SAYI 仨亿股份

工业风机 · 民用风机 · 空压机 Sanyi Electric Appliances

SAYI Blower

The power of wind

国家高新技术企业　浙江省专精特新中小企业　世界品质 浙江制造



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SAYI ELECTRIC CO., LTD.
SHANGHAI SATI-YIMAI TECH CO., LTD.

ENTERPRISE INTRODUCTION



Over 90000 square meters of building area

More than 32 senior technical personnel

More than 400 employees

More than 50 sets of large-scale processing equipment

Over 200 million years of output value

Overview

SAYI Electric Co., Ltd covers an area of 62,000 square meters with the building area more than 90,000 square meters whichmainly produce a series of Centrifugal Fan w/ Medium, Low, High pressure, Axial Blowers, Air conditioning fan, Mixed flow fan, Oblique flow fan, Boiler Fan, Industrial blower, etc. We have owned more than 1000 kinds of fans & blowers in 80 varieties since our beginning. We also accept any opportunity of OEM, ODM cooperation on different products whatever its standard or non-standard as request. Our location is in the New-Eastern-Area of Wenling City, Zhejiang Province. It is very convenient for your visiting and the prime location is away 2kw from Yanhai Expressway, 33kw from Yongtaiwen Expressway, 22kw from Wenling High-speed Railway Station 15kw from Yongtai High-speed Light Rail Station 18kw from Huangyan Airport.

Our registered capital is RMB 65 Million and Annual Value of Production is more than RMB 500 Million. The plant has the complete production facilities, advanced production technology and perfect testing equipment. There are more than 400 employees including 32 senior engineers and technicians.

There are a full set of advanced production line with more than 50 sets of Medium&Large equipment, such as Italy Sawani flexible automatic bending machine, Germany TRUMPF 2000 automatic CNC punching machine, Shenzhen Dazu CNC fiber laser cutting machine, Qingdao Dadong CNC turret punching machine, Aokan CNC spinning machine tool, CNCshearing machine, CNC bending machine, Plate opening machine, Giant hydraulic press, Wuxi Huadong 3.5 m vertical lathe, Japan OTC welding robot, assembly line, other CNC lathes, milling machines, punching machines and so on. We are professional and seriously to produce high-quality, competitive-price products for each customer in the world. Welcome you to approach us.

Our Honor and qualification as following. It can help you know us more in China.
A. The Key Enterprise of the State Economic and Trade Commission,
B. The Member of China Fan Association
C. The Standing member of Zhejiang Ecological and Environmental Restoration Technology Association
D. The Provincial High-tech enterprise
E. The Awards and Certificates won multiple issued by the fan branch of China General Machinery Association
F. The main Drafting Unit of “PIN Zhejiang Made Label”, Group standard ,"Standard of axial flow fan for baking room".

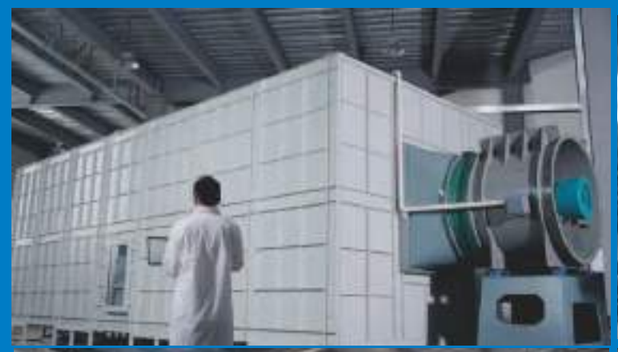
Quality Sayi, Integrity World. Your Option Our Glory.

PROCESSING MANAGEMENT

We are a comprehensive manufacturer of the industry Fan & Blower with strong technical power and excellent facilities who integrate R&D, Designing, Processing, Marketing, After-sale serving. We own a remarkable scientific research team, advanced modern efficient production line, a perfect quality management system and more than 50 sets advanced processing equipment from domestic and oversea.

We have a wide variety of fans that have many virtues such as low noise, high quality, excellent design, easy installation, easy maintenance, numerous varieties and so on. We attract a lot of our customers approaching us.

We are constantly challenge ourselves and developing many new products for the pumping industry, new technique, high quality standard to win more good reputation, reliance from customers and enhance the competitiveness in the world market.











Quality sayi
Blower icon

We will try our best to produce high-quality, energy-saving and eco-products for customers to build a solid mutual beneficiary business relationship and achieve industrial returns to society.

We will keep our philosophy “Market-oriented, Technology-guide, Customer-centric” to expand the markets of domestic & oversea by advanced science and technology, equipment, management.

SAYI 仨亿股份

ENTERPRISE CERTIFICATE

国家高新技术企业

世界品质 浙江制造

浙江省专精特新中小企业

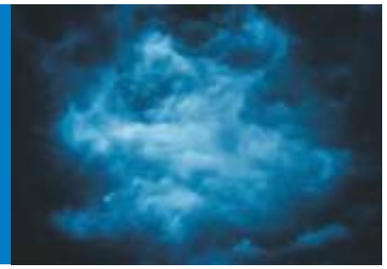


Certification of Awards of Sayi

Each award is growing with us showing you our hardworking and strength in nearly 30 years.
Each honor is a golden name-card for us and also a passport to each corner of the world.
Each certification is not only our guide post but also each trip what we travel.



PRODUCT CATALOG



01

Axial flow fan series

P01 T35-11 series Low-noise Axial Flow Fan
P03 T40-11 series Low-noise Axial Flow Fan
P05 KT40 series Axial flow Fan w/ External Motor
P06 SF series Low-noise Axial Flow Fan
P07 SF-12 series Baking High-temperature Axial Flow Fan
P09 YWF series Low-noise Axial flow Fan w/ External Rotor
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P12 DFBZ(XBDZ) series Square Wall Axial Flow Fan
P13 SDS series Tunnel Axial Flow Fan
P14 SYZ series Reversible Axial Flow Fan
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P17 SZ series Portable/Movable Pump Fan
P18 HHF series High-pressure Axial Flow Fan

02

Engineering blower series

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P25 SJG series Tunnel Oblique Flow Fan
P26 HTF-I || series Axial Flow Fan for Fire-fighting and Smoke-exhausting
P28 PYHL-14A series Axial Flow Fire Smoke Exhaust Fan
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P31 KDF series centrifugal fan
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03

Centrifugal ventilation Blower series

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P58 C6-48 series Dust-exhaust Centrifugal Fan
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P65 G6-41 Y6-41series Boiler Centrifugal Induced Draft Fan

04

Exhaust fan, negative-pressure blower, Blower,medium-pressure blower series

P67 CZR series Taiwan-style Alumi-shell Blowe

Advanced Technology
Superior Quality

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T35-11

Low-noise Axial Flow Fan

Product overview

T35-11 New generation Axial Flow Fan, designed by Modeling &Testing, High-efficiency and Low-noise, widely used in general industrial and mining enterprises, warehouses, offices and civil buildings for better ventilation or radiator heat dissipation.
FT35-11 Anti-corrosion Axial Flow Fan, Made of Fiber-glass, used for corrosive-gas carrying.
BT35-11 Explosion-proof Axial Flow Fan, Used for Flammable &Explosive gas carrying.
Certificate of Explosion-Proof No. is CNEx07.0482.
FBT35-11 Anti-corrosion and Explosion-proof Axial Flow Fan, used for corrosive-gas, Flammable &Explosive gas carrying.

Working conditions

Temperature: -20-+40°C
Relative humidity: less than 90%

Gas condition

Regular type: non-corrosion, non-flammable, non-explosive gas condition.
(dust less than 100mg/m^3).
Explosion-proof type: non-corrosion, explosion& flammable gas condition.
(dust less than 100mg/m^3).
Anti-corrosion type: corrosion gas condition. (dust-free).
Power supply: 3phase, 380v/50hz, can be customized 220v/50hz, single phase as request.

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

T35-11 series low-noise axial flow fan
Performance parameter table

№	Rotational speed (rpm)	Blade angle (deg)	Air volume (m³/h)	Wind pressure (Pa)	Motor power (kW)	Noise dB(A)
2.8	2900	15	1649	152	0.12	70
		20	2167	169	0.18	72
		25	2685	174	0.18	73
		30	2921	186	0.18	74
		35	3202	232	0.25	75
	1450	15	826	38	0.025	55
		20	1086	43	0.025	57
		25	1346	44	0.025	59
		30	1464	48	0.04	60
		35	1605	60	0.04	62
3.15	2900	15	2339	192	0.18	74
		20	3070	214	0.25	76
		25	3810	220	0.37	77
		30	4141	237	0.37	78
		35	4545	294	0.55	79
	1450	15	1169	49	0.025	59
		20	1537	53	0.04	61
		25	1905	55	0.04	62
		30	2072	59	0.06	63
		35	2273	74	0.09	65
3.55	2900	15	3367	241	0.37	76
		20	4426	272	0.55	79
		25	5484	279	0.55	80
		30	5965	300	0.75	81
		35	6542	373	1.1	82
	1450	15	1680	61	0.04	61
		20	2208	68	0.06	63
		25	2737	70	0.09	65
		30	2977	75	0.09	66
		35	3265	93	0.12	68
4	2900	15	4806	310	0.55	79
		20	6316	345	1.1	80
		25	7826	354	1.1	83
		30	8513	380	1.1	84
		35	9336	474	1.5	85
	1450	15	2406	77	0.09	65
		20	3163	86	0.12	67
		25	3920	88	0.12	68
		30	4263	95	0.18	69
		35	4678	119	0.25	70
4.5	1450	15	3427	98	0.12	68
		20	4504	110	0.18	70
		25	5881	113	0.25	71
		30	6070	121	0.37	72
		35	6658	150	0.37	73
5	1450	15	4700	122	0.25	71
		20	6178	135	0.37	73
		25	7655	138	0.37	74
		30	8327	149	0.55	75
		35	9133	185	0.75	73
	960	15	3142	53	0.25	62
		20	4129	59	0.25	64
		25	5117	61	0.25	65
		30	5566	65	0.25	66
		35	6104	81	0.25	68

№	Rotational speed (rpm)	Blade angle (deg)	Air volume (m³/h)	Wind pressure (Pa)	Motor power (kW)	Noise dB(A)
5.6	1450	15	6595	151	0.37	73
		20	8667	169	0.55	75
		25	10379	174	0.75	77
		30	11682	186	1.1	77
		35	12812	232	1.1	79
	960	15	4362	67	0.25	64
		20	5370	74	0.25	66
		25	7101	76	0.25	67
		30	7724	81	0.25	69
		35	8471	101	0.37	71
6.3	1450	15	9393	192	0.75	77
		20	12345	214	1.1	79
		25	15297	220	1.5	80
		30	16639	236	1.5	81
		35	18250	294	2.2	82
	960	15	6219	84	0.25	68
		20	8173	94	0.25	70
		25	10128	96	0.37	71
		30	11016	104	0.75	72
		35	12082	128	0.75	74
7.1	1450	15	13444	244	1.5	80
		20	17670	272	2.2	81
		25	21895	279	2.2	82
		30	23815	300	3	83
		35	26120	373	4	84
	960	15	8902	108	0.37	72
		20	11700	120	0.55	74
		25	17798	123	0.75	75
		30	15766	131	0.75	76
		35	17296	164	1.1	78
8	1450	15	19235	310	2.2	82
		20	25280	345	4	83
		25	31325	354	4	84
		30	34073	380	5.5	85
		35	37070	474	7.5	86
	960	15	12733	136	0.75	74
		20	16733	151	1.1	76
		25	20735	155	1.5	77
		30	22556	167	1.5	78
		35	24739	208	2.2	79
9	960	15	18132	172	1.5	78
		20	23830	191	2.2	79
		25	29529	196	3	80
		30	32119	211	3	81
		35	35227	263	4	82
10	960	15	24874	213	2.2	79
		20	32691	236	3	80
		25	40508	242	4	81
		30	44062	261	4	82
		35	48326	324	7.5	83
11.2	960	15	34944	267	4	83
		20	45927	297	5.5	84
		25	56909	304	7.5	85
		30	61091	337	7.5	86
		35	67892	407	11	88



T40-11
Low-noise Axial Flow Fan

Product overview

T40-11 series of fans, Simple-structure, Low-noise, Low-pressure, used in general industrial and mining enterprises, warehouses, offices and civil buildings for better ventilation or radiator heat dissipation. The products can be used as a normal fan without shell and can be used for increasing wind pressure to spaced Install-in -series in a longer pipeline.

Product features

Energy-efficient: T40-11 series of Low-noise Axial Flow Fan, Blades designed to be twisted, High-hub ratio, Motor Bracket w/ Less wind resistance. The air volume is large, the wind pressure is high, and the power consumption is low when they work based on the special design.

Low-noise: Super Low-noise, mostly be used in the quiet place as special requirement. For example, used in general industrial and mining enterprises, warehouses, offices and civil buildings for better ventilation or radiator heat dissipation.

Component: Impeller, Shell and Air-collector. The design ensures the stability and durability of the fan.

Multi-size: T40-11 Low-noise Axial Flow Fan, there are many selections for you to the impeller diameter and angle of fans to meet the different requirement in different place.

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Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

T40-11 series low-noise axial flow fan
Performance parameter table

№	Rotational speed (rpm)	Blade angle (deg)	Air volume (m^3/h)	Wind pressure (Pa)	Motor power (kW)	Noise dB(A)
2.5	2900	15	1130	125	0.09	67
		20	1451	138	0.09	69
		25	1861	140	0.12	70
		30	2009	149	0.12	71
		35	2272	184	0.18	73
	1450	15	565	31	0.25	52
		20	724	34	0.25	54
		25	932	35	0.25	55
		30	1012	37	0.25	56
		35	1141	46	0.25	58
3	2900	15	1951	180	0.18	72
		20	2498	199	0.25	74
		25	3218	202	0.25	74
		30	3481	215	0.37	76
		35	3931	266	0.55	77
	1450	15	976	45	0.09	57
		20	1249	50	0.09	59
		25	1609	51	0.09	61
		30	1739	54	0.09	61
		35	1958	67	0.09	64
3.5	2900	15	3100	245	0.37	76
		20	3971	272	0.55	78
		25	5119	274	0.55	79
		30	5519	292	0.75	80
		35	6239	363	1.1	81
	1450	15	1552	62	0.06	61
		20	1980	68	0.06	63
		25	2560	69	0.09	64
		30	2761	74	0.09	65
		35	3121	90	0.12	67
4	2900	15	4630	321	1.1	80
		20	5918	355	1.1	82
		25	7639	359	1.1	83
		30	8240	382	1.5	84
		35	9310	473	2.2	85
	1450	15	2318	80	0.25	65
		20	2959	88	0.25	67
		25	3820	90	0.25	68
		30	4118	95	0.25	69
		35	4658	119	0.25	72
5	1450	15	4522	125	0.75	71
		20	5789	138	0.75	73
		25	7448	140	0.75	74
		30	8050	149	0.75	75
		35	9090	184	0.75	77
	960	15	2992	54	0.25	62
		20	3830	61	0.25	64
		25	4939	62	0.25	65
		30	5332	66	0.25	66
		35	6019	81	0.25	68

№	Rotational speed (rpm)	Blade angle (deg)	Air volume (m^3/h)	Wind pressure (Pa)	Motor power (kW)	Noise dB(A)
6	1450	15	7808	180	1.1	62
		20	9990	200	1.1	64
		25	12899	200	1.1	65
		30	13900	215	1.5	66
		35	15700	267	2.2	68
	960	15	5159	79	0.75	67
		20	6610	87	0.75	69
		25	8867	88	0.75	71
		30	9202	94	0.75	72
		35	10400	117	0.75	74
7	1450	15	12398	245	1.5	78
		20	15901	272	1.5	79
		25	20498	274	2.2	80
		30	22100	294	3	81
		35	24998	363	4	83
	960	15	8201	108	0.75	71
		20	10501	119	0.75	73
		25	13500	121	0.75	74
		30	14602	128	0.75	75
		35	16499	159	1.1	76
8	1450	15	18500	321	3	79
		20	23699	355	4	80
		25	30499	359	4	81
		30	33001	381	5.5	83
		35	37379	473	7.5	84
	960	15	12301	140	1.1	75
		20	15700	156	1.1	77
		25	20200	158	1.1	78
		30	21802	168	1.5	79
		35	24700	208	2.2	80
9	960	15	17399	177	1.5	77
		20	22298	197	2.2	78
		25	28699	199	2.2	79
		30	31100	212	3	80
		35	35100	263	4	81
10	960	15	24001	220	2.2	79
		20	30701	243	3	80
		25	39499	246	4	81
		30	42700	262	5.5	82
		35	48200	323	7.5	83



KT40

Axial flow Fan w / External Motor

Product overview

KT40 series of Axial flow Fan, belt-driven, External Motor, the fan can be changed mechanical properties through the pulley speed by different customers. Mainly used for high-temperature gas extraction or carrying the oil, the smoke and the dusty gas.

KT40 series of Axial flow Fan refers to the mechanical parameter of T40 series of Axial flow Fan. Single-phase (S) or 3-phase (T) motors are available.

Performance parameter table

№	Rotational speed (rpm)	Blade angle (deg)	Air volume (m^3/h)	Wind pressure (Pa)	Motor power (kW)	Noise dB(A)
3	1450	30	1740	55	0.12	61
	2900	30	3480	219	0.55	76
4	1450	30	4120	97	0.25	69
	2900	30	8240	390	1.5	84
5	1450	30	8050	152	0.75	75
	960	30	5330	66	0.37	66
6	1450	30	13900	219	1.5	80
	960	30	9200	96	0.75	72
7	1450	30	22100	300	3	81
	960	30	14600	131	0.75	75
8	1450	30	33000	389	5.5	83
	960	30	21800	171	1.5	79
9	960	30	31100	212	3	80
10	960	30	42700	262	5.5	82

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION



SF

Low-noise Axial Flow Fan

Product overview

The SF series low-noise axial flow fan adopts a design method of starting from the sound source, low speed, and high pressure coefficient. It has been developed with large chord length, spatial distortion, and inclined wide blades, which can achieve the required air volume and pressure under low-speed driving. It has the characteristics of high efficiency, low vibration, and smooth operation. This series of products is widely used in industrial and mining enterprises, civil buildings for wall exhaust, post air supply, pipeline ventilation, roof ventilation, etc. It can also be applied to ventilation and air conditioning systems in industrial and mining enterprises such as chemical, light industry, food, medicine, metallurgy, and various civil buildings.

Performance parameter table

№	Rotational speed (rpm)	Air volume (m^3/h)	Wind pressure (Pa)	Motor power (kW)	Noise dB(A)
2	2800	1300	140	0.12	66
	1450	600	23	0.06	54
2.5	2800	2100	215	0.25	72
	1450	1000	35	0.09	60
3	2800	3000	230	0.37	74
	1450	2000	59	0.18	62
3.5	2800	6000	260	0.75	78
	1450	3000	78	0.25	65
4	2800	11000	320	1.5	83
	1450	5300	167	0.55	74
	1450	5300	167	0.37	74
	960	4200	90	0.25	68
4.5	1450	8000	160	0.55	69
	960	5300	100	0.25	65
5	1450	9300	200	0.75	78
	960	7700	120	0.37	73
	720	6000	80	0.25	64
5.5	1450	13000	200	1.1	75
	960	9000	120	0.37	68

№	Rotational speed (rpm)	Air volume (m^3/h)	Wind pressure (Pa)	Motor power (kW)	Noise dB(A)
6	1450	18700	300	2.2	85
	1450	15000	230	1.5	82
	960	13000	180	1.5	79
	720	9500	150	0.55	69
7	1450	24500	350	3	87
	960	21500	210	2.2	80
	720	14000	170	1.1	72
8	1450	28000	380	4	88
	960	25000	230	2.2	82
	720	20000	180	1.5	78
9	960	34000	200	4	83
	720	30000	150	2.2	78
	560	22000	100	1.1	71
10	960	50000	260	5.5	88
	720	38000	210	3	82
	560	30000	110	1.5	73





SF-12

Baking high-temperature Axial Flow Fan

Regular setting

1.Rated voltage 220V,220/440V,220/380/660V
2.Rated Frequency: 50HZ/60HZ
3.Run Model: Continuous s1 Running
4.Cooling Model: IC411
5.IP Level: IP54/IP55
6.Insulation Grade：F (155°C)，H(180°C)

Product overview

SF-12 series of baking high-temperature Axial Flow Fan, widely used in the plant of paint-production, tobacco-drying, wood-drying, rubber-production, pharmacy industry, the factories, workshops, studios, warehouses, basements and other high temperature & humidity places. The fan dose not only have the modern design, good-looking, superior performance but also the virtue of resisting high-temperature& humidity, large air-volume, high wind-pressure, low- noise, high-efficiency and easy-maintenance. The fans can carry non-corrosion, lower-dusty gas, the dust and solid particle of gas less than 150mg/m^3.

