
	7	5.048	262	250	5.396	24.5	23.4	0.559
1700	1	1.604	1604	1603	6.885	37.2	37.1	0.678
	2	2.528	1522	1519	8.099	47.2	47.1	0.835
	3	3.255	1428	1424	8.844	52.3	52.1	0.916
	4	3.822	1291	1284	9.278	52.9	52.6	0.928
	5	4.577	1054	1045	9.473	50.7	50.2	0.899
	6	5.215	760	746	9.223	42.8	42.1	0.785
	7	5.918	360	344	8.692	24.5	23.4	0.513
1950	1	1.840	2111	2109	10.394	37.2	37.1	0.661
	2	2.899	2002	1998	12.217	47.2	47.1	0.818
	3	3.733	1879	1874	13.346	52.3	52.1	0.898
	4	4.384	1698	1689	13.997	52.9	52.6	0.909
	5	5.250	1387	1375	14.299	50.7	50.2	0.878
	6	5.982	1000	982	13.921	42.8	42.1	0.761
	7	6.789	474	452	13.129	24.5	23.4	0.484



一功率额定值(kW)不包括传输(动)损失Power rating (kW) does not include transmission losses

一各项性能额定值不包括附件的影响 Performance ratings do not include the effects of accessories

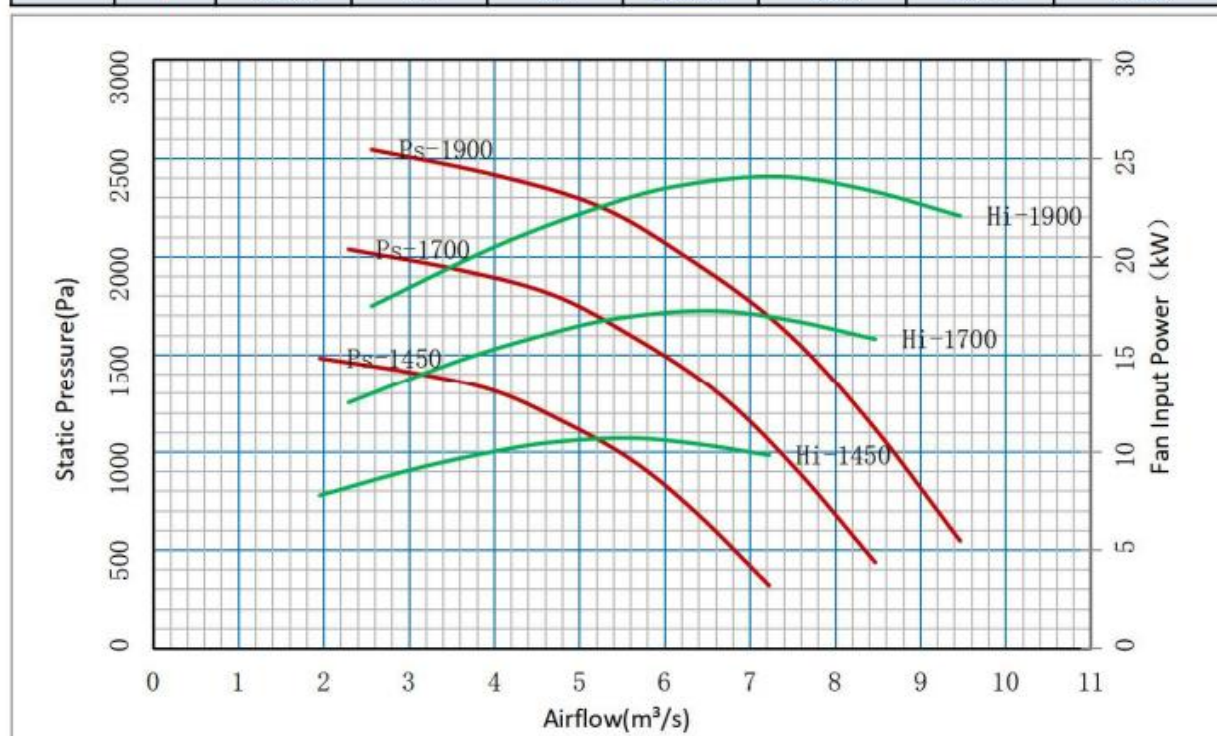
一经认证的性能是A类安装-自由入口, 自由出口, 有隔板 Performance certified is for installation type A: free inlet, free outlet with partition

