Engineered for the Critical

World's Largest Selection of Fan Products
World's Most Comprehensive Fan Solutions



LONGWELL®
Turn to Experts - HVAC&R

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CE RoHS BSCI ISO EAC UL LVD

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LONGWELL TECHNOLOGY

The Ventilation and Drive Technology Partner for Mission-Critical Environments







Professional Manufacturer of HVACR Fan & Motors

—— Industrial Centrifugal Fan

Longwell Group
Longwell-China
Longwell-USA
Longwell-Russia
Longwell-Europe

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About Longwell

The Ventilation and Drive Technology Partner for Mission-Critical Environments

OEM for Well-Known Brands | **Supplies Fortune 500 Companies** | **Global Technical Support**

LONGWELL is a leading fan manufacturer, specializing in high-quality fans, blowers, motors, and components for heating, ventilation, air conditioning, and refrigeration applications. We have a strong presence in delivery capabilities, design and R&D capabilities, as well as manufacturing, placing us at the forefront of the industry.

Our product range includes EC/DC/AC centrifugal fans, axial fans, AC/BLDC cross-flow fans, single/double forward curved fans, AC/BLDC/ECM motors, and industrial fan blowers. Since our establishment in 1990, we have continuously upgraded our facilities and production capacity, boasting advanced testing labs and production facilities with an annual capacity of millions of fans. With over 20 years of experience, we are highly skilled in the design, development, and manufacture of fans and motors. We export to over 30 countries and serve numerous Fortune 500 clients.

Our facilities and products are compliant with certifications such as ISO9001, ISO14001, BSCI, CE, UL/ETL, CCC, EMC, and LVD. These certifications demonstrate our compliance in quality management, environmental management, social responsibility, and product safety. We are quality-oriented and dedicated to providing products and services that meet international standards.

Equipped with advanced testing labs and production facilities, including a B&K noise lab, CFD simulation lab, air dynamics test chambers, automatic welding machines, CNC machining centers, and auto robot injection machines, we ensure efficient production and on-time delivery.

As industry leaders, we prioritize technological innovation and efficiency. We employ advanced technologies such as aerodynamics principles and CFD simulation to ensure precise and efficient fan designs. Additionally, we offer customized services to design and manufacture fan systems according to specific customer requirements. Our focus is on providing high-tech, high-efficiency products that meet our customers' needs and contribute to a better future.

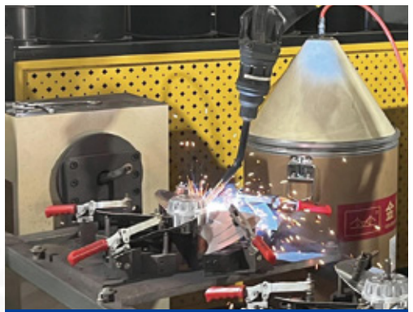
At LONGWELL, innovation is at the core of our operations, driving continuous improvement. With our extensive experience and expertise, we can quickly customize solutions that meet customer needs. We emphasize technological sophistication, utilizing advanced technologies and high-performance materials to deliver products that are efficient, safe, and reliable. Our brand is widely recognized globally, and we are committed to promoting sustainable development and advancing the efficient fan industry.

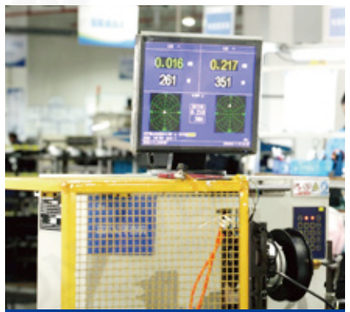
LONGWELL looks forward to collaborating with you and providing high-quality customized fan and motor solutions. Please feel free to contact us as we work together to create a brighter future.