Performance parameter table

№	Rotational speed (rpm)	Air volume (m^3/h)	Full pressure (Pa)	Static pressure (Pa)	Motor power (kW)	Noise dB(A)
5	960/1450	6000/9000	91/210	75/170	0.65/0.85	≤65/74
6	960/1450	8300/12500	95/220	78/180	0.85/1.1	≤66/76
7	960/1450	13200/20000	110/260	100/230	1.5/2.2	≤74/80
8	960/1450	19800/30000	165/400	120/330	3/4	≤78/86
9	960/1450	23760/36000	175/430	150/360	4/5.5	≤83/88
10	960/1450	28000/42000	200/480	180/410	4/7.5	≤85/91

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

Performance parameter table of sf-12 series
Baking high-temperature axial flow fan

№	Rotational speed (rpm)	Air volume (m^3/h)	Full pressure (Pa)	Static pressure (Pa)	Electric machinery		Number of leaves	Noise dB(A)
					Motor model	Power(kW)		
2.5	2900	2200-1400	120-160	40-110	631-2	0.18	4	≤64
		2500-1500	130-170	50-116	632-2	0.25	4	≤65
3	1450	1600-1000	55-60	20-28	631-4	0.12	4	≤59
	2900	2950-1600	120-180	80-150	632-2	0.25	4	≤68
		3200-1800	140-200	90-170	633-2	0.37	4	≤68
	1450	2200-1200	60-80	30-60	631-4	0.12	4	≤61
3.5	2900	4500-2500	200-250	130-200	711-2	0.37	4	≤71
		5200-3000	250-280	150-220	712-2	0.55	4	≤72
4	1450	3500-2200	80-100	35-65	711-4	0.25	4	≤63
	2900	5500-3000	230-300	145-250	712-2	0.55	4	≤73
		6500-4000	250-330	145-270	801-2	0.75	4	≤74
		7500-5000	270-380	150-320	802-2	1.1	6	≤75
5	1450	4300-2500	80-106	40-80	711-4	0.25	4/6	≤66
		5000-2800	100-120	50-95	712-4	0.37	6	≤68
		5200-3200	110-130	70-90	713-4	0.55	6	≤68
	1450	7000-4500	110-140	70-114	712-4	0.37	4/6	≤69
		7500-5000	115-150	75-120	801-4	0.55	4/6	≤70
		8700-5400	140-170	80-137	802-4	0.75	6	≤4
		9000-6000	190-210	110-170	802-4	0.75	8	≤75
		9500-6500	200-220	135-175	90S-4	1.1	8	≤76
5.5	960	6300-4300	84-92	60-77	801-6	0.37	8	≤63
	1450	10000-6500	180-210	120-160	802-4	0.75	6	≤74
		11000-7500	190-210	125-165	90S-4	1.1	6	≤75
	960	7300-5000	80-88	50-73	801-6	0.37	6	≤65
6	1450	12500-7500	195-220	130-180	90S-4	1.1	4/6	≤76
		14500-9000	250-280	160-230	90L-4	1.5	6	≤78
		16000-10000	270-310	180-230	100L1-4	2.2	8	≤80
	960	8500-5000	90-100	70-80	801-6	0.37	6	≤66
		9600-6000	105-114	80-95	802-6	0.55	6	≤68
7	1450	18000-11000	170-250	100-210	90L-4	1.5	4	≤78
		20500-13000	200-275	120-230	100L1-4	2.2	4	≤80
		22100-14000	260-310	160-270	100L2-4	3	6	≤82
	960	14000-9000	90-120	60-96	90S-6	0.75	4	≤71
		15000-10000	100-130	65-98	90L-6	1.1	6	≤74
8	1450	25000-16000	200-320	100-280	100L1-4	2.2	6	≤80
		29000-20000	220-340	110-290	100L2-4	3	8	≤82
		32000-22000	300-400	170-340	112M-4	4	8	≤86
		35000-25000	320-420	175-360	132S-4	5.5	8	≤87
	960	21000-14500	130-175	75-150	100L-6	1.5	8	≤78
		24000-16500	140-190	78-155	112M-6	2.2	8	≤80
9	1450	37000-24000	300-450	180-370	132S-4	5.5	8	≤88
		40000-27000	320-470	185-380	132M-4	7.5	8	≤89
		42000-30000	330-480	190-385	160M-4	11	8	≤89
	960	26500-15000	170-205	105-150	112M-6	2.2	6	≤82
		29000-18000	180-230	110-180	132S-6	3	8	≤83
		32000-21000	210-250	127-210	132M1-6	4	8	≤83
		36000-23000	250-320	150-262	132M2-6	5.5	8	≤83
10	1450	42000-34000	330-470	200-400	132S-4	5.5	8	≤90
		46000-38000	350-480	210-410	132M-4	7.5	8	≤91
		52000-43000	400-500	220-415	160M-4	11	8	≤92
		56000-46000	490-610	230-480	160L-4	15	8	≤93
		60000-48000	500-640	260-500	180M-4	18.5	8	≤94
	960	33000-21000	200-230	130-180	132M1-6	4	8	≤85
		40000-27000	260-290	160-250	132M2-6	5.5	8	≤85
	730	32000-20000	150-180	110-135	132S-8	3	8	≤83
		38000-26000	170-200	115-145	160M1-8	4	8	≤83



YWF
Low-noise Axial flow Fan w / External Rotor

Product overview

YWF Low-noise Axial flow Fans w/ External Rotor are mainly composed of external rotor asynchronous motor, double flange cylinder shell, grid frame and wind blade. The fans are high-quality with large air volume, low vibration, low noise and safe running. The fan is mainly used for ventilation of the automatic ground control unit, large electronic equipment, medical equipment, computers, office automation, welding machines or the heat-dissipation of industries. The fans can be also used for ventilation, air-exchange, air-purification in buildings and workshops.

Type: Pipeline | Stationary | Post

Product features

YWF Low-noise Axial flow Fans w/ External Rotor are a high-efficiency ventilation equipment with some advantages.

A. Low-noise in running for its Active Noise Cancellation Technology.
B. Large flow and high pressure generated from efficient running for the creative design on its impeller feature.
C. Pretty appearance and low vibration.

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

Performance parameter table of
YWF series low-noise external rotor axial flow fan

№	Voltage (V)	Rotational speed (rpm)	Max air volume (m^3/h)	Permitted static pressure(Pa)	Input power (kW)	Electric current (V)	Noise dB(A)
YWF-200-2	220	2700	1080	115	70	0.33	57
	380	2650	1030	120	73	0.22	57
YWF-200-4	220	1450	780	60	50	0.23	50
	380	1450	780	60	40	0.2	50
YWF-250-2	220	2600	1850	190	145	0.55	65
	380	2550	1800	185	130	0.35	65
YWF-250-4	220	1400	1200	60	55	0.23	55
	380	1450	1250	60	50	0.23	55
YWF-300-2	220	2450	3250	200	195	1.10	65
	380	2550	3350	210	190	0.38	65
YWF-300-4	220	1400	1950	70	80	0.36	60
	380	1400	1950	70	70	0.25	60
YWF-350-2	220	2450	4750	225	350	1.70	73
	380	2550	4850	230	295	0.6	73
YWF-350-4	220	1400	3270	95	110	0.52	64
	380	1400	3270	95	100	0.5	64
YWF-400-2	220	2350	6480	240	460	2.2	75
	380	2350	6480	240	500	0.85	75
YWF-400-4	220	1400	4800	125	200	0.9	68
	380	1400	4800	125	180	0.7	68
YWF-450-4	220	1400	5410	155	240	1.3	70
	380	1350	5350	150	235	0.6	70
YWF-450-6	220	950	4650	100	135	0.55	60
	380	950	4650	100	110	0.55	60
YWF-500-4	220	1400	8850	190	420	2	75
	380	1350	8700	185	320	0.7	75
YWF-500-6	220	950	5800	125	290	1.35	65
	380	950	5800	125	230	0.9	65
YWF-550-4	220	1350	10800	215	600	2.85	75
	380	1350	10800	215	585	1.2	75
YWF-550-6	220	950	6500	135	245	1.25	68
	380	950	6500	135	240	1	68
YWF-600-4	220	1380	13000	230	700	3.3	75
	380	1380	13000	230	700	1.55	75
YWF-600-4	220	950	9600	150	300	1.4	75
	380	950	9600	150	255	1.1	70



DWEX(WEX)

Side-wall Ventilation& Exhaust Fan

Product overview

DWEX, also named WEX, the Side-wall Ventilation& Exhaust Fans have the unique design which combined with advanced forward-swept Impeller, exclusive direct-driven low-noise motor, square shell. The products can be easily installed on the concrete wall, brick wall or thin steel wall panel. The square shell can be as rain covers with a pretty outlooking and a solid structure.
The fans have the virtues of low-noise, large air-volume, safe-running, wide-usage easy installation.
The fans are widely used in the industry of plants, workshops and mines, the architectural side-wall ventilation. For special requirement, it can be made into an anti-corrosion and explosion-proof product.
Notice: This product is usual installed on side-wall position and better to match one 45° rain covers and one fly-net to prevent the insects entering workshop from it at night).
For example: Type DWSP(WSP), match one 90° rain covers and one fly-net
Accessory Shutter for selling, pls note when you place orders. (Shutter also called Gravity check air valve, to ensure that the workshop remains isolated from the outside when the fan turned off)

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

Performance parameter table

№	Air volume (m^3/h)	Full pressure (Pa)	Voltage (V)	Frequency (Hz)	Motor power (kW)	Rotational speed (rpm)
DWEX-250D4	1500	40	380	50	0.09	1420
DWEX-250E4	1500	40	220	50	0.09	1400
DWEX-300D4	1800	60	380	50	0.18	1400
DWEX-300E4	1600	60	220	50	0.18	1380
DWEX-350D4	3000	80	380	50	0.25	1380
DWEX-350E4	2800	80	220	50	0.25	1360
DWEX-400D4	5200	140	380	50	0.37	1400
DWEX-400E4	5000	140	220	50	0.37	1400
DWEX-450D4	7800	160	380	50	0.55	1400
DWEX-450E4	6300	160	220	50	0.55	1400
DWEX-500D4	9200	200	380	50	0.75	1450
DWEX-500E4	9000	200	220	50	0.75	1450
DWEX-550D4	13000	230	380	50	1.1	1450
DWEX-550E4	13000	230	220	50	1.1	1450
DWEX-600D4	18000	280	380	50	1.5	1450
DWEX-600D6	12000	120	380	50	0.55	960
DWEX-650D6	16500	150	380	50	0.75	960
DWEX-700D6	19000	180	380	50	1.1	960
DWEX-750D6	22500	210	380	50	1.5	960
DWEX-800D6	25000	230	380	50	2.2	960
DWEX-900D6	34000	260	380	50	3	960





DFBZ(XBDZ)

Square Wall Axial Flow Fan

Product overview

DFBZ series of fans, high-efficiency, low-noise, stability running. It is used as a side-wall exhaust fan in the industry of plants, workshops and mines, civil building, indoor stadium and all types of entertainment venues. The virtues and notice as following.
1. Pretty outlooking, easy installation, square body.
   Notice: Need Reserved Square Hole in the wall, installation from outer wall-side to the reserved wall hole, then fill up the suitable rubber or cork.
2. Aluminum alloy waterproof gap, to prevent the outer rain and wind from flying indoors.
3. Noise-reduction material is available. Unitary structure, Secure, Low vibration, Smooth Running, Low-noise.

Performance parameter table

№ Border size	Air volume (m^3/h)	Full pressure (Pa)	Motor power (kW-P)	Rotational speed (rpm)	Noise dB(A)	Weight (kg)
2.5 / 320*320	600	40	0.025	1450	≤57	15
	800	42	0.025	1450	≤58	15
	1000	54	0.04	1450	≤58	15
2.8 / 350*350	950	41	0.04	1450	≤55	18
	1230	45	0.04	1450	≤60	18
	1650	58	0.06	1450	≤60	20
3.2 / 390*390	1720	56	0.04	1450	≤61	21
	1940	62	0.06	1450	≤62	24
	2250	68	0.09	1450	≤63	27
3.6 / 430*430	2010	65	0.06	1450	≤62	28
	2480	73	0.09	1450	≤63	31
	3370	76	0.12	1450	≤63	35
4 / 470*470	3540	89	0.12	1450	≤62	37
	4080	95	0.18	1450	≤63	40
	4470	109	0.25	1450	≤63	41
4.5 / 520*520	4510	114	0.18	1450	≤64	42
	5870	121	0.25	1450	≤65	47
	6360	139	0.37	1450	≤66	49

№ Border size	Air volume (m^3/h)	Full pressure (Pa)	Motor power (kW-P)	Rotational speed (rpm)	Noise dB(A)	Weight (kg)
5 / 580*580	6170	135	0.25	1450	≤65	50
	6920	142	0.37	1450	≤66	55
	7890	147	0.55	1450	≤68	63
5.6 / 640*640	6400	78	0.37	960	≤69	61
	7410	82	0.37	960	≤69	68
	8060	94	0.37	960	≤70	68
6.3 / 710*710	9760	92	0.37	960	≤70	70
	10570	102	0.37	960	≤70	70
	12000	118	0.75	960	≤72	79
7.1 / 810*810	12400	132	0.75	960	≤72	85
	13430	146	1.1	960	≤75	92
	15240	169	1.1	960	≤73	74
8 / 910*910	15750	189	1.5	960	≤73	101
	17050	208	1.5	960	≤73	101
	19350	242	2.2	960	≤74	112



SDS
Tunnel Axial Flow Fan

Product overview
SDS series of fans, a kind of high-pressure, low-noise, high-efficiency axial flow fan, widely used as the ventilation for underground railway, railway tunnel, cave, underground works and buildings.
The series of fans are developed by the engineers of our company and the researcher of Shanghai Jiaotong University which sizes ranged from 350mm to 1120mm in line with impeller diameter. The fans are divided into 11 categories in different item no. and they are No3.5 / No4 / No4,5 / No5 / No5.6 / No6.3 / No7 / No8 / No9 / No10 / No11.2. For the product of some item no., can be customized in different impeller angle by customers.
The fans level of main technical indicators is equal to the similar foreign products confirmed by Professional testing institution
1. The fan is composed of impeller, air duct, motor and some connecting parts and supporting parts. It is a motor built-in structure and the impeller directly installed on the motor shaft with an assistant guide air flow leaf, Direct-driven.
2. Item No. notice:
SDF-8
SDF series of fans
Impeller diameter is 800mm
Ⅰ, Ⅱ, Ⅲ is in different leaf angle.

Performance parameter table

No	Air volume (m^3/h)	Full pressure (Pa)	Motor power (kW-P)	Rotational speed (rpm)	Noise dB(A)	Weight (kg)
SDS-3.5	4000	343	0.75	2900	74	50
SDS-4	5000	343	0.75	2900	75	62
SDS-4.5	6500	343	1.1	2900	76	70
SDS-5	8000	343	1.1	1450	77	85
SDS-5.6	12000	441	2.2	1450	81	105
SDS-6.3I	17000	490	3	1450	83	125
SDS-6.3II	18000	490	3	1450	83	125
SDS-7	26000	588	5.5	1450	87	165
SDS-8I	30000	441	5.5	1450	85	185
SDS-8II	30000	539	7.5	1450	86	200
SDS-9I	35000	588	7.5	960	88	225
SDS-9II	40000	588	11	1450	90	240
SDS-10I	40000	490	7.5	960	87	265
SDS-10II	48000	588	11	960	89	285
SDS-10III	50000	686	11	1450	90	285
SDS-11.2	60000	686	18.5	960	91	380

Features
STRONG WIND FORCE
LOW NOISE AND STABLE
STRONG POWER
HIGH AIR VOLUME
SAFETY PROTECTION



SYZ
Low Noise Reversible Axial Flow Fan

Product overview
SYZ series is a new generation product. The fans are designed on the basis of aerodynamic principle and manufactured in accordance with current cutting-edge processing technology. The structure of fans is logical, durability, security and functional.
The product has a large air-volume, wind high-pressure, low-noise, low power- consumption, light-weight and so on.
The product can get the same air volume whatever it is output in the positive and negative direction on the same position.
The blade Angle of product can be adjusted according to your required wind direction.

SYZ series fans, there are14 items from No.2.8 to No.11.2 and each fan has 8-14ps leaves. The fan is a kind of explosive-proof product and can carry the flammable& explosive gas while install it on the explosive-proof motor.

SYZ series of fans is made of PP material that effective on anti-corrosion. The fan can carry the gas mixed with acid, alkali and salt.

Product features
A. Low-noise
To lower noise, a low-noise design is based on the principles of aeroacoustics by optimizing air flue to lessen airflow resistance and instability.

B. Eco-efficiency

C. Wide Usage
For the virtue of fan, it is widely used in the different place like air-condition system, industry ventilation, fire-fighting.

D. Structure
The fan is easy to install and can be used in a small space where it is limited.

Performance parameter table of
SYZ series low-noise reversible axial flow fan

№	Rotational speed (rpm)	Motor power (kW-P)	Air volume (m^3/h)	Wind pressure (Pa)
2.8	2850	0.12-2Three-phase	1224	128
	2850	0.18-2Three-phase	1742	141
	2850	0.25-2Three-phase	2495	165
	1450	0.025-4Three-phase	613	32
	1450	0.04-4Three-phase	1251	41.2
3.15	2850	0.18-2Three-phase	1940	170.1
	2850	0.25-2Three-phase	2681	186.6
	2850	0.37-2Three-phase	3418	189.2
	2850	0.55-2Three-phase	4115	247.2
	1450	0.025-4Three-phase	972	42.5
	1450	0.04-4Three-phase	1340	46.6
	1450	0.06-4Three-phase	1877	54.9
	1450	0.09-4Three-phase	2076	61.7
3.55	2850	0.37-2Three-phase	2783	216.1
	2850	0.55-2Three-phase	3839	237
	2850	0.75-2Three-phase	4895	240.3
	2850	1.1-2Three-phase	5951	313.6
	1450	0.04-4Three-phase	1394	54
	1450	0.06-4Three-phase	1923	59.2
	1450	0.09-4Three-phase	2452	60.2
	1450	0.12-4Three-phase	2981	78.4
4	2850	0.75-2Three-phase	3980	274.3
	2850	1.1-2Three-phase	5489	300.9
	2850	1.5-2Three-phase	7685	354
	1450	0.09-4Three-phase	1993	68.6
	1450	0.12-4Three-phase	2749	75.2
	1450	0.18-4Three-phase	3505	76.2
	1450	0.25-4Three-phase	4261	99.5
4.5	1450	0.12-4Three-phase	2838	86.8
	1450	0.18-4Three-phase	3914	95.2
	1450	0.25-4Three-phase	4991	96.5
	1450	0.37-4Three-phase	5480	112
	1450	0.37-4Three-phase	6067	126
5	1450	0.25-4Three-phase	4289	112.6
	1450	0.37-4Three-phase	5763	124.8
	1450	0.55-4Three-phase	7273	129.6
	1450	0.75-4Three-phase	8712	164.6
	960	0.37-6Three-phase	5768	71.8
5.6	1450	0.37-4Three-phase	6025	140.9
	1450	0.55-4Three-phase	8097	156.1
	1450	0.75-4Three-phase	10168	162.6
	1450	1.1-4Three-phase	12239	206
	960	0.37-6Three-phase	8103	90.3
6.3	1450	0.75-4Three-phase	8579	178.3
	1450	1.1-4Three-phase	11528	197.6
	1450	1.5-4Three-phase	14477	205.8
	1450	2.2-4Three-phase	17426	260.7
	960	0.37-6Three-phase	9586	94.08
	960	0.75-6Three-phase	11543	114
7.1	1450	1.5-4Three-phase	12280	226.5
	1450	2.2-4Three-phase	16501	250.9
	1450	3-4Three-phase	20722	261.4
	1450	4-4Three-phase	24944	331.1
	960	0.75-6Three-phase	8130	99.3
	960	1.1-6Three-phase	16514	145.2
8	1450	3-4Three-phase	17567	287.6
	1450	4-4Three-phase	23605	318.6
	1450	5.5-4Three-phase	29644	331.8
	1450	7.5-4Three-phase	35682	420.3
	960	0.75-6Three-phase	11630	126.1
	960	1.1-6Three-phase	15628	139.6
	960	1.5-6Three-phase	21444	162.9
	960	2.2-6Three-phase	23624	184.2
9	960	1.5-6Three-phase	16560	159.5
	960	2.2-6Three-phase	27944	184.1
	960	3-6Three-phase	30352	206.2
	960	4-6Three-phase	33937	233.2
10	960	2.2-6Three-phase	22716	197
	960	3-6Three-phase	30524	217.2
	960	4-6Three-phase	38333	227.3
	960	7.5-6Three-phase	46141	287.9
11.2	960	4-6Three-phase	31914	247
	960	5.5-6Three-phase	42884	273
	960	7.5-6Three-phase	53855	285
	960	11-6Three-phase	58841	319
	960	11-6Three-phase	64824	361



SF

New High-temperature Adjustable Alumi-blade Axial Flow Fan

Product overview

SF Series of fans, high-temperature, oil and moisture resistant. Its impeller hub is made of cast aluminum matching adjustable impeller to get different air volume and pressure by adjusting the angle of impeller.
The fan can be used in the place of high-temperature, wet and oil like kitchen, restaurant for its special design of high-temperature and self-protection.

Performance parameter table

№	Voltage (V)	Motor power (kW-P)	Rotational speed (rpm)	Air volume (m^3/h)	Full pressure (Pa)
3	220	0.18-4P	1450	2000	59
	380	0.18-4P	1450	2000	59
	220	0.37-2P	2800	3000	230
	380	0.37-2P	2800	3000	230
4	220	0.55-4P	1450	5870	167
	380	0.55-4P	1450	5870	167
	220	1.5-2P	2800	11000	320
	380	1.5-2P	2800	11000	320
5	220	0.75-4P	1450	10000	200
	380	0.75-4P	1450	10000	200
	220	1.5-2P	2900	15500	370
	380	1.5-2P	2900	15500	370
6	380	2.2-4P	1450	18700	300
7	380	3-4P	1450	24500	350



SZ

Handheld and mobile air supply fan

Product overview

SF Series of fans, strong wind force, smart and practical, easy-movable, fashionable and pretty, specialized in the plant of shipbuilding, machinery, chemical, engineering and others.
SZ Series of fans, easily connect with telescopic vent pipe, easily exhaust the air and dust, easily exchange the air between open space and closed space.

Performance parameter table

No	Voltage (V)	Frequency (Hz)	Motor power (kW)	Rotational speed (rpm)	Air volume (m³/h)	Full pressure (Pa)	Noise dB(A)
2	220	50	0.12	2800	1300	200	60
2.5	220	50	0.25	2800	2100	250	68
3	220	50	0.37	2800	3000	350	78
3.5	220	50	1.1	2800	6000	440	80
4	220	50	1.5	2800	11000	520	85
	220	50	0.55	1450	5870	167	74
4.5	220	50	1.8	2800	10020	660	88
5	220	50	0.75	1450	10000	200	82

We can customize different voltages and frequencies according to customer needs

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION



HHF

High pressure axial flow fan

Product overview

HHF Series is one kind of new eco-efficiency products self-developed by us what referred to the current international top technical of the similar products. Its impeller is cylindrical hub impeller made by a special casting mold.
It is high-efficient, high-pressure wind and easy to install and widely used in civil, commercial and industrial construction projects or industrial pipeline as a high-pressure ventilation system.