一FEI_r 计算基于符合 ANSI/AMCA 208 标准的默认电机计算方法。FEI_r calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208

HTFC-2-V-710 性能参数与曲线 Performance Parameters and Curves

叶轮直径 710 Impeller diameter 710 mm 出口面积 1.428 m² Outlet Area 1.428 m²

转速 speed N (rpm)	工况 serial number	风量 flow Q (m ³ /s)	全压 T- pressure Pt (Pa)	静压 S- pressure Ps (Pa)	轴功率 shaft power Hi (kW)	全压效率 Fan Total Efficiency η ti (%)	静压效率 Fan Static Efficiency η si (%)	通风机能效指数 Fan Energy Index (FEI _t)
1450	1	1.958	1482	1481	7.765	37.2	37.1	0.672
	2	3.086	1406	1403	9.133	47.2	47.1	0.833
	3	3.973	1320	1316	9.979	52.3	52.1	0.915
	4	4.666	1193	1186	10.467	52.9	52.6	0.928
	5	5.588	974	965	10.688	50.7	50.2	0.901
	6	6.367	702	690	10.401	42.8	42.1	0.789
	7	7.226	333	318	9.817	24.5	23.4	0.519
1700	1	2.296	2037	2036	12.515	37.2	37.1	0.654
	2	3.618	1933	1929	14.722	47.2	47.1	0.813
	3	4.659	1814	1809	16.081	52.3	52.1	0.894
	4	5.471	1639	1631	16.861	52.9	52.6	0.906
	5	6.552	1339	1327	17.228	50.7	50.2	0.876
	6	7.464	965	948	16.761	42.8	42.1	0.760
	7	8.471	457	436	15.794	24.5	23.4	0.484
1900	1	2.566	2545	2543	17.475	37.2	37.1	0.644
	2	4.044	2414	2410	20.550	47.2	47.1	0.803
	3	5.207	2266	2259	22.451	52.3	52.1	0.883
	4	6.114	2048	2037	23.545	52.9	52.6	0.894
	5	7.322	1673	1657	24.055	50.7	50.2	0.863
	6	8.343	1206	1184	23.414	42.8	42.1	0.745
	7	9.468	571	545	22.057	24.5	23.4	0.466



一功率额定值(kW)不包括传输(动)损失Power rating (kW) does not include transmission losses

一各项性能额定值不包括附件的影响 Performance ratings do not include the effects of accessories

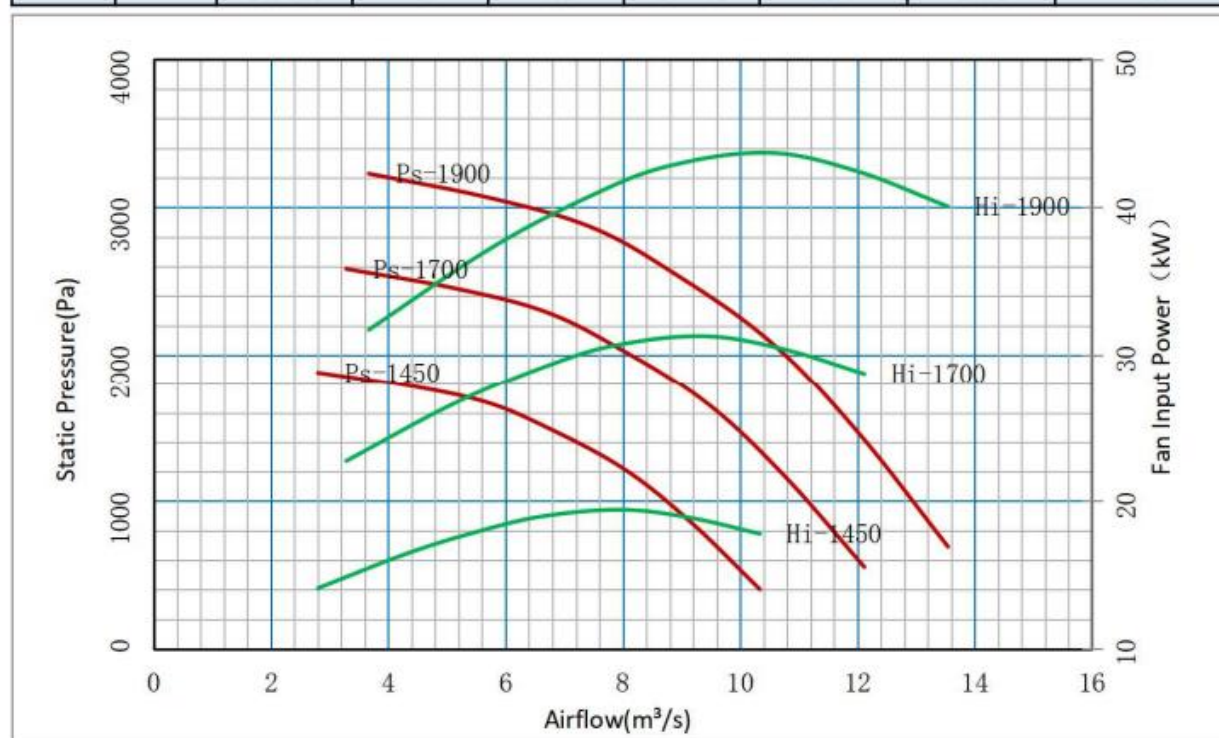
一经认证的性能是A类安装-自由入口, 自由出口, 有隔板 Performance certified is for installation type A: free inlet, free outlet with partition