193	40000㎡	500+	1Million+PCS	6	50+
Staff	Floor Space	Branding Clients	Annual Outputs	Overseas Offices on Spot Support	Members R&D Team


B&K Noise Testing Lab


Production Line


Automatic Welding

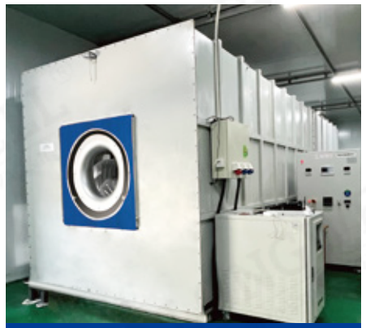


Balance Machine


Automatic Welding Machine


Production Line - Centrifugal Fan


Automatic CNC Machine


Air Dynamic Test Lab


Production Line - Axial Fans


Production Line

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Testing and Standards

- ISO GB/T 19001-2016 idt ISO 9001:2015/GB/T 24001-2016 idt ISO 14001:2015/GB/T 45001-2020 idt ISO 45001:2018
- UL 507:2017 Ed.10+R:27/CSA C22.2#113:2018 Ed.11
- BSCI ANSI C63.4:2014/ANSI C63.4a-2017
- EN IEC 55014-1:2021/EN IEC 55014-2:2021/EN IEC 61000-3-2:2019 +A1:2021
  EN 61000-3-3:2013 +A1:2019 +A2:2021 +AC:2022-01
  EN 60335-2-80:2003 +A1:2004 +A2:2009;
  EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019+A14:2019 +A2:2019+A15:2021
  EN 62321-1:2013/EN 62321-2:2014/EN 62321-3-1:2014
  EN 62321-4:2014+A1:2017/EN 62321-5:2014/EN 62321-6:2015
  EN 62321-7-1:2015/EN 62321-7-2:2017/EN 62321-8:2017