Performance parameter table

No	Rotational speed (rpm)	Air volume (m³/h)	Wind pressure (Pa)	Motor power (kW)	Weight (kg)
3.5	2900	3500-6122	552-205	1.1	65
	1450	1750-3060	135-51	0.37	62
4	2900	4600-6500	520-410	1.5	76
	1450	2300-3250	130-102	0.55	69
4.5	2900	5000-7900	670-510	2.2	88
	1450	2500-3950	167-127	0.75	80
5	2900	6817-9824	752-510	3	110
	1450	3410-4912	188-127	1.1	96
5.5	2900	10900-15200	621-398	4	135
	1450	5450-7600	155-100	1.5	115
6	2900	13197-16090	760-510	5.5	164
	1450	6599-8045	190-127	1.5	130
6.5	1450	15300-21500	680-425	5.5	180
	960	10130-14235	298-187	2.2	165
7	1450	18908-24380	728-610	7.5	208
	960	12518-16141	319-267	3	189

No	Rotational speed (rpm)	Air volume (m³/h)	Wind pressure (Pa)	Motor power (kW)	Weight (kg)
8	1450	26012-31421	723-600	7.5	230
	960	17222-20800	317-263	3	211
9	1450	27513-33510	840-562	11	284
	960	18216-22186	368-246	4	230
10	1450	35000-45679	770-630	11	310
	960	24019-30255	338-276	5.5	265
11	1450	48500-51552	690-580	15	380
	960	36375-38664	387-326	5.5	335
12	960	55651-62763	740-624	18.5	480
	720	43311-47072	416-351	11	430
13	960	56031-74708	807-600	18.5	520
	720	42023-56031	454-338	11	470
14	960	63312-85511	812-612	22	590
	720	47484-64133	458-344	11	510
15	960	76041-93800	819-623	22	650
	720	57031-70350	461-350	11	585
16	960	91210-120233	912-652	30	740
	720	68408-90175	513-366	15	720



HL3-2A

High-efficiency and low-noise mixed flow fan

Product overview

HL3-2A series of fans, a stylish product of low-noise, eco-efficient product similar but different to axial flow fan and centrifugal ventilation fan. For example, the air volume of fan is better than the centrifugal ventilation fan and the air pressure is better than the axial flow fan. It is high-efficient, high-pressure wind and easy to install. Its impeller is the twisted blades with meridional acceleration virtue to be weld on impeller hub. The fan has a good aerodynamic performance passed the balance test and overspeed test. The fan has a good air-flowing and stable pressure for its inner guide vane and airduct integrated streamlined silencer collector.

HLF-6 The case is designed for the requirement of more high-efficiency and low-noise mixed flow fan of modern skyscraper referred to the current international top technical. It is low-noise, smart looks, Low vibration which made by advanced processing equipment. The case body is made from steel frame, steel board and soundproof material and usual work with HL3-2Aseries of High-efficiency & Low-noise Mixed Ventilation Blower to meet the customers requirement.

Application

HL3-2A series of fans is widely used in the hotels, restaurants, shopping malls, office buildings and stadiums and other superior civil buildings as a ventilation system, the air supply of pipeline and the ventilation system of industrial and mining. It is excellent specially used in the place of underground like garage, tunnel, building or others.

Product features

HL3-2A series of fans has the virtue of axial flow fan and centrifugal ventilation fan. It is easy to install, low rotation, high pressure and large flow, eco-efficiency, low noise, smart looks.

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

Performance parameter table of
HL3-2A series high-efficiency and low-noise mixed flow fan

№	Rotational speed (rpm)	Air volume (m^3/h)	Wind pressure (Pa)	Single speed power (kW)	Dual speed power (kW)	Weight (kg)
2.5	2900	2253-1340	402-554	0.75	0.75/0.55 2/4P	30
	1450	1126-670	100-139	0.55		29
	960	746-444	44-61	0.37	0.55/0.45 4/6P	29
3	2900	3893-2316	578-789	1.1	1.1/0.85 2/4P	41
	1450	1946-1158	145-200	0.55		38
	960	1289-767	63-87	0.37	0.55/0.45 4/6P	38
3.5	2900	6181-3678	787-1086	2.2	2.4/2 2/4P	56
	1450	3091-1839	197-272	0.55		45
	960	2046-1217	86-119	0.37	0.55/0.45 4/6P	43
4	2900	9227-5490	1028-1419	5.5	5.5/4.5 2/4P	101
	1450	4614-2745	257-355	0.75		59
	960	3055-1817	112-156	0.55	0.85/0.55 4/6P	58
4.5	2900	13138-7816	1301-1796	7.5	8/6.5 2/4P	128
	1450	6569-3908	325-449	1.1		79
	960	4349-2586	143-196	0.55	1.1/0.85 4/6P	80
5	2900	18022-10722	1606-2217	15	14/11 2/4P	2205
	1450	9091-5361	402-554	2.2		110
	960	5966-3549	176-243	0.75	2.2/1.5 4/6P	97
5.5	1450	11993-7136	486-670	3.0	2.8/2.2 4/6P	128
	960	7941-4724	213-294	1.1		119
	720	5955-3543	120-165	0.75	1.1/0.75 6/8P	119
6	1450	15571-9264	578-789	5.5	5.5/4 4/6P	172
	960	10309-6133	253-350	1.5		148
	720	7732-4600	142-197	1.1	1.8/1.3 6/8P	146
6.5	1450	19797-11778	679-937	7.5	8/6.5 4/6P	213
	960	13107-7798	298-411	2.2		178
	720	9830-5849	167-231	1.1	2.4/1.8 6/8P	168
7	1450	24726-14710	787-1086	11	11/9 4/6P	283
	960	16370-9340	345-476	3		223
	720	12278-7305	194-268	1.1	3.7/2.6 6/8P	203

№	Rotational speed (rpm)	Air volume (m^3/h)	Wind pressure (Pa)	Single speed power (kW)	Dual speed power (kW)	Weight (kg)
7.5	1450	30411-18094	904-1247	15	14/11 4/6P	307
	960	20135-11979	396-547	4		247
	720	15101-8984	223-308	1.5	3.7/2.6 6/8	227
8	1450	36908-21959	1028-1419	18.5	16/13 4/6P	369
	960	24436-14538	451-622	5.5		245
	720	18327-10904	253-350	2.2	6/4.5 6/8P	225
8.5	1450	44270-26339	1161-1602	22	22/18.5 4/6P	403
	960	29310-17438	509-702	7.5		334
	720	21983-13079	286-395	3.0	8/6 6/8P	284
9	1450	52551-31266	1301-1796	30	28/22 4/6P	466
	960	34793-20700	570-787	11		396
	720	26094-14789	320-443	4	12/9 6/8P	366
9.5	1450	61806-36769	1448-2001	37	34/26 4/6P	541
	960	40920-24344	634-877	11		421
	720	30690-18258	357-494	5.5	12/9 6/8P	391
10	1450	72087-42888	1606-2217	55	55/42 4/6P	704
	960	47726-28395	704-972	15		484
	720	35795-21296	396-547	7.5	17/12 6/8P	444
10.5	1450	83450-49646	1769-2444	75	72/55 4/6P	898
	960	55250-32869	775-1071	18.5		578
	720	41437-24651	436-602	11	20/15 6/8P	498
11	1450	95949-57081	1941-2682	90	/	1074
	960	63524-37792	851-1176	22	25/12 6/8P	674
	720	47643-28344	478-661	11		604
11.5	1450	109636-65224	2122-2932	110	/	1437
	960	72587-43183	930-1285	30	30/15 6/8P	877
	720	54440-32387	523-723	11		627
12	1450	124567-74107	2311-3192	132	/	1500
	960	82472-49064	1013-1399	37	30/15 6/8P	850
	720	61854-36798	570-787	15		800
12.5	1450	140796-83762	2507-3436	160	/	1680
	960	93217-55456	1099-1518	45	45/22 6/8P	980
	720	69912-41592	618-854	18.5		870
13	960	104856-62380	1188-1642	55	55/28 6/8P	1178
	720	78642-47685	668-903	22		898
	560	61166-36388	404-558	11	/	868
13.5	960	117426-69859	1282-1771	75	75/37 6/8P	1629
	720	88070-52394	721-996	30		1169
	560	68498-40751	436-602	15	/	1039
14	960	130960-77912	1378-1905	90	90/45 6/8P	1911
	720	98222-58434	775-1071	37		1381
	560	76395-45448	469-648	18.5	/	1151



SWF

Mixed flow ventilation fan

Product overview

SWF series is a stylish product with the advantage of axial flow fan and the centrifugal fan. Its air pressure is higher than the axial fan and its air volume is larger than the centrifugal fan. The fan has the advantages of wide air-flow and high efficiency. The fan is widely used as the ventilation system in the office buildings, hotels and other large high-end civil buildings, and also the ventilation system in cold storage, textile and other industrial and mining enterprises to replace the low-pressure centrifugal fans or high-pressure axial fans.

Product features

High efficiency: The fan is designed with multi-functions so that can provide and expand high efficiency under the fixed air volume and air pressure.

Structure: The fan is small and can be directly connected with the air duct, easy to install, suitable for horizontal or vertical installation.

Low noise: It can create a quieter work situation by lowering most of noise for the usage of sound insulation materials and shock absorption devices.

Wide adaptation: The fan can be changed the installation angle, number of blades and speed of the fan in different place to meet the requirements of customers.

Wide application: The fan is widely used as ventilation system in civil buildings, industrial and mining enterprises, restaurants, restaurants, museums, stadium and other place, especially in the high-pressure air duct and the skyscraper air-freshening.

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

Performance parameter table of
SWF series mixed flow ventilation fan

№	Rotational speed (rpm)	Air volume (m^3/h)	Wind pressure (Pa)	Motor power (kW)
3	2900	4652-3212	512-883	2.2
	1450	2312-1606	121-236	0.25
	960	1512-1000	67-139	0.12
3.5	2900	5745-4127	564-986	3
	1450	3320-2130	125-257	0.25
	960	1938-1234	76-146	0.18
4	2900	7228-5242	654-1248	4
	1450	4512-2765	128-282	0.37
	960	2642-1743	86-156	0.25
4.5	2900	9169-7124	672-1298	5.5
	1450	4728-3160	182-306	0.55
	960	3592-2240	88-162	0.25
5	2900	13100-9876	801-1316	5.5
	1450	8652-4896	196-382	1.1
	960	5624-3215	96-182	0.37
5.5	2900	16820-12264	824-1338	7.5
	1450	9126-6925	258-385	1.5
	960	6532-4265	119-206	0.55
6	2900	19230-15210	836-1365	7.5
	1450	11625-7560	165-382	1.5
	960	8025-4986	128-236	0.75
6.5	1450	25124-18672	524-1038	7.5
	1450	15064-9424	282-418	2.2
	960	10544-7540	155-238	0.75
7	1450	31380-24820	608-1208	11
	1450	18800-11780	329-470	3
	960	13820-8246	186-278	1.1

№	Rotational speed (rpm)	Air volume (m^3/h)	Wind pressure (Pa)	Motor power (kW)
7.5	1450	30672-23422	712-1236	11
	1450	22538-14136	378-542	4
	960	15776-9895	208-298	1.5
8	1450	37350-28564	809-1305	15
	1450	35256-28148	560-872	11
	960	25467-16269	193-516	4
	720	19185-11528	116-315	1.5
9	1450	46138-33579	785-1343	18.5
	960	34206-22011	282-564	5.5
	720	25654-16508	164-327	2.2
10	1450	51821-40582	792-1387	18.5
	1450	66541-55758	704-804	22
	960	44054-29902	288-496	7.5
	720	33041-22427	167-288	3
11	1450	59521-48177	806-1382	22
	960	48729-35294	310-516	11
	720	36546-26470	181-300	4
12	960	71092-55852	796-1308	22
	960	83151-60923	865-1396	30
	720	64292-47534	429-625	15
13	960	87761-68652	805-1329	30
	960	94782-74144	870-1435	37
	720	71565-51596	441-637	15
14	960	107518-78740	916-1395	45
	960	99554-72908	849-1292	37
	720	84446-60883	494-723	18.5

Performance parameter table of
SWF–II series mixed flow ventilation fan

№	Rotational speed (rpm)	Air volume (m^3/h)	Wind pressure (Pa)	Motor power (kW)	Weight (kg)
6.5(S1)	1450	25124-18672	524-1038	8/6.5	250
	960	16582-12323	230-457		
6.5(S2)	1450	15064-9425	282-418	2.2/1.5	165
	960	9941-6220	124-184		
7(S1)	1450	31380-24820	608-1208	11/9	295
	960	20710-16381	268-532		
7(S2)	1450	18800-11780	329-470	2.8/2.2	180
	960	12050-7775	124-206		
7.5(S1)	1450	30627-23422	712-1236	11/9	305
	960	20214-15458	313-544		
7.5(S2)	1450	22538-14136	378-542	4/3	200
	960	14875-9392	166-238		
8(S1)	1450	41256-24528	560-982	14/11	310
	960	25467-16269	193-516		
8(S2)	1450	46066-31862	539-988	16/13	350
	960	30449-21095	236-452		

№	Rotational speed (rpm)	Air volume (m^3/h)	Wind pressure (Pa)	Motor power (kW)	Weight (kg)
9(S1)	1450	56666-38916	644-1206	22/18.5	430
	960	34206-22011	282-564		
9(S2)	960	34206-22011	282-564	6/4.5	370
	720	25654-16508	164-327		
10(S1)	1450	66541-45112	704-1046	22/18.5	600
	960	44054-29902	288-496		
10(S2)	960	44054-29902	288-496	8/6	375
	720	33041-22427	167-288		
11(S1)	1450	73601-52836	709-1058	22/18.5	630
	960	48729-34871	310-465		
12(S1)	960	85723-62823	763-1100	25/12	700
	720	64292-47117	429-618		
13(S1)	960	95420-69484	785-1094	30/15	730
	720	71565-52113	411-615		
14(S1)	960	99554-72908	849-1292	37/18	870
	720	74665-54681	477-726		



GXF

Mixed flow (oblique flow) ventilation fan

Product overview

GXF series of fans is designed to be straight air duct, conical hub and twisted blades according to the oblique meridian acceleration method. It has the virtue of high-pressure and large flow like centrifugal fan and axial fan. It is low noise, low power and smart looks and can be mounted horizontally or vertically. It is widely used in the ventilation system of industrial and civil buildings. It can be made into anti-corrosion and explosion-proof product what can carry corrosive, flammable and explosive air according to the conveying medium.
The fan can be made into a roof style and item no. is to add a letter "W" after the original item.
The fan can also be made into a silencing style and item no. is GXF-BX (Domestic fan without muffler and exported fan with muffler). GXF-BX2(Both domestic fan and exported fan with muffler).

Component

Impeller: The core part is consisted of curved flaky leaves;
Shell: It is rigid and sealed by steel plates welding.
Collector: It is collecting the air flow by the running blades;
Motor: It provides the power of fan.

Working principle

1. The impeller creates air flow, accelerates and exhausts by running.
2. The blower provides fresh airflow and keeps the rotor rotating.
3. The running of the blades and guides makes kinetic energy into pressure energy and power flow.

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

Performance parameter table of
GXF series mixed flow (oblique flow) ventilation fan

№	Rotational speed (rpm)	Air volume (m^3/h)	Wind pressure (Pa)	Single speed power (kW)	Dual speed power (kW)	Weight (kg)
3C	2900	3230-2270	166-478	1.1	1.1/0.85	30
3A	1450	1663-1070	73-120	0.12		25
3B	1450	1960-1320	96-166	0.18	/	25
4C	2900	7663-5380	468-954	2.2	1.8/1.3	44
4A	1450	3945-2538	130-213	0.37		32
4B	1450	4642-3127	171-296	0.55	/	38
4.5C	2900	10338-6769	521-1020	3	3/2.4	58
4.5A	1450	5608-3623	165-272	0.55		50
4.5B	1450	6552-4432	217-378	0.75	/	52
5C	2900	12648-3286	468-1225	4	4/3.3	70
5A	1450	7711-5009	203-337	0.75		56
5B	1450	9072-6170	267-468	1.5	/	60
5.5C	2900	18443-8335	786-1511	7.5	8/6.5	120
5.5A	1450	9903-7075	223-473	1.5		75
5.5B	1450	11998-8229	318-568	2.2	/	80
6C	2900	21984-5636	714-1820	11	11/9	185
6A	1450	13829-8873	291-474	2.2		96
6B	1450	14226-9513	333-646	3	/	96
6.5C	2900	27048-14298	822-2030	15	14/11	190
6.5B	1450	17186-11105	356-585	3		115
6.5A	960	11641-7649	151-246	1.5	/	110
7C	1450	27478-20814	612-900	11	11/9	200
7A	960	16754-11329	235-410	2.2		125
7B	1450	22412-14559	417-691	4	/	125
8C	1450	37971-26060	698-1247	15	14/11	245
8A	960	22298-14484	240-401	3		175
8B	960	24769-17002	302-540	5.5	/	185
9C	1450	47944-30885	700-1138	15	16/13	275
9A	960	30245-20661	271-468	4		215
9B	960	33257-22807	359-674	7.5	/	260
10C	1450	58047-36712	643-1117	18.5	22/18.5	360
10B	960	41540-36500	358-580	11		340
10B	960	32367-29250	672-736	11	12/9	
10A	720	36189-24864	259-420	5.5		340
11C	960	67018-45856	574-1017	22	20/15	440
11A	720	43624-28190	259-425	5.5		325
11B	960	55163-39047	431-893	15	/	380
12C	960	74088-52940	494-1047	22	25/12	480
12A	720	55057-35786	316-523	7.5		380
12B	960	67341-42432	427-922	15	/	420
13C	960	94439-66645	605-1235	37	37/18	720
13A	720	72249-47370	365-616	15		520
13B	720	73770-49326	405-787	22	/	600
14C	960	114829-74514	798-1318	45	45/22	970
14A	720	81213-53248	385-649	18.5		700
14B	720	85213-60000	397-817	22	/	740



SJG

Pipeline diagonal flow fan

Product overview

SJG series of fans is designed to be straight air duct, conical hub and twisted blades according to the oblique meridian acceleration method. It has the virtue of high-pressure and large flow like centrifugal fan and axial fan. It is low noise, low power and smart looks and can be mounted horizontally or vertically. It is widely used in the ventilation system of industrial and civil buildings.
It can be made into anti-corrosion and explosion-proof product what can carry corrosive, flammable and explosive air according to the conveying medium.
The fan can be made into a roof style and item no. is to add a letter "W" after the original item.
The fan can be added outer muffler to the usage of different place. The Item no. is to add a letter "X" after the original item.

Performance parameter table

№	Rotational speed (rpm)	Air volume (m^3/h)	Wind pressure (Pa)	Motor power (kW)	Noise dB(A)
2.0F	1450	200-600	110-54	0.06	16
2.5F	1450	300-1000	180-100	0.18	24
2.5C	2900	580-1980	716-450	0.75	32
3.0F	1450	500-2000	260-130	0.37	27
3.0C	2900	980-3860	1000-500	1.5	46
3.5S	960	800-2500	140-50	0.25	42
3.5F	1450	1000-4000	320-110	0.55	45
3.5C	2900	1900-7880	1100-430	2.2	65
4.0S	960	1000-4000	190-51	0.37	61
4.0F	1450	1500-5000	420-220	0.75	67
4.5S	960	1500-5000	360-100	0.37	70
4.5F	1450	2000-7000	580-250	1.1	80
5.0S	960	1500-6000	360-150	0.75	90
5.0F	1450	2000-10000	710-345	2.2	110
6.0S	960	3000-11000	480-240	1.5	150
6.0F	1450	4000-18000	1200-380	5.5	165
7.0S	960	4000-18000	600-260	3	215
8.0E	720	6000-25000	700-210	4	372
8.0S1	960	6000-25000	780-400	5.5	320
8.0S2	960	6000-25000	880-510	7.5	360

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION



HTF-I、II

High pressure axial flow fan

Product overview

HTF- I, II, D series of fan is designed to be optimized multi-function by CAD software. It is composed of molded axial flow impeller, high-temperature motor and special cooling system of motor.
Fan I is single stage speed, fan II is double-stage speed and fan D is low speed.
The choice of better fan is double-stage speed direct-driven motor because it can be controlled automatically by installing the electric control box. It has the advantages of high temperature resistance, excellent performance, high-efficiency, smart, easy installation (horizontal, vertical or hoisting) and so on. It is widely used in skyscraper, baking rooms, underground garages, subways, tunnels and other ventilation system.
HTF- I fan is suitable for the smaller diameter places and HTF-II fan is suitable for the larger diameter places. Both of them can run stably under high-temperature space to ensure the safe of person and building by exhausting the smoking and harmful air effectively when occurred the fire disaster.
By testing of GA211-2009, a quality standard of high temperature resistance for fire fan. It can run continuously more than 30 minutes in a 280°C high temperature. It can run continuously 20 hours per time in a 100 °C temperature without and damage. It has been accepted by the fire departments of major cities in China.

Product features

Eco-efficient: Optimized design and technology, low power consumption, high air flow.
High-temperature resistant: It can run continuously more than 30 minutes in a 280°C temperature and be safe in a 100°C temperature.
Double-stage direct-driven: One fan is both used for air supply normally and air exhaust during fire disaster.
Low noise and vibration: Run stability for strictly adjusting dynamic balance.