一FEI_t 计算基于符合 ANSI/AMCA 208 标准的默认电机计算方法。FEI_t calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208

HTFC-2-V-800 性能参数与曲线 Performance Parameters and Curves

叶轮直径 800 Impeller diameter 800 mm 出口面积 1.812 m² Outlet Area 1.812 m²

转速 speed N (rpm)	工况 serial number	风量 flow Q (m ³ /s)	全压 T- pressure Pt (Pa)	静压 S- pressure Ps (Pa)	轴功率 shaft power Hi (kW)	全压效率 Fan Total Efficiency η _{ti} (%)	静压效率 Fan Static Efficiency η _{si} (%)	通风机能效指数 Fan Energy Index (FEI _r)
1450	1	2.801	1882	1880	14.106	37.2	37.1	0.650
	2	4.415	1785	1782	16.589	47.2	47.1	0.812
	3	5.684	1675	1671	18.115	52.3	52.1	0.894
	4	6.675	1514	1506	19.003	52.9	52.6	0.907
	5	7.994	1237	1225	19.418	50.7	50.2	0.879
	6	9.108	892	876	18.906	42.8	42.1	0.764
	7	10.336	422	403	17.796	24.5	23.4	0.490
1700	1	3.284	2587	2584	22.734	37.2	37.1	0.637
	2	5.176	2454	2449	26.738	47.2	47.1	0.797
	3	6.664	2303	2296	29.202	52.3	52.1	0.879
	4	7.826	2081	2070	30.623	52.9	52.6	0.891
	5	9.372	1700	1685	31.286	50.7	50.2	0.860
	6	10.678	1226	1204	30.464	42.8	42.1	0.742
	7	12.118	581	554	28.725	24.5	23.4	0.463
1900	1	3.670	3231	3228	31.731	37.2	37.1	0.630
	2	5.785	3065	3059	37.324	47.2	47.1	0.790
	3	7.448	2877	2868	40.772	52.3	52.1	0.870
	4	8.747	2600	2586	42.763	52.9	52.6	0.882
	5	10.475	2124	2104	43.690	50.7	50.2	0.850
	6	11.934	1531	1503	42.518	42.8	42.1	0.730
	7	13.544	725	692	40.062	24.5	23.4	0.449