Enterprise Credit Evaluation Certificate - Hightest Level in China

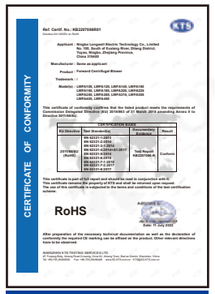

Own-Brand


Own-Brand


ETL


ETL

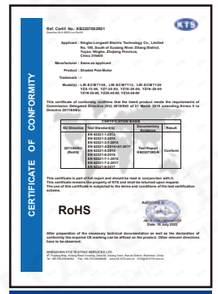

CE


RoHS


CE


CE


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RoHS


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ISO 9001


ISO 9001


RoHS


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RoHS


RoHS


CE

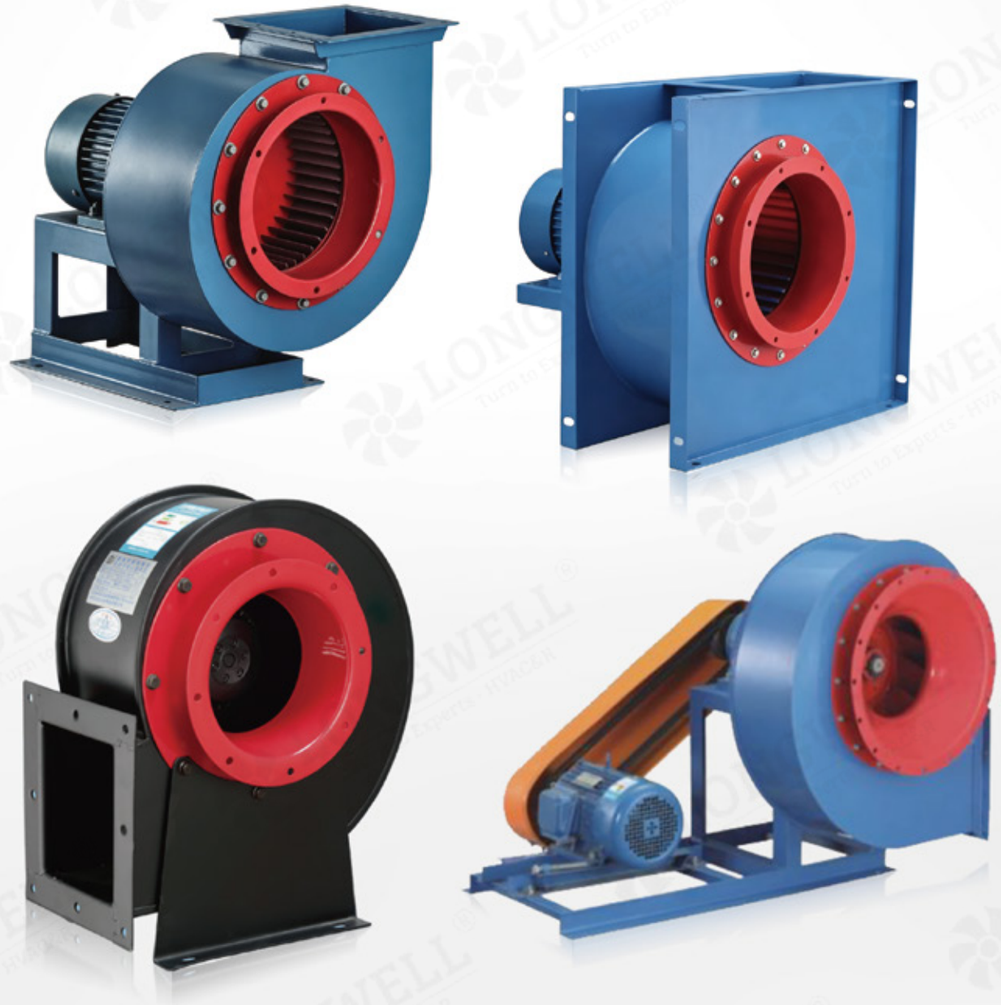

CE


CE

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Industrial Centrifugal Fan

Professional HVAC Fan &Motors Manufacturer



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Type Code

LW ERC EX M R - 2A - 0.12 - 2P - 1 - 001

- Series Number
- 1-Single-phase
  3-Three-phase
- Poles
- Power(KW)
- Blade Diameter: 2A=2×100=200mm
- /-Standard R-Reinforced Type
- /-Direct Drive M-Belt Drive
- /-Standard EX-Explosion-proof Type FR-Anticorrosive Type
  - ERC: External Rotor Energy Saving Centrifugal Fan
  - MPF: Middle Pressure Blower FDF-11: Low Noise Multi-Vane Centrifugal Fan
  - KXF: Oil Smoke Exhausting Centrifugal Fan
  - FDF11-62: Low Noise Multi-Vane Centrifugal Fan LDB: Low Noise Centrifugal Blower
  - FDF11-66: New Type Efficient Energy Saving Low Noise Oil-smoke Exhaust Fan
  - KXF2A: Volute Casing General Ventilation Fan
  - LWKXF2B: Kitchen Exhaust Dedicated Centrifugal Fan
  - ERQ: Series External Rotor Energy Saving Centrifugal Fan
  - FDF4-72/FDF4-79A/FDF4-2X79E/FDF4-68: Centrifugal Fan
  - FDF5-70: Double Outlets Centrifugal Fan
  - HFDF9-19/HFDF9-26/HFDF8-09/HFDF9-12/HFDF5-29: High Pressure Centrifugal Fan
  - HCF6-33: Aluminum High Pressure Centrifugal Blower
  - HFDF9-12: Flute High Pressure Centrifugal Fan
  - FDF6-48/FDF4-73: Dust Exhausting Centrifugal Fan
  - FDF6-30/IDF6-30: Boiler Used Ventilating/Introduced Draft Fan
  - IDF5-47/IDF6-41: Boiler Induced Draft Fan
  - HTIDF5-47: Boiler Used High Temperature Draft Fan
  - IDF9-19/IDF9-26: Boiler Used Introduced Draft Fan
  - CF6-30: Grain and Powder Centrifugal Fan
- LW-Longwell

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LWERC Series External Rotor Energy Saving Centrifugal Fan