Performance parameter table of
HTF-I axial flow fire smoke exhaust fan

№	Motor power (kW)	Air volume (m^3/h)	Rotational speed (rpm)	Full pressure (Pa)	Noise dB(A)
3.5	1.1-2	6122-3500	2900	205-552	≤76
4	1.5-2	6524-4525	2900	383-530	≤78
4.5	2.2-2	7981-5023	2900	508-698	≤79
5	3.0-2	9824-6817	2900	510-752	≤80
5.5	4.0-2	12693-8256	2900	536-756	≤86
6	5.5-2	16090-13197	2900	510-760	≤86
6.5	5.5-4	21652-16254	1450	512-702	≤88
7	7.5-4	24380-18908	1450	610-728	≤88
8	7.5-4	31420-26010	1450	600-720	≤89
9	11-4	33510-27513	1450	560-840	≤90
10	11-4	45679-35000	1450	630-770	≤90
11	15-4	53126-46658	1450	516-726	≤92
12	18.5-6	65862-57748	960	582-740	≤93
13	18.5-6	74710-56030	960	600-810	≤94
14	22-6	85511-63312	960	612-812	≤95
15	22-6	93800-76041	960	620-820	≤95

HTF-I-D Axial Flow Fire Exhaust Fan
(Low Speed) Performance Parameter Table

№	Motor power (kW)	Air volume (m^3/h)	Rotational speed (rpm)	Full pressure (Pa)	Noise dB(A)
3.5	0.55-4	2880-2060	1450	78-165	≤76
4	0.75-4	3480-2690	1450	92-170	≤78
4.5	0.75-4	4260-3270	1450	92-180	≤79
5	1.1-4	5220-3950	1450	140-230	≤78
5.5	1.5-4	7250-5420	1450	115-230	≤78
6	1.5-4	11000-7840	1450	150-300	≤79
6.5	2.2-6	14580-10820	960	190-320	≤82
7	3-6	17240-10820	960	270-350	≤84
8	3-6	23680-16840	960	230-350	≤85
9	4-6	28400-21540	960	230-350	≤86
10	5.5-6	35210-25460	960	210-350	≤87
11	5.5-6	40620-30450	960	210-350	≤88
12	11-8	53420-43500	720	320-400	≤90
13	11-8	58540-46880	720	330-465	≤92
14	15-8	64200-48880	720	690-520	≤93
15	15-8	72860-58420	720	330-465	≤94

Performance parameter table of HTF-II axial flow fire smoke exhaust fan

№	Motor power (kW)	Air volume (m^3/h)	Rotational speed (rpm)	Full pressure (Pa)	Noise dB(A)
5	2.4/3-4/2	4912-3410	1450	127-188	≤75
		9824-6817	2900	510-752	≤80
5.5	3.3/4-4/2	6347-4128	1450	134-189	≤75
		12693-8256	2900	536-756	≤86
6	4.5/5.5-4/2	8045-6599	1450	127-190	≤75
		16090-13197	2900	510-760	≤86
6.5	4/5.5-6/4	10826-8127	960	128-176	≤80
		21652-16254	1450	512-702	≤88
7	6.5/8-6/4	16141-12518	960	267-319	≤80
		24380-18908	1450	610-728	≤88
8	6.5/8-6/4	20800-17220	960	260-320	≤80
		31420-26010	1450	600-720	≤89
9	9/11-6/4	22190-18220	960	250-370	≤81
		33510-27513	1450	560-840	≤90
10	9/11-6/4	30260-24020	960	280-340	≤81
		45679-35000	1450	630-770	≤90
11	13/16-6/4	39844-34994	960	290-408	≤83
		53126-46658	1450	516-726	≤92
12	12/17-8/6	49396-43311	720	327-416	≤84
		65862-57748	960	582-740	≤93
13	12/17-8/6	56030-42020	720	340-450	≤85
		74710-56030	960	600-810	≤94
14	11/22.-8/6	64133-47484	720	344--458	≤85
		85511-63312	960	612--812	≤95
15	11/22.-8/6	70350-57030	720	350-460	≤85
		93800-76041	960	620-820	≤95



PYHL-14A

Axial flow fire smoke exhaust fan

Product overview

PYHL-14A series of fans is a stylish product similar but different to axial flow fan and centrifugal ventilation fan. Its impeller with radial acceleration is the conical twisted blades welded on the conical hub. The fan is equipped with a high-temperature resistant motor and a special motor cooling system to lower the temperature of motor. It is also equipped with guide vanes with good aerodynamic properties.
By testing of GA211-2009, a quality standard of high temperature resistance for fire fan. It can run continuously more than 30 minutes in a 280°C high temperature. It can run continuously 20 hours per time in a 100 °C temperature without and damage. It has been accepted by the fire departments of major cities in China.
PYHL-14A series of axial fan has an air flow larger than HTFC centrifugal fan and a pressure higher than HTF- I axial fan.

Performance parameter table

№	Motor power (kW)	Air volume (m^3/h)	Rotational speed (rpm)	Full pressure (Pa)	Noise dB(A)
2.5A	0.75-2	2366-1407	2900	402-554	73
2.5A-D4	0.55-4	1182-703	1450	100-139	64
2.5A-D6	0.37-6	783-466	960	44-61	58
3A	1.1-2	4081-2432	2900	578-789	74
3A-D4	0.55-4	2043-1216	1450	145-200	65
3A-D6	0.37-6	1353-805	960	63-87	59
3.5A	2.2-2	6490-3862	2900	787-1086	75
3.5A-D4	0.55-4	3245-1931	1450	197-272	66
3.5A-D6	0.37-6	2148-1277	960	86-119	60
4A	5.5-2	9688-5764	2900	1028-1419	79
4A-D4	0.75-4	4844-2910	1450	257-355	67
4A-D6	0.55-6	3208-1908	960	112-156	61
4.5A	7.5-2	13749-8206	2900	1301-1796	80
4.5A-D4	1.1-4	6897-4103	1450	325-449	68
4.5A-D6	0.55-6	4566-2715	960	143-196	62
5A	15-2	18923-11258	2900	1606-2217	85
5A-D4	2.2-4	9545-5629	1450	402-554	69
5A-D6	0.75-6	6264-3726	960	176-243	63
5.5A	3.0-4	12472-7421	1450	486-670	70
5.5A-D6	1.1-6	8258-4913	960	213-294	65
5.5A-D8	0.75-8	6193-3684	720	120-165	63
6A	5.5-4	16194-9634	1450	578-789	72
6A-D6	1.5-6	10721-6378	960	253-350	66
6A-D8	1.1-8	8041-4784	720	142-197	64
6.5A	7.5-4	20589-12249	1450	679-937	74
6.5A-D6	2.2-6	13631-8110	960	298-411	69
6.5A-D8	1.1-8	10223-6083	720	167-231	65

№	Motor power (kW)	Air volume (m^3/h)	Rotational speed (rpm)	Full pressure (Pa)	Noise dB(A)
7A	11-4	25715-15298	1450	787-1086	77
7A-D6	3-6	17025-9713	960	345-476	70
7A-D8	1.5-8	12679-7597	720	194-268	66
7.5A	15-4	31627-18817	1450	904-1247	80
7.5A-D6	4-6	20940-12458	960	396-547	72
7.5A-D8	1.5-8	15705-9343	720	223-308	67
8A	18.5-4	38384-22837	1450	1028-1419	82
8A-D6	5.5-6	25413-15119	960	451-622	74
8A-D8	2.2-8	19060-11340	720	253-350	71
8.5A	22-4	45598-27129	1450	1161-1602	86
8.5A-D6	7.5-6	30189-17961	960	509-702	77
8.5A-D8	3.0-8	22642-13471	720	286-395	73
9A	30-4	54127-32204	1450	1301-1796	90
9A-D6	11-6	35836-21321	960	570-787	80
9A-D8	4-8	26876-15232	720	320-443	75
9.5A	37-4	63660-37872	1450	1448-2001	92
9.5A-D6	11-6	42147-25074	960	634-877	82
9.5A-D8	5.5-8	31610-18805	720	357-494	76
10A	55-4	74250-44174	1450	1606-2217	93
10A-D6	15-6	49157-29247	960	704-972	85
10A-D8	7.5-8	36869-21935	720	396-547	77
10.5A-D6	18.5-6	56907-33855	960	775-1071	87
10.5A-D8	11-8	42680-25390	720	436-602	79
11A-D6	22-6	65429-38924	960	851-1176	89
11A-D8	11-8	49072-29193	720	478-661	82
11.5A-D6	30-6	74763-44478	960	930-1285	90
11.5A-D8	15-8	56073-33358	720	523-723	84
12A-D6	37-6	84946-50536	960	1013-1399	95
12A	15-8	63709-37902	720	570-787	86



HTF(C)

Centrifugal fire smoke exhaust fan

Product overview

HTF (C) series of fans is researched and developed by us referred to the domestic and foreign technology. It has two functions of the fire smoke exhaust and ventilation. It is high efficiency, low noise, easy installation, stable running, large air flow, high temperature resistance and is a better generation product of fire smoke exhaust fan in skyscraper. The fan body is designed to be a structure with steel frame and board assembly that looks smart and pretty. The board is made of the high-quality cold-rolled bent double-layer steel plate filled with fireproof and thermal insulation material. It can prevent condensation in high temperature and effectively reduce noise and vibration. The fans are divided into type A and type B. The motor of type A is installed outside the product and it can run continuously more than 40 minutes to exhaust smoking in above 280 °C temperature by testing of GA211-2009. The fire fan is a kind of double usage fan that can exchange the air under low-speed running and exhaust smoking under high-speed running after being equipped with two-stage motor. The motor of type B is installed in the inner and it is generally used for ventilation.

Product features

Motor driven: The impeller is running at high speed driven by an electric motor.
Air Acceleration: The impeller runs in a high-speed and accelerates the air speed to increase its kinetic energy.
Haul and Veer: The kinetic energy is turned to be pressure energy (potential energy) when the air flow lower speed and change its direction in the inner of fans.
Smoking Exhaust: The smoking is exhausted from the air outlet under the effect of higher pressure finally.

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

Performance parameter table of
HTF (C) – I series centrifugal fire smoke exhaust fan

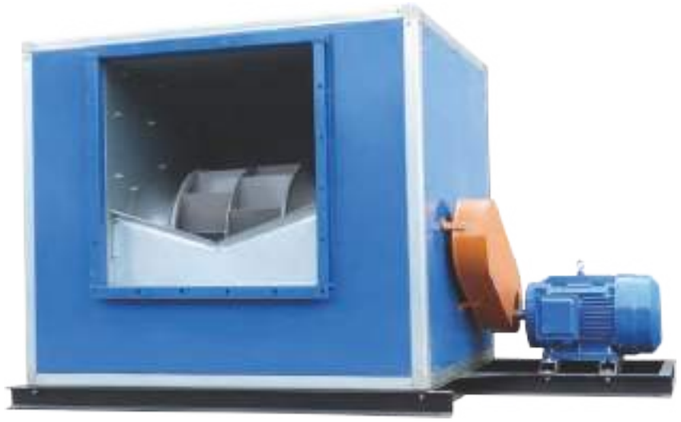
№	Motor power (kW)	Rotational speed (rpm)	Flow (m^3/h)	Full pressure (Pa)
9	0.55-4	1060	1770-3150	330-350
	0.75-4	1190	2860-3600	480-470
	1.1-4	1320	3160-3980	586-573
	1.5-4	1450	3465-4370	664-637
10	0.55-4	1050	1920-3370	276-295
	0.75-4	1160	2270-2600	391-405
	1.1-4	1300	3160-3980	419-406
	1.5-4	1450	3670-4620	562-546
	2.2-4	1580	4530-5100	673-665
	3.0-4	1710	4890-5505	751-698
12	0.75-4	830	3630-4165	403-420
	1.1-4	890	5070-6375	440-435
	1.5-4	1000	4000-4580	488-509
	2.2-4	1090	5570-7010	530-526
	3.0-4	1210	6330-7970	686-680
	4.0-4	1330	6920-8550	793-776
15	1.5-4	720	5950-6820	431-454
	2.2-4	790	8040-10440	473-494
	3.0-4	870	9330-11750	610-627
	4.0-4	940	11240-12530	701-712
	5.5-4	1050	11240-12530	701-712
18	2.2-4	660	7240-8495	409-428
	3.0-4	720	10330-13000	449-452
	4.0-4	800	11808-14865	587-590
	5.5-4	920	13285-16720	740-745
	7.5-4	990	14285-17890	804-829
20	3.0-4	580	11523-15000	350-300
	4.0-4	640	10170-14170	501-548
	5.5-4	700	17010-17840	560-546
	7.5-4	790	16200-20390	715-710
	11.0-4	870	20580-22940	906-902

№	Motor power (kW)	Rotational speed (rpm)	Flow (m^3/h)	Full pressure (Pa)
22	4.0-4	570	12250-14030	465-490
	5.5-4	620	17070-21490	510-518
	7.5-4	700	19910-25070	698-705
	11.0-4	780	22760-28130	867-915
	15.0-4	830	24115-29730	943-997
25	5.5-4	540	18320-20300	515-531
	7.5-4	590	22283-28050	540-545
	11.0-4	630	20350-28350	802-872
	15.0-4	680	32020-35040	884-873
	18.5-4	730	34050-37254	976-943
28	7.5-4	430	26230-36030	664-704
	11.0-4	470	26230-36030	664-704
	15.0-4	540	34780-43790	830-845
	18.5-4	590	30970-37670	928-978
	22.0-4	630	42550-47420	985-990
30	11.0-4	430	29230-35550	627-660
	15.0-4	470	40610-44760	663-666
	18.5-4	540	44180-49240	803-806
	22.0-4	590	48200-53710	954-959
	30.0-4	630	51280-56735	1036-1067
33	11.0-4	435	33680-38730	465-445
	15.0-4	480	40870-43030	561-550
	18.5-4	510	44950-47333	680-665
	22.0-4	540	45025-49040	826-808
	30.0-4	580	48777-53127	970-948
	37.0-4	650	55939-66990	930-812
36	15.0-6	400	47345-50593	500-402
	18.5-6	430	48632-53622	570-444
	22.0-6	450	54887-62500	630-562
	30.0-4	510	51363-69444	740-630
	37.0-4	550	56500-76387	890-761
40	22.0-6	360	44874-54730	803-823
	30.0-6	430	61210-71130	832-845
	37.0-4	470	60811-68013	1016-1027
	45.0-4	500	79032-88827	1042-1038

Performance parameter table of
HTF (C) – II series centrifugal fire smoke exhaust fan

№	Dual speed motor (kW)	Flow (m^3/h)	Rotational speed (rpm)	Full pressure (Pa)	Noise dB(A)
20S1	6.5/8	7900-13750	550	340-311	66
		11780-20500	810	755-703	69
20S2	9/11	11100-14506	570	497-509	63
		16650-21760	860	885-904	66
20S3	11/14	9042-15443	620	435-395	67
		13413-22917	920	1005-936	70
22S1	6.5/8	7900-13750	430	340-311	62
		11780-20500	650	755-703	66
22S2	9/11	10500-18020	520	355-307	68
		14820-24020	720	686-632	71
22S3	11/14	11050-19500	600	434-388	69
		16120-28600	850	956-864	72
25S1	9/11	18300-20390	430	365-366	66
		27450-30590	650	649-651	69

№	Dual speed motor (kW)	Flow (m^3/h)	Rotational speed (rpm)	Full pressure (Pa)	Noise dB(A)
25S2	13/16	21290-26610	465	537-546	70
		28390-35480	700	955-972	73
25S3	18.5/22	16420-27890	550	452-449	71
		24180-41070	840	1000-991	74
28S1	13/16	26080-32840	365	466-507	69
		34780-43790	550	830-845	72
28S2	18.5/22	28250-35560	430	550-557	71
		37670-47420	650	978-990	74
28S3	22/28	21030-33980	465	590-601	72
		30700-49610	700	1056-1072	76
30S1	13/16	26596-34353	330	310-305	71
		39894-51530	500	551-542	74
30S2	18.5/22	32000-40280	395	535-539	72
		42660-53170	600	950-953	76
30S3	22/28	23850-39060	430	578-577	72
		37500-60000	650	1028-1027	76



KDF series centrifugal fan
HTFC-V centrifugal fire smoke exhaust fan

Product overview

KDF series centrifugal fan is a high-efficiency, low-noise centrifugal fan recently developed by our company. It has the advantages of excellent performance, low energy consumption, novel and compact structure, low vibration, light weight, easy installation and use, etc. It is the third-generation product for high-rise building air conditioning, chemical industry, metallurgy industry, electricity industry, dyeing and spinning plant, and ventilation usage.
It is now sold well all over the country and is well received by users.
KDF series product specifications range from 2.5#-16#, with a total of 17 machine numbers.
The outlet angle of the fan housing is generally made into three fixed ones: 0°, 90°, and 180° cannot be changed. This series of fans are evenly double-suction belt drive (special ones can be changed to coupling drive).

HTFC-V series high-temperature smoke exhaust fan cabinet, the fan adopts KDF low-noise centrifugal fan, and the box adopts frame box assembly design. The frame is made of domestic advanced metal cold bending forming unit stretched once, the plate is a compound plate structure, and the internal sound-absorbing material can be selected to further reduce noise. The fan is divided into two types: A and B. The A type has the motor installed outside the box and is used for fire smoke exhaust, while the B type has the motor installed inside the box and is used for ventilation. This series of products has 13 machine numbers from 2.5# to 10#, and the performance parameters are the same as the original fan.
According to the GA211-2009 fire fan high temperature resistance test method, it can run continuously for more than 30 minutes at a high temperature of 280°C and run continuously for 20 hours/time at a medium temperature of 100°C without damage. It has been recognized and adopted by fire departments in major cities across the country.

Product features

High-temperature operation capability: The fan can run continuously for more than 30 minutes at a high temperature of 280°C, ensuring that it can still work normally under the high temperature environment of the fire scene.
Low noise design: The silencer box design is adopted to effectively reduce the operating noise, which is suitable for places that require a low-noise environment.
High efficiency and energy saving: The fan adopts advanced design concepts and technologies, and has the characteristics of high efficiency and low energy consumption.
Wide range of applications: In addition to being used for fire smoke exhaust, it can also be used in ventilation systems. It is also widely used in some places where indoor harmful gases or odors need to be removed, such as underground garages, chemical plants, etc.

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

KDF KDF series centrifugal fan,
HTFC-V centrifugal fire smoke exhaust fan performance parameter table

№	Speed (rpm)	Motor power (kW-P)	Flow (m^3/h)	Total pressure (Pa)
2.5	4400	4.0-2	2376-5630	2318-1381
	3600	2.2-2	1944-4606	1552-924
	2800	1.1-2	1512-3583	939-559
	2000	0.55-4	1080-2559	479-285
2.8	3900	4-2	3087-6953	2277-1338
	3200	2.2-2	2533-5705	1533-901
	2400	1.1-2	1899-4279	862-506
	1800	0.55-4	1424-3209	485-285
3.15	3500	5.5-2	3946-8968	228/4-1387
	2800	3.0-2	3137-7175	1463-887
	2000	1.1-4	2255-5125	746-453
	1600	0.55-4	1864-4100	477-289
3.55	3100	7.5-2	4870-11237	2255-1342
	2400	3.0-2	3770-8700	1352-804
	1800	1.5-4	2827-6525	760-452
	1400	0.55-4	2199-5075	460-273
4	2700	11-2	6328-14512	2380-1395
	2000	4.0-4	4687-10750	1306-765
	1600	2.2-4	3750-8600	836-490
	1200	0.75-4	2812-6450	470-275
4.5	2500	11-2	8214-19196	2551-1530
	1800	4-4	5914-13821	1322-793
	1400	2.2-4	4600-10753	800-480
	1100	1.1-4	3614-8446	493-296
5	2000	11-4	9375-21666	2027-1213
	1600	5.5-4	7500-17333	1297-776
	1200	2.2-4	5625-13000	730-437
	900	1.1-4	4218-9750	410-245

№	Speed (rpm)	Motor power (kW-P)	Flow (m^3/h)	Total pressure (Pa)
5.6	1800	15-4	11827-27300	2122-1234
	1400	7.5-4	9199-21233	1283-746
	1000	2.2-4	6571-15167	655-381
	750	1.1-6	4928-11375	368-214
6.3	1500	15-4	14166-32200	1825-1086
	1200	7.5-4	11333-25760	1168-695
	900	3-4	8500-19320	657-391
	700	1.5-6	6611-15026	397-236
7.1	1500	30-4	19791-45833	2322-1361
	1200	15-4	15833-36000	1486-871
	900	5.5-6	11875-27500	836-490
	700	3.0-6	9236-21388	505-296
8	1300	30-4	24375-55713	2183-1322
	1000	15-4	18750-42856	1292-782
	800	7.5-6	15000-34285	827-501
	600	3-6	11250-25713	465-281
9	1150	37-4	30187-70437	2130-1268
	1000	22-6	26250-61250	1610-959
	800	11-6	21000-49000	1031-614
	600	5.5-6	15750-36750	579-345
10	1000	45-4	36666-85416	2052-1213
	800	22-6	29333-68333	1313-776
	600	11-6	22000-51250	739-437
	500	5.5-6	18333-42708	513-303
11.2	900	55-6	46362-108003	2084-1233
	800	37-6	41210-96002	1646-974
	600	22-6	30908-72002	1172-693
	450	7.5-6	23180-54000	521-308



WT35-11

Axial flow roof ventilation fan

Product overview

WT35-11 roof ventilator is mainly used for indoor ventilation in buildings such as industry of petroleum, chemical, textile, metallurgy and machinery plants, offices, laboratories, warehouses, etc. It can adapt to different structural forms and usage needs of buildings and can be installed on roofs and walls. When the working medium temperature is 25 , the relative humidity should not be greater than 90%, and the dust content of the medium (including solids and impurities) should not exceed 100mg/m°. The fan is mainly composed of an impeller, a wind tube, a hood, a motor and other accessories. The impeller adopts an axial flow fan with a large air volume and can be reversed for special needs. The hood and base are made of light, high-strength, corrosion-resistant fiberglass material, with beautiful appearance and wind and rain resistance. FWT35 roof ventilator can be used to transport corrosive gases, and its performance parameters are consistent with WT35.

Performance parameter table

№	Impeller diameter (mm)	Blade angle (deg)	Speed (rpm)	Motor power (kW-P)	Flow (m^3/h)	Total pressure (Pa)
2.8	280	30	2900	0.18	2921	186
			1450	0.04	1464	48
3.15	315	30	2900	0.37-2	4141	237
			1450	0.06	2072	59
3.55	355	30	2900	0.75-2	5965	300
			1450	0.09	2977	24
4	400	30	2900	1.1-2	8513	380
			1450	0.25-4	4263	95
4.5	450	30	1450	0.37-4	6070	121
5	500	30	1450	0.55-4	8327	149
	500	30	960	0.37	5566	64
5.6	560	30	1450	1.1-4	11682	186
	560	30	960	0.37-6	7724	81
6.3	630	30	1450	1.5-4	16639	236
			960	0.75-6	11016	104
7.1	710	30	1450	3-4	23815	300
			960	0.75-6	15766	131
8	800	25	1450	5.5-4	31325	354
			960	1.5-6	20735	155
9	900	25	960	3-6	29529	196
10	1000	25	960	4-6	40508	242
11.2	1120	25	960	7.5-6	56909	304

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION



WT4-72

Centrifugal roof ventilation fan

Product overview

WT4-72 series roof ventilators are mainly used for indoor ventilation in buildings such as industry of petroleum, chemical, textile, metallurgical and mechanical plants, offices, laboratories, warehouses, etc. It can adapt to different structural forms and usage needs of buildings and can be installed on roofs and walls. When the working medium temperature is 25°C, the relative humidity should be less than 90%, and the dust content of the medium (including solids and impurities) should not exceed 100mg/m°.

The fan is mainly composed of an impeller, a wind tube, a hood, a motor and other accessories. The hood and base are made of light, high-strength, corrosion-resistant fiberglass material, with beautiful appearance and wind and rain resistance.

FWT4-72 roof ventilator can be used to transport corrosive on-demand gases, and its performance parameters are consistent with WT4-72.