一功率额定值(kW)不包括传输(动)损失Power rating (kW) does not include transmission losses

一各项性能额定值不包括附件的影响 Performance ratings do not include the effects of accessories

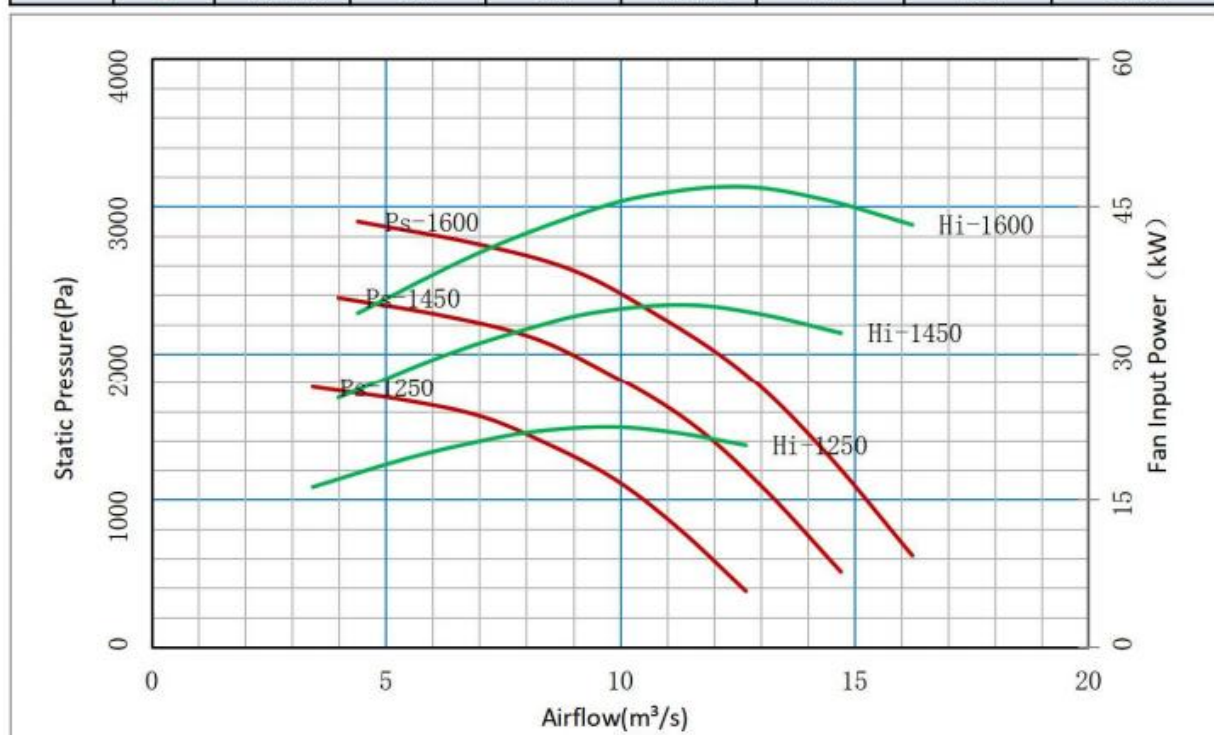
一经认证的性能是A类安装-自由入口, 自由出口, 有隔板 Performance certified is for installation type A: free inlet, free outlet with partition

一FEI_r 计算基于符合 ANSI/AMCA 208 标准的默认电机计算方法。FEI_r calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208

HTFC-2-V-900 性能参数与曲线 Performance Parameters and Curves

叶轮直径 900 Impeller diameter 900 mm 出口面积 2.292 m² Outlet Area 2.292 m²

转速 speed N (rpm)	工况 serial number	风量 flow Q (m ³ /s)	全压 T- pressure Pt (Pa)	静压 S- pressure Ps (Pa)	轴功率 shaft power Hi (kW)	全压效率 Fan Total Efficiency η _{ti} (%)	静压效率 Fan Static Efficiency η _{si} (%)	通风机能效指数 Fan Energy Index (FEI _T)
1250	1	3.438	1770	1768	16.284	37.2	37.1	0.647
	2	5.419	1679	1676	19.152	47.2	47.1	0.811
	3	6.977	1576	1571	20.922	52.3	52.1	0.894
	4	8.193	1424	1417	21.938	52.9	52.6	0.908
	5	9.812	1163	1153	22.408	50.7	50.2	0.881
	6	11.179	839	824	21.826	42.8	42.1	0.767
	7	12.687	397	379	20.549	24.5	23.4	0.494
1450	1	3.988	2382	2380	25.420	37.2	37.1	0.635
	2	6.286	2259	2255	29.891	47.2	47.1	0.797
	3	8.093	2120	2114	32.646	52.3	52.1	0.879
	4	9.504	1916	1906	34.240	52.9	52.6	0.892
	5	11.382	1565	1551	34.979	50.7	50.2	0.862
	6	12.968	1129	1108	34.070	42.8	42.1	0.746
	7	14.717	535	510	32.124	24.5	23.4	0.468
1600	1	4.401	2900	2897	34.153	37.2	37.1	0.629
	2	6.936	2751	2746	40.165	47.2	47.1	0.790
	3	8.931	2582	2574	43.877	52.3	52.1	0.871
	4	10.488	2333	2321	46.009	52.9	52.6	0.884
	5	12.559	1906	1889	47.006	50.7	50.2	0.853
	6	14.309	1374	1349	45.752	42.8	42.1	0.734
	7	16.240	651	621	43.134	24.5	23.4	0.454