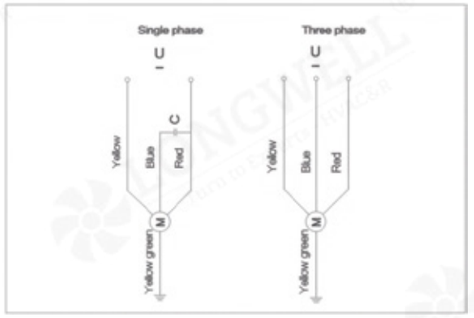
Performance Introduction



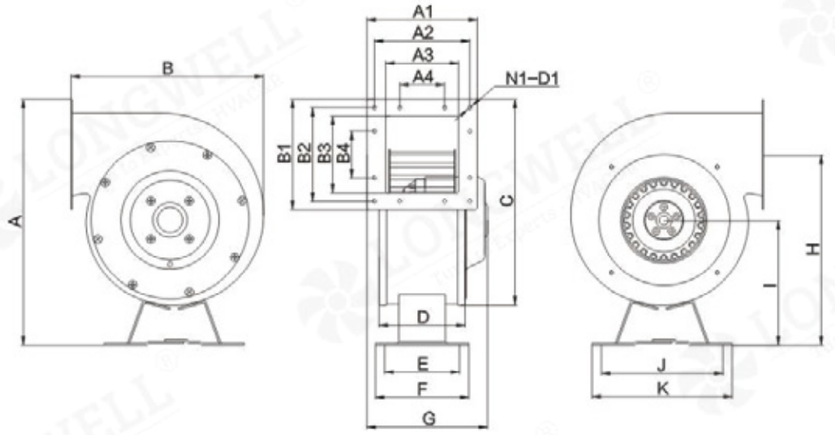
- LWERC series centrifugal fan for the external rotor motor, external rotor motors of the series with a compact, easy to install, reliable operation, low noise, energy efficient features.
- LWERC series centrifugal fan into operation two single-phase and three-phase asynchronous induction capacitor run. A wide variety of ground control facilities for electronic equipment forced ventilation, dust can also be used for pipe, the exhaust heat, infiatable advertising model, environmental protection and pollution control, etc.
- LWERC series centrifugal fan insulation class B, class F. Protection class IP44, IP54.
- Voltage: single-phase capacitor run fan to 220V/50Hz, three phase wind is 380V/50Hz. We can follow customer demand for the production of different voltages, fan frequency.
- Fan for ambient temperatures between-30℃-60℃, relative humidity less than 90%, Altitude less than 1000m.
- The average fan is applicable to life more than 30,000 hours.
- Must be a ground wire motor with external grounding device before connecting the fan to use effectively.
- Fan characteristic curves are circles under wind conditions and does not cover screening tests.

Product Characteristic

- Mode of Operation: S1
- Insulation Class: B/F
- Protection Class: IP44/IP54
- Ambient Temperature: -30℃~+60℃



Mounting Dimensions



Installation Dimension Sheet

Model	A1	A2	A3	A4	B1	B2	B3	B4	N1-D1	A	B	C	D	E	F	G	H	I	J	K	Weight
LWERC-1A	100	78	63	/	80	58	46	/	4-Φ8	176	225	183	66	80	100	107	185	124	130	150	2.8
LWERC-2A	100	78	63	/	80	58	46	/	4-Φ8	176	225	183	66	80	100	107	185	124	130	150	2.8
LWERC-3A	118	102	78	48	118	100	82	50	12-Φ4	206	263	220	92	80	100	129	203	133	130	150	4.5
LWERC-4A	118	102	78	48	118	100	82	50	12-Φ4	206	263	220	92	80	100	129	203	133	130	150	4.5
LWERC-5A	118	102	78	48	118	100	82	50	12-Φ4	206	263	220	92	80	100	129	203	133	130	150	4.5

Technical Specifications

Model	Voltage (V)	Power (W)	Speed (r/min)	Air Volume (m³/min)	Total Pressure (Pa)	Noise [dB(A)]
LWERC-1A-0.06-2P-1-001	220	60	2600	3.2	280	62
LWERC-1A-0.06-2P-3-002	380	60	2600	3.2	280	62
LWERC-2A-0.12-2P-1-001	220	120	2600	3.6	300	62
LWERC-2A-0.12-2P-3-002	380	120	2600	3.6	300	62
LWERC-3A-0.18-2P-1-001	220	180	2600	3.9	320	62
LWERC-3A-0.18-2P-3-002	380	180	2600	3.9	320	62
LWERC-4A-0.2-2P-1-001	220	200	2600	8.5	400	62
LWERC-4A-0.2-2P-3-002	380	200	2600	8.5	400	62
LWERC-5A-0.24-2P-1-001	220	240	2600	9.2	430	62
LWERC-5A-0.24-2P-3-002	380	240	2600	9.2	430	62

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LWERQ Series External Rotor Energy Saving Centrifugal Fan