Performance parameter table

№	Speed (rpm)	Motor power (kW-P)	Flow (m^3/h)	Total pressure (Pa)
3.2	1450	1.1-4	884-1758	324-198
3.6	1450	1.1-4	1332-2634	393-347
4	1450	1.1-4	2006-3709	501-329
4.5	1450	1.1-4	2856-5281	634-416
5	1450	2.2-4	3864-7728	790-500
6	1450	4-4	6677-13353	1139-724
	960	1.5-6	4420-8841	498-317
7.1	960	3.0-6	8392-13581	689-512
8	730	3.0-8	7968-14773	512-376



DWT– Ⅰ



DWT– Ⅱ

DWT

Low noise roof ventilation fan

Product overview

DWT series fans use molded axial flow or centrifugal impellers, direct drive with dedicated motors for fans, anti-corrosion hoods, metal or fiberglass wind tube bases, and are corrosion-resistant, light, high-strength, simple to maintain, low noise, and excellent performance.
They are widely used in power generation, chemical, rubber, pharmaceutical, food processing, metallurgy and other industries and ventilation of high-end civil buildings.
DWT-type uses wide blades, large chord length, space-distorted inclined axial flow impellers, which are suitable for ventilation in medium and low pressure and large flow occasions.
DWT-type uses optimized centrifugal impellers, which are suitable for exhaust ventilation in places with high pressure requirements. According to different use environments and conveying media, the impeller can be made of aluminum alloy, steel plate, engineering plastics, fiberglass and other materials to make conventional, anti-corrosion and explosion-proof, and anti-corrosion and explosion-proof.
Optional accessories: Gravity check valve (or electric type), bird (insect) net, maintenance switch, centralized control box and other accessories can be equipped as needed.

Product features

High efficiency: The fan design focuses on improving efficiency to ensure efficient ventilation under different working conditions.
Low noise: By optimizing the impeller design and adopting silent technology, the noise level during operation is effectively reduced.
Corrosion resistance: Corrosion-resistant materials are used to make fan components to extend service life and adapt to harsh environments.
Easy installation: Compact structure and light weight, easy to install and maintain.

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

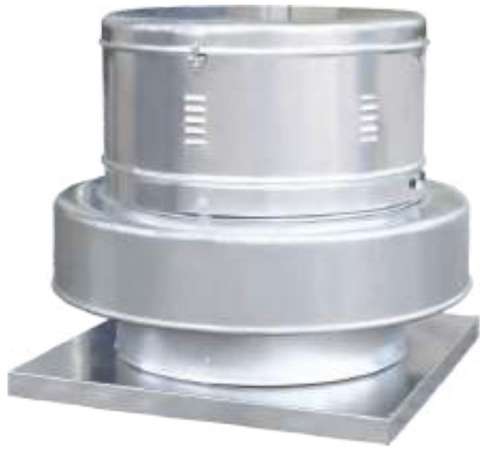
SAFETY PROTECTION

DWT– Ⅰ type roof axial flow fan performance parameter table

№	Speed (rpm)	Motor power (kW-P)	Flow (m³/h)	Total pressure (Pa)
3	2850	0.37-2	3300-2600	181-232
	1450	0.06-4	1650-1450	62-72
4	2850	0.75	7450-5300	193-250
	1450	0.55-4	5700-4580	176-190
	960	0.25	3820-1880	80-92
5	1450	0.55-4	8000-5600	135-191
	960	0.37-6	7000-6400	113-131
	720	0.25	6000-4100	88-96
6	1450	1.5-4	15000-13000	232-267
	960	1.1-6	11000-9100	168-193
	720	0.55	8500-7600	111-136
7	960	1.5-6	17500-12500	165-212
	720	0.75-8	12000-9200	141-177
	560	0.55	9300-7200	83-102
8	960	2.2-6	27000-23000	175-228
	720	1.5-8	20000-16000	129-167
	560	0.75	15750-12250	78121
9	960	3.0-6	34500-24000	202-256
	720	2.2-8	32000-24000	126-177
	560	1.1	24000-18600	102-126
10	960	5.5-6	50000-39000	251-317
	720	3.0-8	46000-35000	141-183
	560	1.5	28000-20000	111-133
11.2	960	5.5-6	56900-40400	253-322
	720	3.0-8	52500-40000	138-183
	560	1.5	32000-25000	111-142

DWT– Ⅱ type roof axial flow fan performance parameter table

№	Motor power (kW-P)	Speed (rpm)	Flow (m³/h)	Total pressure (Pa)	Weight (kg)
3	0.55	1450	878-1253	220-122	53
3.5	0.75	1450	1395-1990	299-166	58
4	1.1	1450	1887-2677	412-298	75
4.5	1.1	1450	2966-4514	495-231	92
5	2.2	1450	4068-6113	615-378	117
6	1.5	960	5024-7338	385-223	140
7	3	960	8015-11925	548-371	175
8	5.5	960	12563-16708	721-521	224
	3	960	9422-12531	405-293	219
10	7.5	960	22150-31436	1072-702	305



RTC

New type of aluminum roof centrifugal exhaust fan

Product overview

RTC series fans are a new type of energy-saving roof exhaust fan developed jointly by scientific research institutions and universities with the introduction of advanced European and American technologies. The product has a smooth appearance design and fine craftsmanship, which meets the requirements of high-end buildings for the texture of exposed equipment. The motor is directly connected to the airflow for full cooling, and the belt-driven motor is located on the side or top, isolated from the exhaust airflow, which is more suitable for removing polluted air with smoke, oil mist, temperature and humidity, and extending the service life of the motor and transmission parts. It adopts aluminum cylindrical hub wing-shaped axial or backward plate-shaped centrifugal impellers with high balance level, smooth airflow organization and stable operation; it has the advantages of high pressure, moderate air volume, low noise, low power consumption, beautiful and firm appearance, etc. It is widely used in the roof exhaust ventilation of workshops, tall workshops and high-end civil buildings in the machinery, chemical, rubber, pharmaceutical, light textile and other industries.
RTC series fans are made into conventional, anti-corrosion, explosion-proof and anti-corrosion and explosion-proof types according to different use environments and conveying media.
Optional accessories: Gravity check valves, bird (insect) nets, maintenance switch centralized control and other accessories can be equipped as needed.

Product features

High air volume and low noise: The fan impeller is optimized and made of aluminum alloy. The front disc, rear disc and blades are processed through multiple processes such as stamping and die pressing. It has a compact structure, large air volume and low noise.
Wide range of applications: It is suitable for rooftop ventilation and exhaust of large factories and high-temperature smoke exhaust for fire protection, and can meet the ventilation needs in different environments.
Anti-corrosion and lightness: The all-aluminum shell is not only anti-corrosion, but also light in weight, stable in operation and beautiful in appearance.

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

RTC series new type of aluminum roof
centrifugal exhaust fan performance parameter table

№	Speed (rpm)	Flow (m^3/h)	Static pressure (Pa)	Motor power (kW-P)	Noise dB(A)	Weight (kg)
300	1730	3200-2600	30-235	0.37	68	34
	1450	2700-2100	20-185	0.25	66	34
	1254	2300-1800	20-150	0.18	61	33
	960	1700-1400	30-80	0.18	54	33
	720	1300-900	25-60	0.18	52	33
425	1450	7500-6000	80-365	1.1	74	55
	1235	6500-5200	30-250	0.75	70	50
	1128	5900-4700	25-210	0.55	68	49
	960	5000-4000	25-150	0.37	65	49
	720	3700-2800	20-100	0.18	56	48
500	1200	10200-8500	55-310	1.5	76	63
	1080	9300-7400	50-260	1.1	73	63
	960	8200-6500	45-220	0.75	69	61
	840	7000-6000	45-145	0.55	66	56
	720	5800-4500	40-130	0.37	62	55
575	960	12500-10000	50-280	1.5	75	20
	894	11100-9500	45-235	1.5	73	70
	827	10700-8500	40-220	1.1	70	68
	720	9200-7000	40-180	0.75	68	63
	662	8200-6500	40-135	0.55	64	62
675	840	17500-14000	65-300	2.2	75	112
	781	16300-13000	45-265	2.2	73	110
	720	15000-12000	40-230	1.5	72	100
	634	13200-10500	40-175	1.1	68	100
	575	12000-9200	30-150	0.75	66	98
	516	10600-7500	35-145	0.55	65	93
750	840	24000-19000	75-380	4	79	123
	720	20700-16000	50-290	3	75	117
	654	18300-15000	50-230	2.2	70	117
	592	16800-13000	45-205	1.5	67	113
	529	14900-12000	45-150	1.1	66	105
	467	13000-9000	40-150	0.75	64	103
900	720	35500-28500	80-400	5.5	76	168
	621	31000-24000	55-310	4	72	166
	572	28000-22500	50-250	3	68	157
	497	24600-19500	50-190	2.2	66	135
	448	22000-16500	40-175	1.5	65	126
	398	19000-15000	40-130	1.1	63	118
1000	720	48500-40000	100-465	11	78	222
	621	42000-34000	70-350	7.5	73	222
	572	38200-32000	70-285	5.5	72	185
	522	35500-28000	50-260	4	70	176
	473	31500-26000	50-210	3	68	167
	398	26500-20000	45-170	2.2	65	145



CF-11

Multi-blade low noise centrifugal fan

Product overview

The CF-11 series multi-blade low noise centrifugal fan has the advantages of low noise, high efficiency, and large air volume, as well as innovative design, small footprint, easy installation, and flexible use, which meets the requirements of modern environmental protection. It is an ideal equipment for ventilation, dust removal, and air conditioning in high-end buildings, hotels, factories, mines, ships, and basements.

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

Performance parameter table

№	Speed (rpm)	Flow (m^3/h)	Total pressure (Pa)	Voltage (V)	Motor power (kW-P)	Noise dB(A)
1.5A	2800	700-800	912-720	220/380	0.37-2Single-phase	≤65
	2800	700-800	912-720		0.37-2Three-phase	≤65
2A	2800	1900-2500	1200-959	220/380	1.1-2Single-phase	≤74
	2800	1900-2500	1200-959		1.1-2Three-phase	≤74
	1450	950-1250	410-294	220/380	0.25-4Single-phase	≤67
	1450	950-1250	410-294		0.25-4Three-phase	≤67
2.5A	2900	2800-4500	1600-1200	220/380	2.2-2Single-phase	≤76
	2900	2800-4500	1600-1200		2.2-2Three-phase	≤76
	1450	1950-2850	490-390	220/380	0.75-4Single-phase	≤68
	1450	1950-2850	490-390		0.75-4Three-phase	≤68
3A	1450	2500-3800	600-440	220/380	1.1-4Single-phase	≤68
	1450	2500-3800	600-440		1.1-4Three-phase	≤68
	1450	3500-5000	620-500	220/380	1.5-4Single-phase	≤70
	1450	3500-5000	620-500		1.5-4Three-phase	≤70
3B	1450	3500-5500	620-500	220/380	1.5	≤72
3.5A	1450	5100-6700	1200-1000	220/380	3.0-4Three-phase	≤70
	1450	4995-6640	1199-998		2.2-4Single-phase	≤69
	1450	4995-6640	1199-998		2.2-4Three-phase	≤69
	960	3377-4436	526-438	380	1.1-6Three-phase	≤65
4A	960	6098-7560	593-474	380	1.5-6Three-phase	≤70
	1450	9200-12000	841-1116	380	5.5-4Three-phase	≤76
	1450	4500-9900	910-700	380	4-4Three-phase	≤76
	960	4445-10500	550-430	380	2.2-6Three-phase	≤73
4.5A	960	8380-9900	740-600	380	3-6Three-phase	≤71
5A	960	10660-12240	880-716	380	4.0-6Three-phase	≤82
	960	14800-17200	680-870	380	5.5-6Three-phase	≤85
	960	21000	880	380	7.5-6Three-phase	≤82



CF4-85

Centrifugal fan

Product overview

The CF4-85 series high-efficiency and low-noise kitchen specific centrifugal fan is driven by A or E type, with the motor fixed on the casing without the need for additional brackets. The structure is compact, easy to install and arrange, and neat and beautiful. The air outlet is easy to adjust. It adopts flat blades, which can effectively reduce oil stains on the blades and facilitate cleaning and maintenance. This machine is designed specifically for kitchen oil fume exhaust and can also be used for general ventilation and air exchange.

Performance parameter table

№	Motor power (kW-P)	Speed (rpm)	Flow (m^3/h)	Total pressure (Pa)	Voltage (V)	Noise dB(A)
3.55A	0.55-4Single-phase	1450	2050-3050	373-248	220	69
	0.55-4Three-phase	1450	2050-3050	373-248	380	69
4A	0.75-4Single-phase	1450	3050-4450	505-345	220	71
	0.75-4Three-phase	1450	3050-4450	505-345	380	71
4.5A	1.1-4Single-phase	1450	3900-5454	618-428	220	71
	1.1-4Three-phase	1450	3900-5454	618-428	380	71
5A	1.1-6Three-phase	1450	5850-8200	8000-500	380	74
	2.2-4Three-phase	1450	5850-8200	800-500	380	74
5.6A	3.0-4	1450	8124-11475	965-625	380	78
	1.5-6	960	4781-7219	389-252	380	74
6A	4	1450	8663-13080	1008-657	380	84
	1.5-6	960	5700-8660	442-286	380	75
6.3A	2.2	1450	9990-15142	1110-725	380	76
	5.5-4	960	6600-10026	488-316	380	85
7.1A	11-4	1450	12146-21227	1544-1091	380	86
	3-6	960	8044-14057	672-502	380	79



11-62

Multi-blade low noise centrifugal fan

Product overview

The 11-62 series multi-blade low noise centrifugal fan is designed and manufactured to meet the needs of the increasingly developing purification industry and environmental noise reduction. The fan is designed using a multi-objective optimization design scheme for noise, efficiency, and various aerodynamic parameters, achieving optimal performance matching for the entire machine and having good aerodynamic performance. The impeller has undergone strict dynamic balance correction, resulting in stable operation, low noise, small vibration, and long service life. It is widely used in kitchen exhaust, smoke extraction or ventilation in public places such as unit canteens, hotels, restaurants, and food stores, and is suitable for use in production equipment such as grain machinery, chemical machinery, plastics, and machinery.

Performance parameter table

№	Speed (rpm)	Flow (m^3/h)	Total pressure (Pa)	Voltage (V)	Motor power (kW-P)	Noise dB(A)
2.5A	1450	1300-3300	450-350	220/380	0.75-4	≤65
2.8A	1450	2200-5600	570-440	220/380	1.1-4	≤69
	960	1430-3600	240-230	380	0.55	≤60
3A	1450	4600-5700	670-540	220/380	1.5-4	≤69
3.2A	1450	3400-8900	760-570	220/380	3.0-4	≤73
	1450	3310-8600	690-520	220/380	2.2-4P	≤70
	960	2251-5890	333-250	380	1.1-6	≤63
3.5A	1450	4500-9900	910-700	380	4.0-4	≤76
	960	2900-6400	380-290	380	1.5-6	≤68
4A	960	4445-10500	550-430	380	2.2-6	≤73
	960	4600-11800	555-440	380	3.0-6	≤75
4.5A	960	8400-13800	770-700	380	4.0-6	≤77
5A	960	8680-17800	815-616	380	4.0-6	≤77
	960	9800-19300	920-640	380	5.5-6	≤79
6A	960	10425-21473	1250-980	380	7.5-6	≤85
6.5A	960	10800-23000	1300-1100	380	11-6P	≤85
7A	720	12050-21400	1080-950	380	11-8P	≤82

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION



11-62

E-type multi-blade low noise centrifugal fan

Product overview

11-62 E-type multi-blade low-noise centrifugal fan is a derivative series product of 11-62A. It uses belt drive and can adjust the air volume and pressure, allowing users to increase the number of parameter options. This product has large air volume, low noise, and stable operation. It is the first choice for hotels, restaurants, and smoke exhaust ventilation.

Performance parameter table

№	Motor power (kW-P)	Speed (rpm)	Flow (m^3/h)	Total pressure (Pa)	Noise dB(A)
3.5E	1.1-4	960	3200-6000	450-320	≤62
	2.2-4	1100	3700-7000	560-410	≤67
4E	1.5-4	700	3500-8000	550-320	≤66
	2.2-4	900	4000-10000	620-380	≤69
4.5E	1.5-4	720	5400-6500	490-380	≤69
	3.0-4	960	8300-11000	740-570	≤70
5E	3.0-4	600	5400-10000	550-420	≤70
	4.0-4	700	6800-14500	750-560	≤71
	5.5-4	850	8000-14500	850-640	≤72
5.6E	2.2-4	490	8575-11000	480-380	≤70
	4.0-4	600	10500-13500	660-580	≤71
	7.5-4	750	12000-16500	770-600	≤73
6.3E	4.0-4	500	11500-17500	640-520	≤71
	5.5-4	550	13000-18500	700-540	≤72
	7.5-4	630	15000-21500	850-650	≤73
7.1E	5.5-4	480	14000-19800	670-500	≤71
	7.5-4	550	15000-24000	750-580	≤74
	11-4	600	17500-26000	800-600	≤75
7.6E	7.5-4	450	18000-25000	650-480	≤75
	11-4	520	19000-28500	830-700	≤76
	18.5-4	590	25000-31000	980-800	≤78





DKT

Low noise air conditioning fan with external rotor

Product overview

DKT series fans are equipped with YDFW series and YDFW2 series low-noise three-phase asynchronous motors with external rotors. This motor has the characteristics of fixed shaft and rotating casing. The impeller is installed on the motor casing and is directly driven by the rotation of the motor casing. The YDFW2 series motor can use three-phase voltage regulators, controllable silicon voltage regulators, frequency converters and other means to achieve stepless speed regulation to meet the requirements of variable system loads.

Performance parameter table

No	Flow (m^3/h)	Total pressure (Pa)	Motor power (kW)	Noise dB(A)
DKT200	920-1700	250-290	0.25-4	≤67.1
DKT-225I	840-1960	150-180	0.25-6	≤62.8
	1190-1970	340-390	0.37-4	≤67.0
	1340-2540	340-380	0.45-4	≤70.8
DKT-225II	1690-2820	270-360	0.45-4	≤69.3
	1600-3220	230-370	0.55-4	≤72.4
DKT-250I	1730-3220	180-230	0.37-6	≤69.2
	1690-2490	420-480	0.45-4	≤66.3
	1520-2510	430-520	0.55-4	≤67.9
DKT-250II	1090-2850	420-440	0.45-4	≤66.3
	1590-2900	410-450	0.55-4	≤67.4
DKT-280I	1800-2560	260-300	0.55-6	≤72.2
	2160-3250	580-610	0.8-4	≤73.9
DKT-280II	1460-3510	500-520	0.8-4	≤69.8
	2280-4510	370-510	1.0-4	≤73.6
DKT-315I	2340-4550	320-360	0.8-6	≤72.2
	3610-5640	300-360	1.1-6	≤76.3
	2970-5470	670-750	1.8-4	≤78.6

No	Flow (m^3/h)	Total pressure (Pa)	Motor power (kW)	Noise dB(A)
DKT-315II	4250-5360	300-340	0.8-6	≤71.8
	4150-6610	220-310	1.1-6	≤77.2
	3930-5870	660-720	1.8-4	≤77.8
DKT-355I	2870-5710	430-510	1.1-6	≤72.0
	3170-6340	430-540	1.5-6	≤76.4
DKT-355II	2980-7400	420-470	1.5-6	≤75.2
	4100-8590	420-460	1.8-6	≤78.6
DKT-400I	4140-7480	550-640	1.8-6	≤72.6
	4750-9690	580-670	2.2-6	≤77.2
	5650-11070	530-610	3.0-6	≤81.6
DKT-400II	4980-9060	540-560	1.8-6	≤74.7
	4420-10160	500-550	2.2-6	≤78.8
DKT-450I	6750-9950	730-770	3.0-6	≤75.3
	5560-11870	690-780	4.0-6	≤79.1
DKT-450II	5980-10510	610-700	3.0-6	≤74.3
	6230-12660	630-710	4.0-6	≤77.8
DKT-500I	10920-17770	580-850	7.5-6	≤85.8
	8380-15660	810-910	6.0-6	≤82.6
DKT-500II	8800-16520	790-860	6.0-6	≤81.0
	8380-19000	750-810	7.5-6	≤84.0

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION



DKE

Belt driven dual inlet air conditioning fan

Product overview

DKE series belt driven dual inlet air conditioning fans have the characteristics of large air volume, low noise, compact structure, durable, beautiful appearance, and easy installation and use. This fan is widely used in various air-conditioning units, air curtains, etc., and can also be used for indoor ventilation in industrial and mining enterprises and public places. The medium it conveys is air and other non-self-igniting and harmless gases to the human body. No particulate matter is allowed in the gas, and the dust content is not more than 150mg/m^2.

Performance parameter table

No	Motor power (kW)	Flow (m^3/h)	Speed (rpm)	Total pressure (Pa)	Noise dB(A)
2.5	0.55-4	2850-3650	1000	280-260	65
	1.1-4	3650-4550	1300	480-455	70
	1.5-4	4350-5200	1600	720-695	76
2.8	0.75-4	3489-4724	1000	340-325	71
	1.1-4	4142-6141	1300	580-565	73
	1.5-4	4620-6850	1450	720-705	75
	2.2-4	5060-7535	1600	871-820	77
3	0.75-4	3250-4550	950	400-350	67
	1.1-4	3650-5100	1100	510-440	70
	1.5-4	4050-5650	1180	620-570	73
	2.2-4	4650-6450	1350	820-750	75
3.55	1.5-4	5000-6650	900	300-275	70
	2.2-4	5800-7770	1050	400-380	72
	3.0-4	6660-8900	1200	521-490	74
	5.5-4	7800-10400	1350	710-660	76
4	1.5-4	4200-7750	820	370-280	69
	2.2-4	4500-8850	950	485-360	72
	3.0-4	5400-9950	1050	610-460	75
	4.0-4	6200-10050	1200	810-605	79
	5.5-4	6900-11020	1350	100-885	83
4.5	2.2-4	7500-12020	650	350-280	70
	3.0-4	85500-14500	750	460-370	73
	4.0-4	9600-15050	950	580-470	75
	5.5-4	11500-15500	960	750-650	77
	7.5-4	12500-17500	1060	900-790	81
	11--4	15500-20500	1220	1100-1000	84

No	Motor power (kW)	Flow (m^3/h)	Speed (rpm)	Total pressure (Pa)	Noise dB(A)
5	3.0-4	12050-16500	500	290-230	72
	4.0-4	14500-19500	600	340-280	73
	5.5-4	16500-23000	700	470-380	77
	7.5-4	18000-26000	800	610-490	81
	11-4	21000-30000	900	780-620	83
	15-4	22500-32500	1000	1030-800	85
5.6	4.0-4	12000-23000	550	280-300	72
	5.5-4	21000-28000	650	430-480	75
	7.5-4	18000-26000	800	620-690	80
	15-4	20500-28500	900	840-970	83
	18.5-4	28500-29000	960	940-1080	86
	22-4	30500-36800	1000	1070-1220	88
6.3	5.5-4	19500-29500	540	420-480	78
	7.5-4	20600-24500	600	515-575	81
	11-4	23500-32500	700	630-670	83
	18.5-4	36500-41500	800	850-910	88
	22-4	41500-45800	840	910-1010	89
	30-4	35500-48600	900	1080-1170	91
7.1	15-4	31500-45500	550	620-580	83
	18.5-4	35500-49500	600	740-690	87
	22--4	38500-54500	650	870-810	91
	30-4	45500-62500	775	1240-1150	94
	45-4	48500-68500	825	1400-1300	96
7.6	7.5-4	27560-35480	400	363-355	72
	18.5-4	39660-48030	550	691-666	74
	30--4	42253-57575	640	929-913	76
8	18.5-4	34500-53500	500	680-660	90
	22-4	39500-56500	550	820-800	91
	30-4	40500-63500	600	970-920	92
	37-4	45500-65500	650	1140-1070	93
	45-4	54000-81500	725	1420-1400	97
	55-4	58000-85500	740	1430-1410	97





BF

Cabinet air conditioning fan

Product overview

The BF series cabinet air conditioning fan is the latest product developed by our company. The body is equipped with a DKT series external rotor air conditioning fan, and soundproofing materials are added to the wall panel to effectively reduce noise. The machine runs smoothly and is easy to install and use. Compared with HTF (C), it has the characteristics of large air volume, high pressure, low noise, excellent performance, simple structure, and low cost for the same machine number. It is the best choice for ventilation and air exchange in hotels, guesthouses, entertainment venues, and office buildings.