一功率额定值(kW)不包括传输(动)损失Power rating (kW) does not include transmission losses

--各项性能额定值不包括附件的影响 Performance ratings do not include the effects of accessories

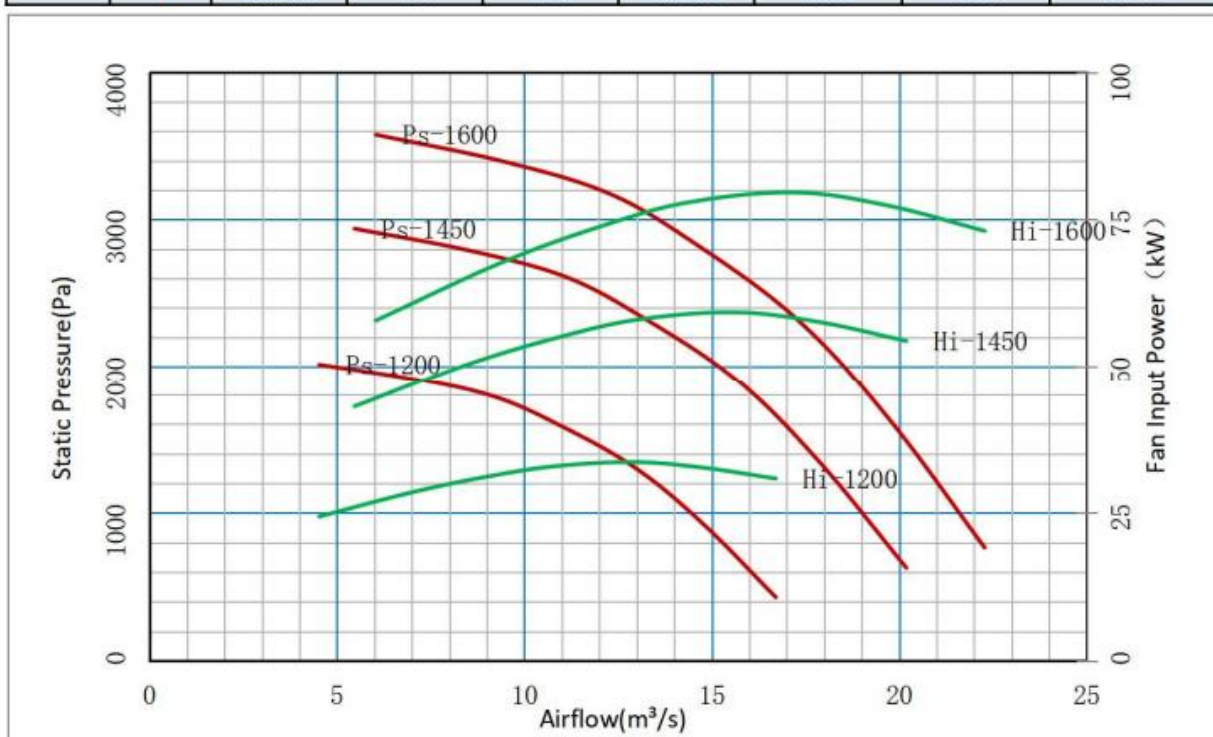
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一FEI_T 计算基于符合 ANSI/AMCA 208 标准的默认电机计算方法。FEI_T calculation is based on default motor calculation in accordance with ANSI/AMCA Standard 208

HTFC-2-V-1000 性能参数与曲线 Performance Parameters and Curves

叶轮直径 1000 mm Impeller diameter 1000 mm 出口面积 2.832 m² Outlet Area 2.832 m²

转速 speed N (rpm)	工况 serial number	风量 flow Q (m ³ /s)	全压 T- pressure Pt (Pa)	静压 S- pressure Ps (Pa)	轴功率 shaft power Hi (kW)	全压效率 Fan Total Efficiency η _{ti} (%)	静压效率 Fan Static Efficiency η _{si} (%)	通风机能效指数 Fan Energy Index (FEI _r)
1200	1	4.528	2014	2012	24.403	37.2	37.1	0.638
	2	7.136	1910	1907	28.691	47.2	47.1	0.801
	3	9.188	1793	1788	31.346	52.3	52.1	0.885
	4	10.790	1620	1612	32.868	52.9	52.6	0.898
	5	12.921	1324	1311	33.594	50.7	50.2	0.870
	6	14.722	954	937	32.683	42.8	42.1	0.756
	7	16.707	452	431	30.810	24.5	23.4	0.480
1450	1	5.471	2940	2938	43.042	37.2	37.1	0.625
	2	8.622	2789	2784	50.619	47.2	47.1	0.787
	3	11.102	2618	2610	55.303	52.3	52.1	0.869
	4	13.038	2366	2353	58.005	52.9	52.6	0.881
	5	15.613	1932	1915	59.233	50.7	50.2	0.851
	6	17.789	1393	1368	57.665	42.8	42.1	0.733
	7	20.188	660	630	54.361	24.5	23.4	0.452
1600	1	6.037	3580	3577	57.833	37.2	37.1	0.621
	2	9.514	3396	3390	68.012	47.2	47.1	0.782
	3	12.250	3187	3178	74.284	52.3	52.1	0.863
	4	14.386	2881	2865	77.933	52.9	52.6	0.875
	5	17.228	2353	2332	79.603	50.7	50.2	0.843
	6	19.629	1696	1666	77.470	42.8	42.1	0.724
	7	22.277	804	767	73.074	24.5	23.4	0.441



一功率额定值(kW)不包括传输(动)损失Power rating (kW) does not include transmission losses

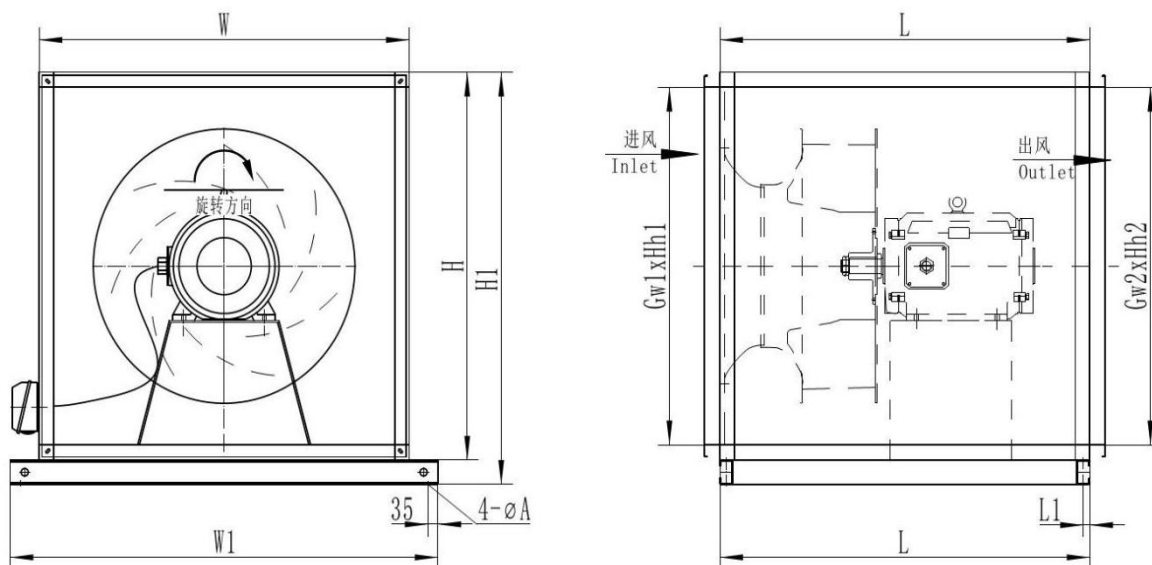
一各项性能额定值不包括附件的影响 Performance ratings do not include the effects of accessories