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

Performance parameter table

No	Flow (m^3/h)	Total pressure (Pa)	Motor power (kW)	Noise dB(A)	Fan	
					Model	Qty
BF20-1	2000	216	0.37-6	55	DKT250I	1
BF30-1	3000	290	0.55-6	58	DKT-280I	1
BF40-1	4000	350	0.8-6	60	DKT-315I	1
BF40-2	4000	216	0.37-6	58	DKT-250I	2
BF50-1	5000	441	1.1-6	62	DKT-355I	1
BF60-1	6000	440	1.5-6	63	DKT-355I	1
BF60-2	6000	216	0.37-6	60	DKT-250I	3
BF70-1	7000	579	1.8-6	65	DKT-400I	1
BF80-1	8000	440	1.8-6	67	DKT-355 II	1
BF80-2	8000	325	0.8-6	63	DKT-315I	2
BF90-1	9000	637	2.2-6	63	DKT-400I	1
BF100-1	10000	700	4-6	65	DKT-450I	1
BF100-2	10000	310	1.1-6	65	DKT-355I	2
BF120-1	12000	725	4-6	65	DKT-450 II	1
BF120-2	12000	440	1.5-6	65	DKT-355I	2
BF120-3	12000	330	0.8-6	65	DKT-315I	3
BF140-1	14000	579	1.8-6	65	DKT-400I	2
BF150-3	15000	441	1.1-6	65	DKT-355I	3
BF160-2	16000	540	3-6	67	DKT-400I	2
BF180-2	18000	637	2.2-6	65	DKT-400I	2
BF200-2	20000	701	4-6	65	DKT-450I	2
BF240-2	24000	725	4-6	65	DKT-450 II	2
BF300-2	30000	882	5.5-6	65	DKT-500III	2
BF300-3	30000	700	4-6	65	DKT-450I	3



4-72 F4-72

Centrifugal ventilation fan

Product overview

4-72 series centrifugal ventilation fans can transport air and other non-self-igniting, harmless to human body, and non-corrosive to steel gases. No sticky substances are allowed in the gas, and the dust and hard particles contained are not more than $150mg/m^3$. The gas temperature shall not exceed 80□. The fan has good aerodynamic performance, stable operation, low vibration, high efficiency, and long life. It is widely used in industrial and mining enterprises, large buildings, hotels, restaurants and other indoor ventilation. F4-72 series is a corrosion-resistant centrifugal fan, mainly composed of stainless steel (or fiberglass) impeller, casing, air inlet and other components and motors. It can be used to transport corrosive gases. Its performance and installation dimensions are the same as the 4-72 series. B4-72 series is an explosion-proof centrifugal fan. Its impeller is made of cast aluminum and equipped with an explosion-proof motor. It can be used in places where flammable and explosive gas mixtures are transported. B4-72 series explosion-proof centrifugal fans have passed the inspection of the National Explosion-proof Electrical Product Quality Inspection Center and obtained the explosion-proof certificate. (No.: CNEX:070481X)

Performance parameter table

No	Motor power (kW)	Flow (m^3/h)	Speed (rpm)	Total pressure (Pa)
2.5A	0.55-4	403-838	1450	198-121
	0.75-2	805-1677	2900	792-483
	1.1-2	805-1677	2900	792-483
2.8A	0.55-4	566-1178	2900	249-152
	1.5-2	1131-2356	2900	994-606
3.2A	2.2-2	1688-3517	2900	1300-792
	1.1-4	884-1758	1450	324-198
3.6A	3-2	2664-5268	2900	1578-989
	1.1-4	1332-2634	1450	393-247
4.0A	5.5-2	4012-7419	2900	2014-1320
	1.1-4	2006-3709	1450	501-329
4.5A	7.5-2	5712-10562	2900	2554-1673
	1.1-4	2856-5281	1450	634-416
5A	15-2	7728-15445	2900	3187-2019
	11-2	6800-13700	2900	2900-1800
	2.2-4	3864-7728	1450	790-502

No	Motor power (kW)	Flow (m^3/h)	Speed (rpm)	Total pressure (Pa)
5.6A	3-4	7062-9885	1450	957-759
6A	4-4	6677-13353	1450	1139-724
	1.5-6	4420-8841	960	498-317
6.3A	5.5-4	7729-15458	1450	1256-798
7.1A	11-4	12676-20513	1450	1573-1168
	3-6	8392-13581	960	689-512
6D	4-4	6677-13353	1450	1139-724
	1.5-6	4420-8841	960	198-317
8D	18.5-4	15826-29344	1450	2032-1490
	5.5-6	10478-19428	960	887-651
	3-8	7968-14773	730	512-376
10D	55-4	40441-56605	1450	3202-2532
	18.5-6	26775-37476	960	1395-1104
	7.5-8	20360-27497	730	805-637
12D	45-6	46267-64759	960	2021-1593
	18.5-8	35182-49244	730	1169-919

4-72 series centrifugal fan (type C, type B)
performance parameter table

№	Motor power (kW)	Flow (m^3/h)	Total pressure (Pa)	Speed (rpm)
2.8C	1.5-2	1131-2356	994-606	2900
	0.37-2	994-1522	556-443	2200
	0.25-2	813-1245	372-296	1800
3.2C	2.2-2	1688-3517	1300-792	2900
	0.75-2	1483-2273	726-579	2200
	0.55-2	1231-1860	486-387	1800
3.6C	3-2	2664-5268	1578-989	2900
	1.5-2	2310-3434	881-723	2200
	0.75-2	1890-2810	590-483	1800
4C	5.5-2	4012-7419	2014-1320	2900
	2.2-2	3573-5491	1238-917	2300
	1.5-2	3107-4775	936-694	2000
	1.1-2	2641-4058	675-501	1700
4.5C	7.5-2	5712-10562	2554-1673	2900
	4-2	5088-7819	1570-1163	2300
	3.0-2	4428-6799	1187-879	2000
	2.2-2	3761-5779	858-635	1700
5C	15-2	7782-15455	3187-2019	2900
	7.5-2	7022-11363	1978-1468	2300
	5.5-2	6106-9881	1495-1110	2000
	3-2	5190-8399	1080-802	1700
5.6C	18.5-2	12734-17824	3209-2541	2600
	15-2	11265-15768	2511-1989	2300
	7.5-2	9795-13711	1900-1504	2000
	5.5-2	8326-11654	1372-1086	1700
	3.0-4	6857-9598	930-737	1400
6C	15-2	10314-20628	2734-1733	2240
	11-2	9209-18418	2176-1380	2000
	7.5-4	8288-16576	1760-1116	1800
	5.5-4	7367-14734	1389-881	1600
	4-4	6677-13353	1137-724	1450
	2.2-4	5157-10314	679-431	1120
	1.5-4	4144-8288	438-278	900
	1.1-4	3684-7367	346-220	800
6.3C	18.5-2	15342-21474	2908-2303	2200
	11-2	13250-18546	2169-1718	1900
	7.5-2	11158-15618	1538-1218	1600
	5.5-2	9066-12689	1015-804	1300
	2.2-4	6973-9761	600-475	1000
	0.75-4	4881-6833	294-233	700
7.1C	18.5-4	15736-25265	2422-1801	1800
	15-4	13987-22835	1914-1423	1600
	11-4	12676-20513	1573-1168	1450
	5.5-4	10490-16976	1076-800	1200
	3.0-4	8392-13581	689-512	960
	1.5-4	6119-903	366-272	700

№	Motor power (kW)	Flow (m^3/h)	Total pressure (Pa)	Speed (rpm)
8C	30-2	19641-25240	3143-3032	1800
	37-2	28105-36427	2920-2303	
	22-2	17463-22435	2478-2390	1600
	30-2	24982-32280	2303-1816	
	11-4	13643-25297	1507-1106	1250
	7.5-4	12224-15705	1209-1166	1120
	11-4	17487-22666	1124-887	
	5.5-4	10914-14022	963-929	1000
	7.5-4	15614-20237	895-707	
	4-4	9823-12620	779-752	900
	5.5-4	14052-18213	725-572	
	3-4	8732-16190	615-452	800
	3-4	7749-14368	485-550	710
10C	37-4	34863-48797	2373-1877	1250
	30-4	31237-43722	1902-1505	1120
	18.5-4	27890-39038	1514-1199	1000
	15-4	25101-35134	1225-970	900
	11-4	22312-31230	967-766	800
	7.5-4	19802-27717	761-603	710
	5.5-4	17571-24594	599-475	630
	4-4	15618-21861	473-375	560
12C	75-4	53978-75552	2746-2172	1120
	45-4	48195-60397	2185-1969	1000
	55-4	63953-67457	1859-1729	
	37-4	43375-60712	1767-1399	900
	22-4	38556-41973	1395-1376	800
	30-4	45391-53996	1321-1104	
	18.5-4	34218-47895	1097-869	710
	15-4	30362-42498	863-684	630
	7.5-4	26989-29381	682-673	560
	11-4	31774-37776	646-540	
	7.5-4	24907-33728	543-430	500
16C	75-6	81110-113520	1957-1549	710
	55-6	71971-100730	1538-1218	630
	30-6	57120-79950	967-966	500
	15-6	45696-63960	618-490	400
	7.5-6	35985-80368	383-303	310
20C	160-8	140560-196750	2411-1908	630
	75-8	111560-156150	1514-1199	500
	37-8	89250-124920	967-766	400
	22-8	70284-98376	599-475	315
	11-8	55781-78076	377-299	250



4-68
Centrifugal ventilation fan

Product overview
4-68 series centrifugal ventilation fans can be used for indoor ventilation in general factories and large buildings. They can be used to input and output gases. The gas to be transported should be air not exceeding 80°C and other non-self-igniting, harmless to human body and non-corrosive to steel materials. The gas should not contain sticky substances, and the dust and hard particles contained should not exceed $150mg/m^3$.

Performance parameter table

№	Motor power (kW)	Flow (m^3/h)	Total pressure (Pa)	Speed (rpm)
2.8A	1.1-2	1131-2262	971-657	2900
	0.55-4	565-1131	245-167	1450
3.15A	1.5-2	1825-3435	1246-853	2900
	0.55-4	912-1718	314-216	1450
3.55A	3-2	2708-5013	1608-1108	2900
	0.55-4	1354-2507	402-275	1450
4A	4-2	3984-7281	2069-1432	2900
	0.75-4	1992-3641	520-353	1450
4.5A	7.5-2	5790-10485	2658-1834	2900
	1.1-4	2895-5242	667-461	1450
5A	15-2	8050-14490	3315-2305	2900
	2.2-4	4025-7245	824-579	1450
6.3D	5.5-4	8320-14761	1324-922	1450
	2.2-6	5508-9773	579-402	960
8D	18.5-4	17585-30774	2158-1501	1450
	5.5-6	11643-20375	942-657	960
	3-8	8853-15403	549-383	730
10D	55-4	35420-61179	3442-2422	1450
	18.5-6	23450-40505	1510-1059	960
	7.5-8	17832-30801	873-618	730
12.5D	55-6	45800-79111	2354-1657	960
	22-8	34828-60157	1363-961	730
6.3C	22-2	12852-22803	3159-2197	2240
	15-2	11476-20359	2511-1756	2000
	11-2	10328-18324	2040-1422	1800
	7.5-2	9180-16287	1608-1118	1600
	5.5-4	8032-14251	1236-863	1400
	4-4	7172-12724	981-687	1250

№	Motor power (kW)	Flow (m^3/h)	Total pressure (Pa)	Speed (rpm)
8C	37-2	21830-38202	3315-2315	1800
	30-2	19404-33958	2619-1834	1600
	18.5-4	16979-29713	2010-1402	1400
	15-4	15159-26528	1599-1118	1250
	11-4	13583-23770	1285-892	1120
	7.5-4	12128-21224	1020-716	1000
	5.5-4	10915-19101	834-579	900
10C	37-4	30534-52740	2560-1795	1250
	30-4	27358-47256	2050-1442	1120
	22-4	24427-42192	1638-1147	1000
	15-4	21984-37974	1324-932	900
	11-7	19541-33754	1049-736	800
	7.5-4	17343-29956	824-579	710
	5.5-4	15389-26581	647-461	630
12.5C	75-4	53434-66388	3207-3040	1120
	90-4	72865-92296	2903-2256	1120
	55-4	47710-65058	2560-2315	1000
	75-4	70841-82409	2167-1795	1000
	45-6	42938-74166	2069-1451	900
	30-6	38168-65926	1638-1147	800
	22-6	33874-58509	1285-902	710
	15-6	30057-51917	1010-706	630
	11-6	26717-46148	804-599	560
	7.5-6	23855-41204	638-451	500
	5.5-6	21469-37083	520-636	450



4-79

Centrifugal ventilation fan

Product overview

4-79 series centrifugal ventilation fans can be used for indoor ventilation in general factories and large buildings. They can be used to input and output gases. The types of gases transported are air and other gases that are not self-igniting, harmless to the human body, and non-corrosive to steel materials. The gas cannot contain sticky substances, and the dust and hard particles contained are not more than 150mg/m^3. The gas temperature is not more than 80°C.

Application scenarios

The 4-79 centrifugal fan is mainly used for indoor ventilation in general factories and large buildings. It can be used as both input and output gas. It can also be used in conjunction with air conditioners to perform multiple functions such as cooling and heating. Specific application scenarios include:
IIndustrial plant exhaust;
IAutomotive industry spraying workshop exhaust;
IElectronics industry dust removal;
IPetrochemical industry blast;
IBaking furnaces, drying furnaces and high-temperature gas circulation in high-temperature environments such as garbage incineration.

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

4-79 Single-inlet centrifugal fan performance parameter table

No	Motor power (kW)	Flow (m³/h)	Total pressure (Pa)	Speed (rpm)
3A	1.5-2	1970-3830	1196-726	2900
	0.75-4	990-1910	304-177	1450
3.5A	3-2	3120-6070	1628-981	2900
	1.1-4	1560-3040	412-245	1450
4A	5.5-2	4670-9080	2138-1275	2900
	1.1-4	2330-4540	530-324	1450
4.5A	11-2	6640-12920	2697-1618	2900
	1.5-4	3320-6450	677-402	1450
5A	15-2	9100-17720	3334-2001	2900
	2.2-4	4560-8860	834-500	1450
6A	5.5-4	7890-15320	1196-706	1450
	1.5-6	5230-10100	530-314	960
7C	22-4	15580-30200	2501-1481	1800
	15-4	13850-26850	1971-1167	1600
	7.5-4	10820-20850	1206-716	1250
	5.5-4	9650-18800	971-549	1120
8C	30-4	21500-41700	2491-1481	1600
	15-4	17100-33100	1569-932	1270
	11-4	15050-29200	1226-726	1120
	7.5-4	13450-26050	971-579	1000
10E	55-4	38500-63500	2609-1775	1300
	37-4	34600-57100	2118-1442	1170
	22-4	29600-48800	1540-1049	1000
	18.5-4	27850-45900	1363-932	940
12E	75-4	53300-87800	2393-1638	1040
	55-4	48200-79300	1952-1334	940
	37-6	42500-70100	1530-1040	830
	22-6	37900-62400	1216-824	740
14E	75-6	67400-111000	2089-1422	830
	55-6	60100-98900	1657-1128	740
	37-6	55300-90900	1402-951	680
	22-6	47100-77500	1020-686	580
16E	90-6	89700-147800	2177-1480	740
	75-6	80100-131900	1726-1177	660
	55-6	70300-115900	1334-902	580
	37-6	61700-101900	1030-696	510
	30-6	56900-94000	873-598	470

4-2X79 Single-inlet centrifugal fan performance parameter table

No	Motor power (kW)	Flow (m³/h)	Total pressure (Pa)	Speed (rpm)
5E	11-4	13600-18820	1607-1206	2000
	7.5-4	9850-1760	1382-941	1800
	5.5-4	9620-15320	1010-647	1550
	4-4	7980-13340	774-480	1350
	2.2-4	6380-11640	618-412	1200
6E	18.5-4	16760-29820	1990-1362	1800
	15-4	15190-27000	1676-1186	1650
	11-4	13660-24550	1392-990	1500
	11-4	12890-23490	1215-814	1400
	5.5-4	10990-20070	882-588	1200
7E	30-4	24930-48330	1970-1166	1600
	15-4	19470-37710	1206-716	1250
	11-4	17370-33840	970-549	1120
	11-4	15570-30240	774-461	1000
8E	30-4	23760-52960	1570-932	1270
	22-4	24080-46720	1226-697	1120
	15-4	21520-41680	971-579	1000
	11-4	19360-37600	785-471	900
10E	90-4	77000-127000	2609-1775	1300
	75-4	69200-114200	2118-1442	1170
	55-4	61500-102600	1667-1147	1040
	37-4	55700-91800	1363-932	940
	30-4	49100-81000	1059-726	830
12E	132-4	106600-175600	2393-1638	1040
	90-4	96400-158600	1952-1334	940
	75-6	85000-140200	1530-1040	830
	55-6	75800-124800	1216-824	740
	37-6	59400-97800	1040-696	680
14E	160-6	138300-227000	2187-1491	850
	90-6	120200-117800	1657-1128	740
	75-6	110600-181800	1402-951	660
	55-6	94200-155000	1020-686	580
16E	200-6	171400-195600	2177-1481	740
	132-6	160200-263800	1726-1177	660
	90-6	140600-231800	1334-902	580
	75-6	123400-203800	1030-696	510

G4-73 series centrifugal fan
performance parameter table

No	Motor power (kW)	Flow (m^3/h)	Total pressure (Pa)	Speed (rpm)
8D	18.5-4	16156-30993	2104-1400	1450
9D	30-4	23003-32079	2668-2559	1450
	37-4	35052-44128	2440-1775	1450
	11-6	15229-29216	1163-775	960
10D	55-4	31554-60533	3301-2194	1450
	15-6	20891-29134	1437-1379	960
	18.5-6	31834-40077	1315-958	960
	7.5-8	15866-30475	829-553	730
11D	75-4	41999-47427	4003-396	1450
	90-4	53142-80570	3943-2659	1450
	22-6	27806-31400	1741-1734	960
	30-6	35183-53343	1715-1160	960
	11-8	21144-40562	1004-669	730
12D	132-4	54526-76040	4777-4582	1450
	160-4	83088-104600	4366-3171	1450
	37-6	36100-45677	2075-2044	960
	45-6	50344-69253	1990-1381	960
	15-8	27451-30999	1196-1191	730
	18.5-8	34734-52661	1178-797	730
14D	280-4	86586-120740	6541-6272	1450
	315-4	131940-166100	5975-4333	1450
	75-6	57326-64735	2831-2819	960
	90-6	72534-109970	2789-1883	960
	37-8	43591-66425	1630-1491	730
	45-8	72059-83624	1391-1086	730
16D	185-6	85571-164150	3709-2465	960
	75-8	65069-124820	2133-1420	730
	45-10	51699-99178	1343-895	580
18D	280-6	121830-154160	4710-4639	960
	315-6	166910-233730	4518-3126	960
	132-8	92648-177730	2705-1800	730
	75-10	73610-141210	1702-1133	560
20D	560-6	167130-320610	5837-3870	960
	220-8	127080-177230	3347-3211	730
	250-8	193660-243800	3060-2225	730
	110-10	100970-140810	2104-2018	580
	132-10	153860-1937	1924-1400	580

Y4-73 series centrifugal induced draft fan
performance parameter table

No	Motor power (kW)	Flow (m^3/h)	Total pressure (Pa)	Speed (rpm)
8D	11-4	16156-18244	1303-1298	1450
	15-4	20442-30993	1284-868	1450
9D	22-4	23003-32079	1651-1584	1450
	30-4	35052-44128	1511-1100	1450
	7.5-6	15229-29219	721-481	960
10D	37-4	31554-44004	2041-1959	1450
	45-4	48083-60533	1867-1359	1450
	11-6	20891-40077	891-594	960
	5.5-8	15886-30475	515-343	730
11D	55-4	41999-47427	2474-2463	1450
	75-4	53142-80570	2437-1646	1450
	18.5-6	27806-53343	1079-719	960
	7.5-8	21144-29487	623-598	730
	11-8	32220-40562	570-415	730
12D	90-4	54526-68992	2949-2905	1450
	110-4	76040-104600	2829-1961	1450
	30-6	36100-69253	1285-856	960
	11-8	27451-34734	742-731	730
	15-8	38282-52661	712-495	730
14D	185-4	86586-109550	4029-3968	1450
	220-4	120740-166100	3864-2676	1450
	55-6	57326-72534	1752-1726	960
	75-6	79944-109970	1681-1167	960
	22-8	43591-49225	1010-1006	730
	30-8	55156-83624	995-674	730
16D	110-6	85571-119330	2293-2200	960
	132-6	130390-164150	2097-1526	960
	45-8	65069-73480	1321-1316	730
	55-8	82333-124820	1302-880	730
	45-10	51699-99178	833-555	580
18D	200-6	121830-169910	2908-2790	960
	220-6	185650-233730	2659-1934	960
	90-8	92648-129200	1674-1606	730
	110-8	141170-177730	1532-1115	730
	45-10	73610-102650	1055-1012	580
	55-10	112160-141210	965-703	580



5-29
High pressure Centrifugal fan

Product overview

5-29 type high pressure centrifugal fan is used for conveying, sucking air and conveying non-corrosive, non-spontaneous combustion, non-sticky gas. It is especially suitable for cotton lint processing and conveying. It can also be used for cupola furnace blowing. The conveying medium temperature does not exceed 80°C, and the dust content does not exceed 150mg/m^3. It has the characteristics of high efficiency and low energy consumption.

Performance parameter table

No	Motor power (kW)	Flow (m^3/h)	Total pressure (Pa)	Speed (rpm)
5.5A	7.5-2	2500-5000	5022-3659	2900
6.5A	15-2	7155-6580	4169-5956	2930
	18.5-2	6273-5167	6552-8339	2930
8.5A	55-2	12572-11984	9450-12150	2970
	75-2	11562-9079	13500-18900	2970
5.5C	22-2	5419-6897	8371-6895	4000
	15-2	3935-6121	7169-5431	3550
	11-2	3491-5431	5644-4276	3150
	7.5-5	3103-4828	4460-3379	2800
	5.5-2	2771-4310	3555-2693	2500
	4-2	1931-3862	2994-2162	2240
6.5C	30-2	5051-7938	10504-9209	3550
	37-2	8660-10103	8689-7585	
	22-2	7044-7684	7251-6841	3150
	30-2	8324-8965	6418-5972	
	15-2	3984-6261	6534-5729	2800
	18.5-2	6830-7969	5405-4719	
	11-2	3557-7115	5209-3762	2500
	7.5-2	3187-4554	4182-3846	2240
	11-2	5009-6374	3667-3020	
	5.5-2	2846-3659	3334-3178	2000
	7.5-2	4066-5692	3066-2408	

No	Motor power (kW)	Flow (m^3/h)	Total pressure (Pa)	Speed (rpm)
7.5C	37-2	6886-7869	11010-10787	3150
	45-2	8853-11804	10495-9108	
	55-2	12788-13772	8545-7951	
	30-2	6121-9618	8699-7628	2800
	37-2	10493-12241	7196-6228	
	22-2	7026-8588	6611-6081	2500
	30-2	9368-10930	5737-5008	
	15-2	4897-6995	5568-5120	2240
	18.5-2	7695-9093	4882-4021	
	11-2	4372-6870	4438-3892	2000
	15-2	7495-8744	3672-3005	
	7.5-2	3935-5621	3595-3306	1800
	11-2	6183-7869	3152-2596	
8.5C	55-2	9385-12068	12403-11823	2950
	75-2	13407-18770	11406-8957	
	37-2	7795-11136	8555-7867	2450
	45-2	12250-15590	7500-6178	
	22-2	6681-9544	6286-5781	2100
	30-2	10498-13362	5512-4540	
	15-2	5727-8182	4618-4247	1800
	18.5-2	9000-11455	4048-3335	



9-19 9-26

High pressure centrifugal fan

Product overview

9-19, 9-26 series high pressure centrifugal fans can be widely used to transport materials, air and non-corrosive, non-spontaneous, non-sticky gases. The temperature of the transported medium is generally not more than 80 , and the dust and hard particles contained are not more than 150mg/m^3 . They are suitable for high pressure forced ventilation in general forging, glass, ceramics, radio, electroplating, battery and other industries, and material transportation in grain, feed, mineral powder, plastic and other processing industries.

Working principle and characteristics

9-19 and 9-26 high-pressure centrifugal fans are small flow and high air pressure types, suitable for forging furnaces and high-pressure forced ventilation, and are widely used for conveying materials and air.
The blades are forward curved, with good aerodynamics and stable operation.

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

9-26(A) series high pressure centrifugal fan performance parameter table

№	Motor power (kW)	Flow (m^3/h)	Total pressure (Pa)	Speed (rpm)
4A	5.5-2	2198-3215	3852-3407	2900
4.5A	7.5-2	3130-3685	4910-4776	2900
	11-2	3963-4792	4661-4256	2900
5A	15-2	4293-6349	6035-5381	2900
	18.5-2	6762	5180	2900
5.6A	22-2	6032-7185	7610-7400	2900
	30-2	7766-9500	7218-6527	2900
6.3A	45-2	8588-11883	9698-8915	2900
	55-2	12699-13525	8636-8310	2900
7.1D	75-2	12292-14643	12424-12078	2900
	110-2	15826-19360	11776-10635	2900
8D	132-2	17584-20947	15955-15504	2900
	200-2	22640-27696	15112-13634	2900
	18.5-4	8792-12166	3834-3529	1450
	30-4	13001-13848	3421-3294	1450
9D	30-4	12518-14913	4869-4736	1450
	45-4	16118-19717	4620-4181	1450
10D	55-4	17172-21465	6143-5920	1450
	75-4	23612-30052	5761-5065	1450
11.2D	110-4	24126-36189	7747-7009	1450
	132-4	39205-42221	6691-6382	1450
	30-6	15973-21963	3346-3140	960
	37-6	23959-27953	3031-2763	960
12.5D	160-4	33540-41925	9713-9356	1450
	250-4	46117-58695	9103-7993	1450
	45-6	22206-30533	4179-3921	960
	75-6	33309-38860	3785-3450	960
14D	250-4	47121-53011	12285-12109	1450
	410-4	58902-82463	11830-10095	1450
	75-6	31197-35097	5262-5188	960
	110-6	38997-54596	5071-4341	960
16D	500-4	70339-79131	16250-16014	1450
	850-4	87923-123090	15640-13324	1450
	185-6	46569-69854	6911-6254	960
	220-6	75675-81496	5971-5696	960

9-19 series high pressure centrifugal fan performance parameter table

№	Motor power (kW)	Flow (m^3/h)	Total pressure (Pa)	Speed (rpm)
3.15A	0.75-2	390-610	1919-1953	2900
	1.1-2	700-810	1926-1755	2900
3.55A	1.5-2	860-760	2554-2590	2900
	2.2-2	560-1160	2545-2310	2900
4A	2.2-2	824-1264	3584-3597	2900
	3-2	1410-1704	3507-3253	2900
4.5A	4-2	1174-2062	4603-4447	2900
	5.5-2	2281-2504	4297-4112	2900
5A	7.5-2	1610-2844	5697-5517	2900
	11-2	3166-3488	5323-5080	2900
5.6A	11-2	2262-3619	7182-7109	2900
	18.5-2	3996-4901	6954-6400	2900
6.3A	18.5-2	3220-5153	9149-9055	2900
	22.-2	4509-5690	9219-8857	2900
	30-2	5690-6978	8857-8148	2900
7.1D	37-2	4610-7376	11717-11596	2900
	55-2	8144-9988	11340-10426	2900
8D	75-2	6594-11649	15034-14546	2900
	110-2	12968-14287	14021-13362	2900
	7.5-4	3294-4616	3620-3647	1450
	15-4	5275-7144	3584-3231	1450
9D	15-4	4695-7511	4597-4551	1450
	22-4	8294-10171	4453-4101	1450
10D	30-4	6440-12450	5840-5495	1450
	37-4	13952-15455	5244-4958	1450
11.2D	45-4	9047-15380	7364-7236	1450
	75-4	17491-21713	6924-6246	1450
	15-6	5990-11580	3182-2996	960
	22-6	12978-14375	2860-2705	960
12.5D	75-4	12577-18447	9229-9310	1450
	110-4	21381-30186	9068-7822	1450
	22-6	8327-14156	3975-3907	960
	37-6	16099-19985	3741-3377	960
14D	132-4	17670-25916	11668-11771	1450
	220-4	30040-42409	11464-9878	1450
16D	37-6	11699-17158	5004-5047	960
	75-6	19888-28078	4917-4249	960
	410-4	57150-63305	13808-13035	1450
	110-6	29687-41912	6456-5575	960



8-09 9-12

High pressure centrifugal fan

Product overview

8-09,9-12 high pressure centrifugal fans are specifically designed for cupola furnace, and are suitable for the blowing performance requirements of melting rates of 1L/h, 2L/h, 3L/h, 5L/h, and 7L/h. This fan can also be used as a blower for various furnaces and forging furnaces, and is also suitable for conveying air and gases that are non-corrosive, unnatural, and do not contain viscous substances. The temperature of the conveying medium shall not exceed 80 , and the dust and hard fine particles contained in the medium shall not exceed 150mg/m^3.

Product features

High efficiency, low noise, compact structure, small size;
Suitable for various melting rates of cupola furnace;
Can be used for blowing air in forging and smelting furnaces;
Non corrosive gas transport capability;
Gas transport capacity without viscous substances.

Application area

Blowing of cupola furnace, etc.;
Blowing of forging furnaces, etc.;
Transportation of material, etc.;
Transportation of air and non-corrosive gases.

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Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

8-09 High pressure centrifugal fan
performance parameter table

No	Motor power (kW-P)	Flow (m³/h)	Total pressure (Pa)	Speed (rpm)
6.8A	7.5-2	675-1215	10523-11347	2900
	11-2	1485-1754	11439-11341	2900
	15-2	2024-2295	11063-10634	2900
7.1D	5.5-2	768	11472	2900
	7.5-2	1075	12021	2900
	11-2	1383-1690	12371-12471	2900
	15-2	1997-2304	12364-12061	2900
	18.5-2	2612-2919	11594-11016	2900
8D	11-2	1110	14867	2930
	15-2	1554	15579	2930
	18.5-2	1998	16033	2930
	22-2	2442	16163	2930
	30-2	2887-3331	16023-15632	2930
	37-2	3775-4219	15026-14277	2930
8.5D	15-2	1341	17013	2950
	18.5-2	1877	17828	2950
	30-2	2414-1950	18347-18496	2950
	37-2	3487	18338	2950
	45-2	4023-4560	17888-17196	2950
9D	22-2	1591	19073	2950
	30-2	2228-2865	19988-20569	2950
	37-2	3502	20736	2950
	45-2	4138	20558	2950
	55-2	4775	20054	2950
	75-2	5412-6049	19278-18318	2950

9-12 High pressure centrifugal fan for melting iron furnace
performance parameter table

No	Motor power (kW-P)	Flow (m³/h)	Total pressure (Pa)	Speed (rpm)
6.8A	15-2	1700-2620	11590-12000	2930
	18.5-2	3080-3540	12140-12120	
	22-2	4000-4460	11980-11740	
7.1A	15-2	2074-2658	12347-12661	2900
	18.5-2	3000-3242	12807-12896	
	22-2	3826	13024	
	30-2	4410-4990	12935-12739	
7.7A	22-2	2349-3010	14543-14887	2900
	30-2	3671-4332	15171-15319	
	37-2	4993-5654	15220-14895	
	45-2	6315	14583	
8D	30-2	2996-3824	16216-16528	2950
	37-2	4651	16931	2950
	45-2	5478-6306	17096-16931	2950
	55-2	7133	16729	2950
9D	45-2	4295	20803	2970
	55-2	5481	21202	2970
	75-2	6667-7853	21719-21931	2970
	90-2	9039	21719	2970



4-73
Dust removal centrifugal fan

Product overview
4-73 series centrifugal fans are dust-resistant and wear-resistant, suitable for exhausting gases containing dust, wood chips, fine fibers, etc. (if it contains hard particles, a dust removal device must be added in front of the fan), and can also be used as a general fan for ventilation. The fan is mainly composed of an impeller, an air inlet, a casing, a transmission part and a motor. The fan has two types: right and left rotation blade.

Performance parameter table

№	Speed (rpm)	Motor power (kW-P)	Flow (m^3/h)	Total pressure (Pa)
3.6C	4000	7.5-2	4250-7760	3138-1863
	3150	4-2	3100-5750	1863-1127
	2500	2.2-2	2640-4870	1225-735
	2240	1.5-2	2380-4350	1029-588
	1800	0.75-4	1930-3510	637-392
	1600	0.75-4	1725-3150	490-294
4.5C	3550	15-2	7400-13500	3922-2255
	2800	7.5-2	5800-10500	2451-1422
	1800	2.2-2	3700-3800	980-588
	1400	1.1-4	2900-5300	608-362
5.5C	2800	22-2	10600-19350	3667-2177
	2240	11-2	8400-15350	2314-1372
	1800	5.5-2	6800-12400	1471-872
	1400	3-2	5260-9650	902-539
	1120	1.5-4	4220-7700	578-343

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION



C6-48
Dust removal centrifugal fan

Product overview
C6-48 series dust removal centrifugal fan is a special dust removal fan designed jointly by the fan industry. This series of fans has the characteristics of not easy to accumulate dust and wear resistance, and is suitable for exhausting gases containing dust, wood chips, fine fibers, etc. (if it contains hard particles, a dust removal device must be added in front of the fan), and can also be used for general ventilation.

Performance parameter table

№	Motor power (kW)	Flow (m^3/h)	Total pressure (Pa)	Speed (rpm)
3.15A	2.2-2	1369-3060	1587-1163	2900
	0.55-4	684-1530	397-291	1450
4A	5.5-2	2748-6374	2594-1859	2900
	1.1-4	2582-3187	553-465	1450
5A	3-4	4401-6252	918-724	1450
	0.75-6	1705-4139	449-317	960
6.3A	7.5-4	5150-12505	1630-1150	1450
	2.2-6	3411-8279	711-504	960
3.15C	0.75-2	755-1688	483-354	1600
		850-1899	611-448	1800
		944-2110	755-553	2000
	1.1-2	1057-2363	948-694	2240
		1181-1909	1181-1070	2500
	1.5-2	2152-2637	1015-865	
		1322-2138	1433-1344	2800
	2.2-2	2410-2954	1274-1086	
		1487-2711	1880-1615	3150
	3-2	3017-3323	1507-1376	
4C	0.75-2	1184-2748	481-345	1250
		1326-3077	603-433	1400
	1.1-2	1516-2850	789-672	1600
	1.5-2	3183-3517	624-565	
		1705-3957	999-716	1800
	2.2-2	1895-4396	1234-884	2000
		2122-2589	1550-1505	2240
	3-2	3056-4924	1451-1110	
		2369-3411	1933-1810	2500
	4-2	3932-5495	1737-1384	
5C	0.75-2	1776-3035	486-436	1000
	1.1-2	3479-4312	410-344	
		1990-3896	610-514	1120
	1.5-2	4415-4829	475-432	
		2221-4349	760-641	1250
	2.2-2	4927-5390	592-538	
		2487-6036	954-675	1400
	3-2	2842-6899	1247-882	1600
	4-2	3198-6262	1580-1332	1800
	5.5-2	7095-7761	1230-1118	
		3553-6958	1953-1647	2000
	7.5-2	7883-8623	1521-1381	

№	Motor power (kW)	Flow (m^3/h)	Total pressure (Pa)	Speed (rpm)
6.3C	1.1-4	2843-4116	494-464	800
	1.5-4	4857-6900	443-350	
		3198-4631	625-588	900
	2.2-4	5464-7762	561-443	
		3554-6071	772-693	1000
	3-4	6959-8625	651-547	
		3980-7794	969-818	1120
	4-4	8831-9660	755-686	
		4442-7588	1208-1085	1250
	5.5-4	8699-10781	1019-855	
	5.5-2	4975-8499	1517-1362	1400
	7.5-2	9743-12074	1279-1073	
		5686-8233	1985-1866	1600
	11-2	9713-13799	1782-1403	
8C	2.2-4	4584-11126	494-350	630
	3-4	5166-12539	627-444	710
		5821-8429	797-749	800
	4-4	9944-14128	716-564	
	5.5-4	6549-12824	1009-851	900
	7.5-4	14530-15894	786-714	
		7276-17660	1247-882	1000
		8150-9763	1566-1526	1120
	11-4	11799-19779	1472-1108	
	15-4	9096-22075	1953-1381	1250
10C	4-4	7402-18208	508-344	500
		8290-16331	638-521	560
	5.5-4	18404-20393	478-432	
		9327-18373	807-659	630
	7.5-4	20704-22943	605-547	
		10510-20706	1026-838	710
	11-4	23334-25856	769-695	
		11843-23331	1034-1065	800
	15-4	26291-29134	978-882	
		13323-23049	1653-1445	900
	18.5-4	26247-32776	1349-1118	
		14804-22057	2043-1900	1000
	22-4	25610-36417	1787-1381	
12.5C	4-4	11565-20008	508-445	400
	5.5-4	22784-28451	415-344	
		13011-19386	643-598	450
	7.5-4	22509-32007	563-436	
		14457-25010	795-695	500
	11-4	28480-35564	649-538	
		16191-28011	997-873	560
	15-4	31897-29832	814-675	
		18215-31513	1264-1105	630
	18.5-4	35885-44811	1031-855	
	22-4	20528-35515	1607-1405	710
	30-4	40442-50501	1311-1087	
		23131-34465	2043-1900	800
	37-4	40017-56902	1787-1381	



6-30

Grain and powder conveying centrifugal fan

Product overview

The medium discharged by the 6-30 series centrifugal fan is air and non-corrosive, non-spontaneous combustion, non-viscous gas, and its temperature does not exceed 80°C. This fan has the characteristics of high pressure and small flow, and is suitable for wind transportation during the processing of grain, cotton, etc.

Performance parameter table

№	Speed (rpm)	Motor power (kW-P)	Flow (m^3/h)	Total pressure (Pa)
5A	2900	7.5-2	2240-4776	4393-3217
6A	2900	18.5-2	3871-8253	6327-4632
6C	2400	11-2	3204-6830	4325-3168
	2200	7.5-2	2937-6261	3638-2667
	2000	5.5-2	2670-5962	3011-2207
	1800	4-2	2403-5123	2442-1758
7C	2020	15-2	4282-9129	4178-3060
	1840	11-2	3900-8316	3462-2540
	1680	7.5-2	3562-7592	2893-2118
	1500	5.5-4	3180-6779	2305-1687
9C	1800	30-4	8120-14680	5482-4746
		37-4	15990-17300	4403-4020
	1645	22-4	15990-17300	4580-4109
		30-4	13410-15810	3962-3354

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION



SYWS

Fiber material conveying fan

Product overview

SYWS series fiber material conveying fans are designed and manufactured for the textile industry. They are used to convey cotton, chemical fiber, shavings, woodchip, etc. They are available in left and right rotation types. Both are single-intake. The left and right air outlet positions can be made into 0°, 45°, 90°, 135°, 180°, 225°, 270° and other angles.

Performance parameter table

№	Motor power (kW)	Air volume (m^3/h)	Speed (rpm)	Total pressure (Pa)
4.0A	4-2	1020-2784	2900	3276-2656
4.3A	5.5-2	1267-3458	2900	3804-3069
4.5A	7.5-2	1452-3960	2900	4168-3364
4.8A	11-2	1762-4809	2900	4740-3834
5.0A	11-2	1992-5436	2900	5144-4160
5.3A	15-2	2372-6474	2900	5779-4674
5.5A	18.5-2	2652-7236	2900	6228-5036
6C	11-4	2661-4835	2240	4420-4330
	15-4	5443-7256		4200-3570
	7.5-4	2376-4316	2000	3520-3450
	11-4	4860-6478		3250-2850
	5.5-4	2438-3885	1800	2850-2790
	7.5-4	4374-5850		2710-2310
	4-4	1900-3453	1600	2250-2240
	5.5-4	3888-5182		2140-1820
	3-4	1722-3729	1450	1850-1820
	4-4	3523-4697		1760-1500
	2.2-4	1485-2698	1250	1380-1350
	3-4	3037-4049		1310-1110
	1.5-4	1330-2417	1120	1108-1084
	2.2-4	2721-3628		1052-891
	1.1-4	1188-2158	1000	883-891
	1.5-4	2430-3239		842-710
	0.75-4	1069-1942	900	715-703
	1.1-4	2187-2915		683-575
8C	22-2	5068-9216	1800	5080-4970
	30-2	10368-13824		4830-4080
	15-2	4505-8192	1600	4020-2930
	22-2	9220-12285		3810-3230
	11-4	4083-7418	1450	3300-3220
	15-4	8335-11133		3130-2650
	7.5-4	3520-6395	1250	2450-2390
	11-4	7200-9579		2330-1970
	5.5-4	3153-5734	1120	1970-1920
	7.5-4	6451-8601		1870-1580
	4-4	2816-5120	1000	1570-1530
	5.5-4	5760-7680		1490-1260
	3-4	2534-4608	900	1270-1240
	4-4	5184-6912		1200-1020
	2.2-4	2252-4096	800	1000-980
	3-4	4608-6144		950-800
	1.5-4	1999-3635	710	790-770
	2.2-4	4089-5452		750-640

№	Motor power (kW)	Air volume (m^3/h)	Speed (rpm)	Total pressure (Pa)
10C	22-4	6875-12500	1250	3820-3750
	30-4	14062-18750		3640-3090
	15-4	6160-11200	1120	3070-3010
	22-4	12600-16800		2920-2480
	11-4	5500-10000	1000	2450-2400
	15-4	11250-15000		2330-1980
	7.5-4	4950-9000	900	1980-1945
	11-4	10125-13500		1873-1601
	5.5-4	4400-8000	800	1571-1535
	7.5-4	8000-12000		1494-1285
	4-4	3850-7100	710	1243-1211
	5.5-4	7988-10650		1171-998
	3-4	3465-6300	630	970-950
	4-4	7088-9450		920-700
	2.2-4	3080-5600	560	770-750
	3-4	6300-8400		730-620
12C	37-4	10641-14224	1120	4420-4560
	45-4	16838-21773		4400-4200
	55-4	24192-29030		4020-3570
	30-4	9504-17280	1000	3530-3400
	37-4	19440-25920		3350-2850
	22-6	8553-15552	900	2860-2800
	30-6	17496-23328		2710-2310
	15-6	7608-13824	800	2250-2210
	18.5-6	15552-20736		2140-1820
	11-6	6747-12268	710	1700-1740
	15-6	13802-18403		1690-1430
	7.5-6	5988-10886	630	1400-1370
	11-6	12247-16389		1330-1130
	5.5-6	5322-9676	560	1100-1080
	7.5-6	10886-14515		1050-890
	4-6	4752-8640	500	880-860
	5.5-6	9720-12960		830-710



G6-30 G5-47

Boiler Blower

Product overview

1. Application: The blower is matched with the boiler, which has high efficiency and low noise.
In addition to being used in conjunction with the boiler, the blower can also be used in the air supply and exhaust system with a medium temperature less than 50° and no corrosive and sticky substances.
2. Structural features: The blower is mainly composed of an impeller, a casing, an air inlet, an air damper, and a frame.
The impeller is made of several blades, a curved front disc and a straight rear disc riveted and welded, all made of steel plates. The impeller has been dynamically balanced and has good rotation performance, high efficiency, low noise, and stable operation.
The casing is made of a spiral body made of ordinary steel plates.
The air inlet is made as a whole and installed on the side of the fan. It is in line with the impeller inlet to form a streamlined shape, which can make the gas flow in and reduce losses.
It has an air damper, which is an accessory used to adjust the air volume, so that the air volume and air pressure are adjusted to the best condition for boiler operation.