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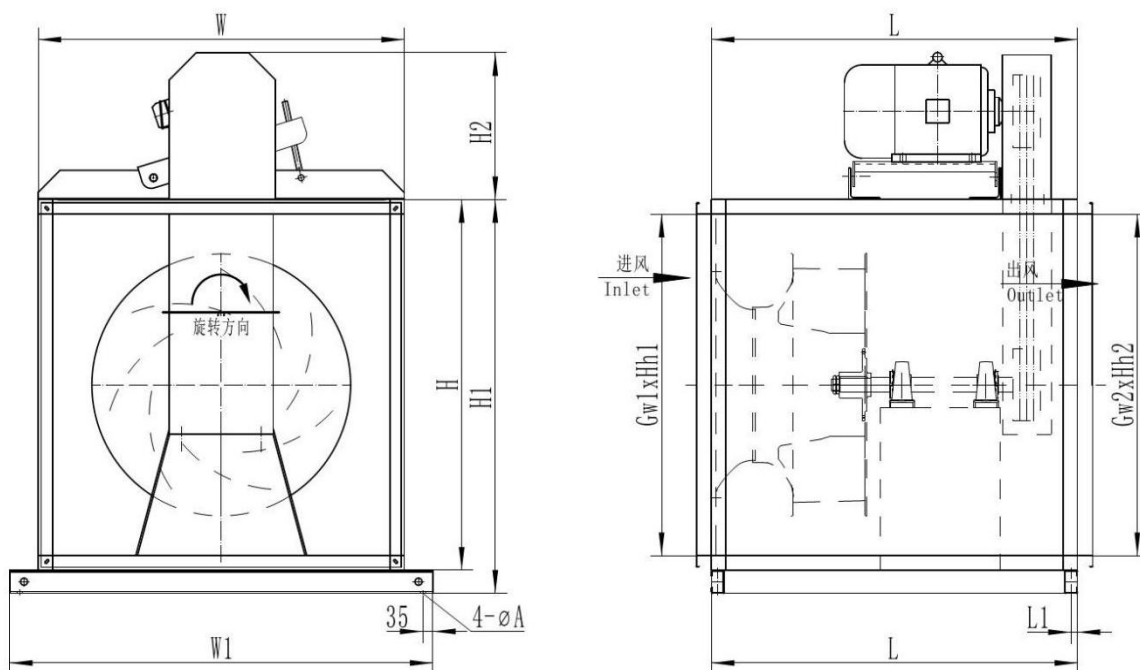
外形安装尺寸 Overall installation dimensions

1、传动方式 B（直驱） Transmission method B(Direct drive)



尺寸 型号	L	L1	W	W1	H	H1	Gw1 Gw2	Hh1 Hh2	ØA
HTFC-2-V-315	610	20	610	810	610	660	530	530	Ø14
HTFC-2-V-355	687	20	687	887	687	737	597	597	Ø14
HTFC-2-V-400	775	20	775	975	775	825	673	673	Ø14
HTFC-2-V-450	871	22.5	871	1071	871	931	757	757	Ø14
HTFC-2-V-500	1000	22.5	968	1168	968	1028	841	841	Ø14
HTFC-2-V-560	1150	22.5	1084	1284	1084	1144	942	942	Ø14
HTFC-2-V-630	1000	22.5	1220	1420	1220	1280	1060	1060	Ø14
HTFC-2-V-710	1140	22.5	1375	1575	1375	1435	1195	1195	Ø14
HTFC-2-V-800	1280	22.5	1549	1749	1549	1629	1346	1346	Ø16
HTFC-2-V-900	1400	22.5	1743	1943	1743	1823	1514	1514	Ø16
HTFC-2-V-1000	1580	22.5	1937	2137	1937	2037	1683	1683	Ø19

2、传动方式 A（皮带）Transmission method A(Belt drive)



尺寸 型号	L	L1	W	W1	H	H1	H2	Gw1 Gw2	Hh1 Hh2	∅A
HTFC-2-V-315	610	20	610	810	610	660	290	530	530	∅14
HTFC-2-V-355	687	20	687	887	687	737	300	597	597	∅14
HTFC-2-V-400	775	20	775	975	775	825	410	673	673	∅14
HTFC-2-V-450	871	22.5	871	1071	871	931	470	757	757	∅14
HTFC-2-V-500	1000	22.5	968	1168	968	1028	470	841	841	∅14
HTFC-2-V-560	1150	22.5	1084	1284	1084	1144	570	942	942	∅14
HTFC-2-V-630	1000	22.5	1220	1420	1220	1280	470	1060	1060	∅14
HTFC-2-V-710	1140	22.5	1375	1575	1375	1435	510	1195	1195	∅14
HTFC-2-V-800	1280	22.5	1549	1749	1549	1629	580	1346	1346	∅16
HTFC-2-V-900	1400	22.5	1743	1943	1743	1823	580	1514	1514	∅16
HTFC-2-V-1000	1580	22.5	1937	2137	1937	2037	620	1683	1683	∅19