G6-30 boiler blower performance parameter table

No	Speed (rpm)	Motor power (kW-P)	Flow (m^3/h)	Total pressure (Pa)	Boiler capacity (t/h)
2.8A	2900	0.75-2	563-1024	1235-1040	0.2
3.5A	2900	1.1-2	1217-1641	1550-971	0.5
4.3A	1450	0.55-4	747-1509	814-598	0.5
5.4A	1450	1.1-4	1602-2505	1295-863	1

G5-47 boiler blower performance parameter table

No	Speed (rpm)	Motor power (kW-P)	Flow (m^3/h)	Total pressure (Pa)	Boiler capacity (t/h)
4.3	1450	1.1-4	1172-3210	883-588	1
5	1450	1.5-4	1898-5053	1128-686	2

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION



Y6-30-12

Boiler induced draft fan

Product overview

At present, there are many series of boilers, and the coal quality conditions used are quite different. After the dust removal equipment and waste heat utilization equipment are installed, the draft is insufficient, thus affecting the normal operation.
In order to overcome the insufficient draft caused by the above reasons, the positive pressure in the furnace, etc., which affects the combustion and normal operation of the boiler, various models of boiler induced draft fans with high efficiency matching the air volume and air pressure of the boiler are designed and manufactured for users to choose and apply.

Performance parameter table

No	Motor power (kW-P)	Speed (rpm)	Flow (m^3/h)	Total pressure (Pa)	Boiler capacity (t/h)
3.5C	0.75-2P	2350	655-1192	853-727	0.2
4.3C	1.5-2P	2260	1169-2125	1206-1020	0.2
4.8C	2.2-2P	2250	1619-2944	1490-1265	0.5
5.4C	3-2P	2300	2202-3963	2157-1833	0.5
6.5C	4-2P	2150	2926-4000	2383-2288	1
	5.5-2P		4263-4945	2206-2020	
7.5C	7.5-4P	1900	5216-6600	2598-2500	2
	11-4P	1900	7349-8771	2392-2196	
	7.5-4P	1800	5000-6500	2736-2530	
	11-4P	1800	7000-7800	2500-2432	
8.6C	18.5-4	1850	9494-14000	3226-3040	4
	22-4	1850	15967-17262	2883-2736	



Y5-47

Boiler centrifugal induced draft fan

Product overview

Y5-47 boiler centrifugal induced draft fan is a high-efficiency, low-noise industrial equipment, mainly used for industrial boilers and domestic boilers burning various coal qualities and equipped with smoke and dust removal devices. It has the characteristics of low noise, simple structure, flexible adjustment of air volume and air pressure, and is suitable for industrial boilers burning various coal qualities and equipped with smoke and dust removal devices. The conveying gas temperature is <250. The fan has two transmission modes, C type and D type, with water-cooled integral bearing seat and air volume adjustment door. If a vibration damper is selected, the user can directly place the fan on the cement floor without anchor bolts, which is easy to install and debug.

Performance characteristics

The maximum full pressure efficiency can reach more than 90%.
The conveying gas temperature less than 250°C.
The fan has high strength and wear resistance.
Low noise, simple structure, flexible adjustment of air volume and wind direction.

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

Y5-47 C-type boiler centrifugal induced draft fan performance parameter table

№	Speed (rpm)	Motor power (kW-P)	Flow (m^3/h)	Total pressure (Pa)
3.15	3250	1.5-2	1323-2496	1049-716
	2990	1.5-2	1218-2297	883-608
	2750	1.5-2	1120-2112	745-520
4	3300	4-2	2751-5190	1922-1393
	2900	3-2	2417-4561	1481-1079
5	2900	7.5-2	4723-8909	2324-1687
	2620	5.5-2	4267-8048	1893-1373
6	2850	18.5-2	8020-15129	3364-2452
	2620	15-2	7372-13908	2844-2069
7	2580	30-2	11529-21717	3756-2746
	2320	22-2	10367-19556	3040-2206
	2200	18.5-2	9830-18545	2736-1991
	2050	15-2	9159-17280	2373-1716
8	2020	30-4	13474-25417	3001-2187
	1860	22-4	12407-23404	2550-1853
9	1900	45-4	18045-34039	3364-2452
	1800	37-4	17095-32247	3020-2197

Y5-47 D-type boiler centrifugal induced draft fan performance parameter table

№	Speed (rpm)	Motor power (kW-P)	Flow (m^3/h)	Total pressure (Pa)
4	2870	3-2	2393-4514	1451-1059
5	2900	7.5-2	4723-8909	2324-1687
6	2930	22-2	8245-15553	3550-2589
10	1480	37-4	19281-31551	2697-2246
11	1480	55-4	25663-48410	3050-2216
12	1480	75-4	33318-50356	3628-3393
		110-4	54520-62850	3236-2638
12.4	1480	110-4	36762-69347	3874-2824



G6-41 Y6-41

Boiler centrifugal ventilation fan, Induced draft fan

Product overview

This product can be used in conjunction with industrial boilers. It can be used to configure the ventilator and exhaust fan of various industrial boilers with an evaporation capacity of 0.5~10th. The corresponding machine numbers usually matched with boilers are shown in the table below. This series of products has two types: left and right rotation blade. Both are single-inhalation types. The air outlet positions "left" and "right" can be made into four angles of 0°, 90°, 180°, and 270°. The fan transmission mode is a type A, and the exhaust fan transmission mode is a type C and D. The damper, base, and vibration damping pad can be configured according to user needs.

Product features

Suitable for industrial boilers burning various coal qualities and equipped with smoke removal devices;
Maximum full pressure efficiency>80%; Low noise design;
Left-hand blade and right-hand blade types available;
Support various air outlet angles.

Features

STRONG WIND FORCE

LOW NOISE AND STABLE

STRONG POWER

HIGH AIR VOLUME

SAFETY PROTECTION

G6-41-11 boiler ventilation fan performance parameters table

№	Speed (rpm)	Motor power (kW-P)	Flow (m^3/h)	Total pressure (Pa)	Boiler capacity (t/h)
2.5A	2800	0.55-2	1043-403	451-1155	0.5
3.3A	2825	1.1-2	2301-1090	954-1936	1
5.4A	1420	3-4	4358-2130	994-1254	2
6.4A	1440	5.5-4	7358-3596	1436-1811	4
7.1A	1400	7.5-4	10354-5349	1697-2270	6
8.5A	1470	18.5-4	18137-9369	2535-3391	10

Y6-41-11 boiler induced draft fan performance parameter table

№	Speed (rpm)	Motor power (kW-P)	Flow (m^3/h)	Total pressure (Pa)	Boiler capacity (t/h)
3.55C	2900	1.5-2	2962-841	588-1448	0.5
4C	3450	3-2	3996-1355	1893-2676	1
4.5C	2925	4-2	4970-2317	1667-2327	1
	3250	5.5-2	5522-2574	2058-2873	1
5.4C	2600	7.5-2	7980-3900	2002-2604	2
	2900	11-2	8901-4350	2491-3340	2
7.1C	1915	11-4	13770-7113	1859-2487	4
	2100	15-4	15100-7800	2236-2991	4
	2200	18.5-4	15819-8171	2454-3283	4
9C	1750	30-4	25630-13239	2495-3338	6
	1640	22-4	24019-12407	2191-2931	6
	1965	37-4	28719-14866	3145-4028	6
10C	1600	37-4	32144-16604	2575-3444	6
11.2D	1480	45-4	41773-21578	2764-3697	10
		55-4	41773-21578	3055-4086	10



CZR

Taiwan style aluminum shell blower

Product overview

CZR series centrifugal blower adopts all-aluminum alloy shell, with the characteristics of low noise, large air volume, high air pressure, low power consumption, low temperature rise, beautiful appearance, etc. It is suitable for supporting mechanical equipment. The air inlet adopts adjustable design, which is suitable for the ventilation and pressurization requirements of supporting machinery. It is used in occasions that require combustion support, such as small boilers in homes and canteens.

Performance parameter table

№	Voltage (V)	frequency (Hz)	Motor power (W)	Air volume (m^3/h)	Speed (rpm)
2"	110/220	50/60	150	192	3000/3600
2"	110/220	50/60	260	390	3000/3600
3"	110/220	50/60	370	510	3000/3600
4"	110/220	50/60	550	620	3000/3600
5"	110/220	50/60	750	735	3000/3600

Features

STRONG WIND FORCE

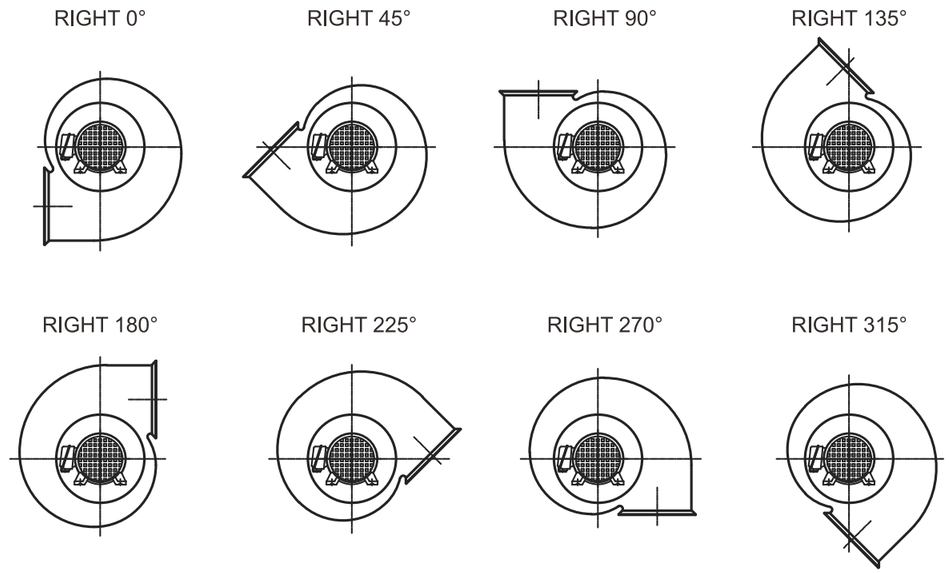
LOW NOISE AND STABLE

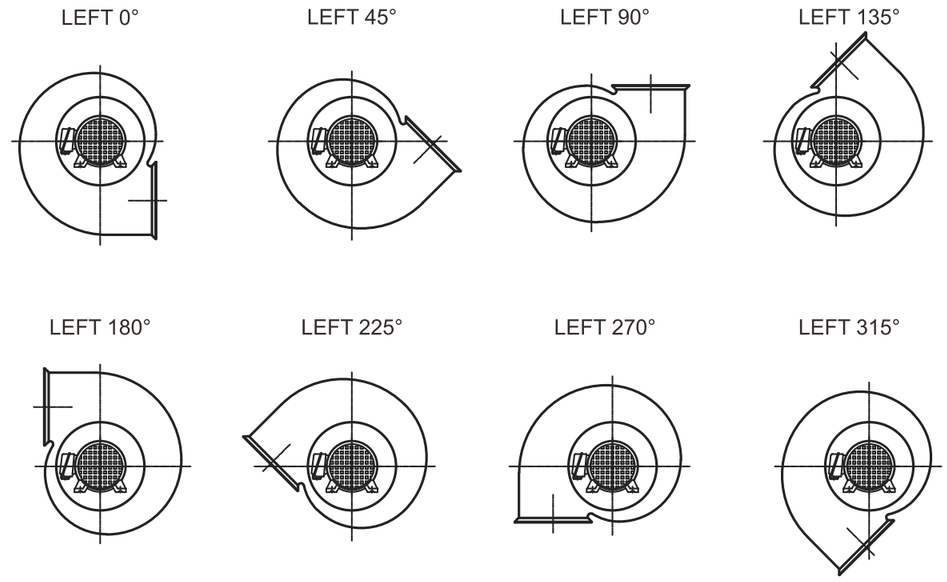
STRONG POWER

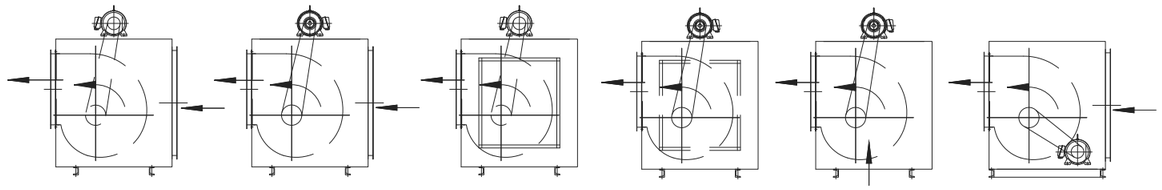
HIGH AIR VOLUME

SAFETY PROTECTION

Schematic diagram of centrifugal fan rotation angle (viewed from the motor direction)







0°upper outlet, 0°inlet, motor position as shown in the figure

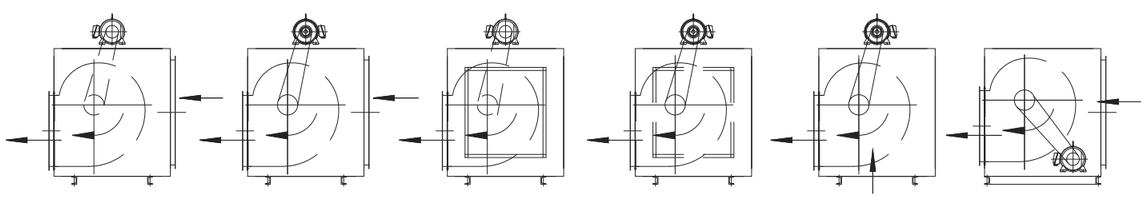
0°upper outlet, 0°inlet, motor position as shown in the figure

0°upper outlet, inlet on right, motor position as shown in the figure

0°upper outlet, inlet on left, motor position as shown in the figure

0°upper outlet, lower inlet, motor position as shown in the figure

0°upper outlet,0°inlet, motor position as shown in the figure



0°lower outlet,0°inlet, motor position as shown in the figure

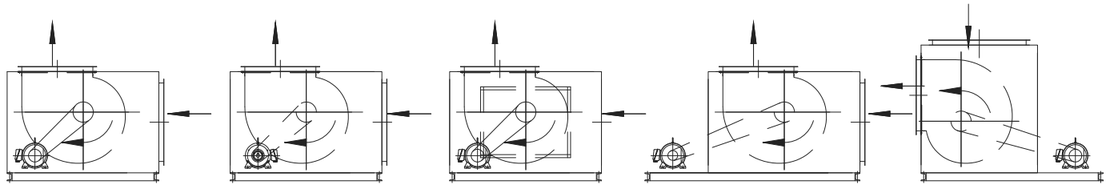
0°lower outlet,0°inlet, motor position as shown in the figure

0°lower outlet, inlet on right, motor position as shown in the figure

0°lower outlet, inlet on left, motor position as shown in the figure

0°lower outlet, lower inlet, motor position as shown in the figure

0°lower outlet, 0°inlet, motor position as shown in the figure



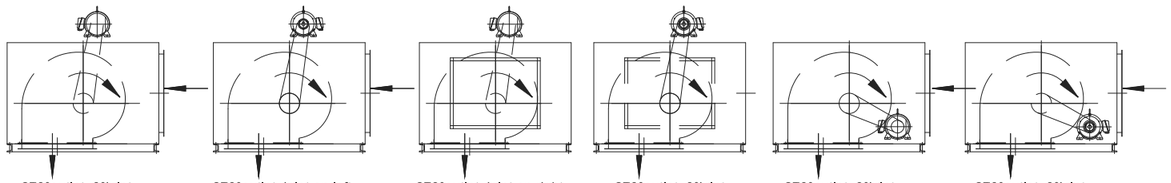
90°outlet, 0°inlet, motor position as shown in the figure

90°outlet, 0°inlet, motor position as shown in the figure

90°outlet, inlet on right, motor position as shown in the figure

90°outlet, 0°inlet, motor position as shown in the figure

90°upper outlet, 90°inlet, motor position as shown in the figure



270°outlet, 0°inlet, motor position as shown in the figure

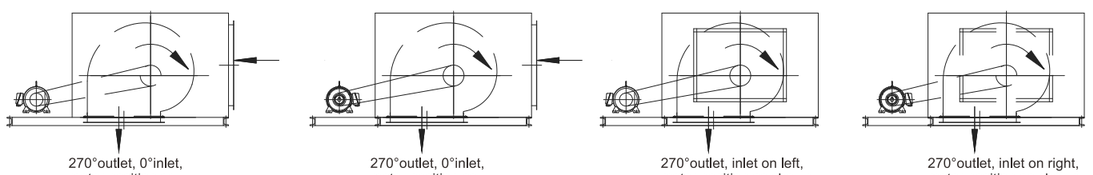
270°outlet, inlet on left, motor position as shown in the figure

270°outlet, inlet on right, motor position as shown in the figure

270°outlet, 0°inlet, motor position as shown in the figure

270°outlet, 0°inlet, motor position as shown in the figure

270°outlet, 0°inlet, motor position as shown in the figure

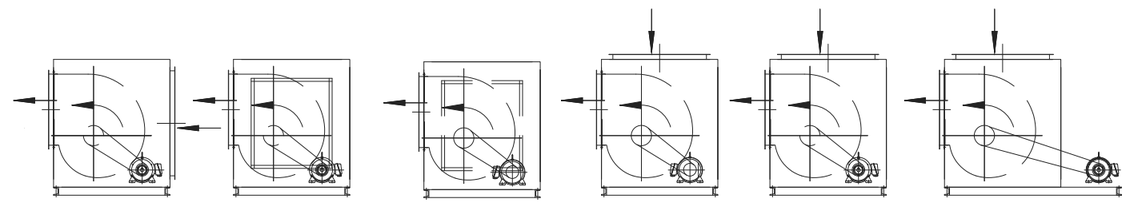


270°outlet, 0°inlet, motor position as shown in the figure

270°outlet, 0°inlet, motor position as shown in the figure

270°outlet, inlet on left, motor position as shown in the figure

270°outlet, inlet on right, motor position as shown in the figure



0°upper outlet, 0°inlet, motor position as shown in the figure

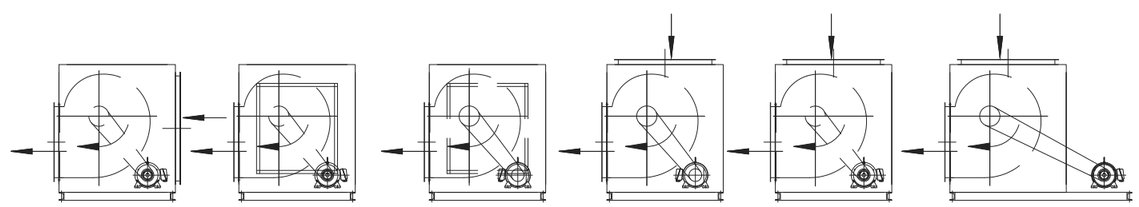
0°upper outlet, inlet on right, motor position as shown in the figure

0°upper outlet, inlet on left, motor position as shown in the figure

0°upper outlet,90°inlet, motor position as shown in the figure

0°upper outlet, 90°inlet , motor position as shown in the figure

180°outlet, 90°inlet , motor position as shown in the figure



0°lower outlet, 0°inlet , motor position as shown in the figure

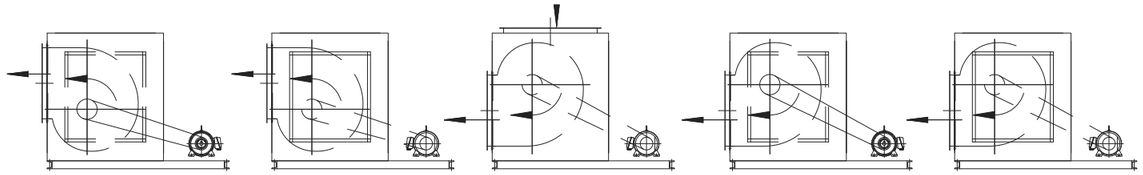
0°lower outlet, inlet on right, motor position as shown in the figure

0°lower outlet, inlet on left, motor position as shown in the figure

0°lower outlet,90°inlet, motor position as shown in the figure

0°lower outlet,90°inlet, motor position as shown in the figure

0°lower outlet,90°inlet, motor position as shown in the figure



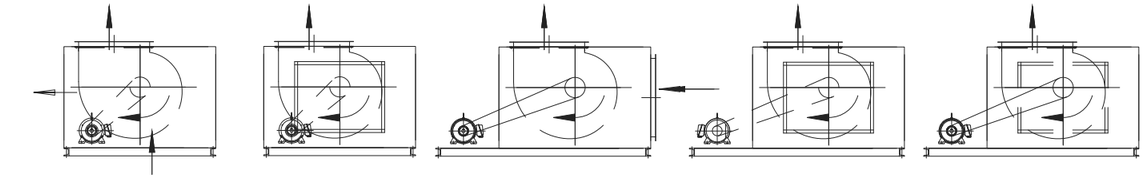
0°upper outlet, inlet on left, motor position as shown in the figure

0°upper outlet, inlet on right, motor position as shown in the figure

0°lower outlet, 90°inlet, motor position as shown in the figure

0°lower outlet, inlet on left, motor position as shown in the figure

0°lower outlet, inlet on right, motor position as shown in the figure



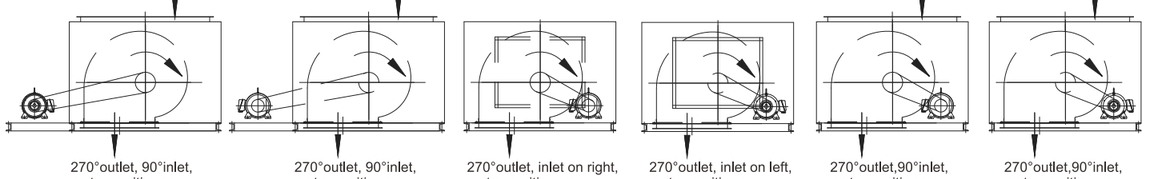
90°lower outlet, lower inlet, motor position as shown in the figure

90°outlet, inlet on left, motor position as shown in the figure

90°outlet, 0°inlet, motor position as shown in the figure

90°outlet, inlet on left, motor position as shown in the figure

90°outlet, inlet on right, motor position as shown in the figure



270°outlet, 90°inlet, motor position as shown in the figure

270°outlet, 90°inlet, motor position as shown in the figure

270°outlet, inlet on right, motor position as shown in the figure

270°outlet, inlet on left, motor position as shown in the figure

270°outlet,90°inlet, motor position as shown in the figure

270°outlet,90°inlet, motor position as shown in the figure