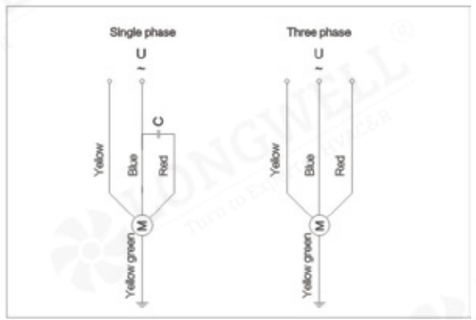
Performance Introduction



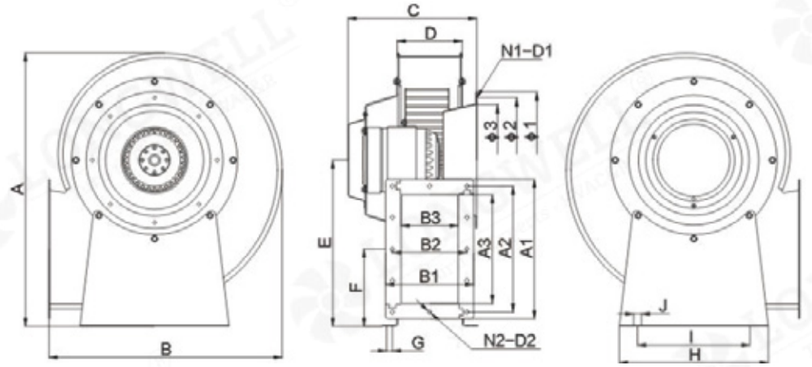
- LWERQ series centrifugal fan for the external rotor motor, external rotor motors of the series with a compact, easy to install, reliable operation, low noise, energy efficient features.
- LWERQ series centrifugal fan into operation two single-phase and three-phase asynchronous induction capacitor run. Widely used in senior buildings, hotels, hotels hoods, laboratories, factories, ships and other places of basement ventilation, dust emission, ventilation and so on.
- LWERQ series centrifugal fan insulation class B, class F.
- Voltage: single-phase capacitor run fan to 220V/50Hz, three phase fan is 380V/50Hz. We can follow customer demand for the production of different voltages, fan frequency.
- Fan for ambient temperatures between -30℃~+60℃, relative humidity less than 90%, Altitude less than 1000m.
- The average fan is applicable to life more than 30,000 hours.
- Must be a ground wire motor with external grounding device before connecting the fan to use effectively.
- Fan characteristic curves are circles under wind conditions and does not cover screening tests.

Product Characteristic

- Work: S1
- Insulation Class: B/F
- Protection Class: IP44/IP54
- Ambient Temperature: -30℃~+60℃



Mounting Dimensions



Installation Dimension Sheet

Model	Inlet Size				Outlet Size							Overall Dimensions										Weight
	Φ1	Φ2	Φ3	N1-D1	A1	A2	A3	B1	B2	B3	N2-D2	A	B	C	D	E	F	G	H	I	J	
LWERQ-1.5A	Φ160	Φ140	Φ116	6-Φ7	135	107	71	170	142	106	4-Φ8	301	250	190	116	184	88	4-Φ8	185	139	16	8
LWERQ-2A	Φ195	Φ175	Φ150	6-Φ7	202	174	138	183	155	119	8-Φ8	389	321	223	135	245	119	4-Φ11	220	164	16	11.25
LWERQ-2.5A	Φ230	Φ205	Φ180	8-Φ7	272	244	208	183	155	199	8-Φ8	478	413	223	135	292	150	4-Φ11	270	204	16	17.55
LWERQ-3A	Φ284	Φ260	Φ232	8-Φ7	290	262	226	183	155	119	12-Φ8	569	485	268	135	346	161	4-Φ11	310	234	16	27
LWERQ-3.5A	Φ355	Φ320	Φ280	8-Φ10	307	277	247	309	279	249	20-Φ7	672	542	395	249	410	182	4-Φ12	400	260	30	45
LWERQ-4A	Φ395	Φ355	Φ315	8-Φ10	343	313	283	309	279	249	14-Φ8.5	764	618	427	250	460	200	4-Φ12	450	350	30	50

Technical Specifications

Model	Voltage (V)	Power (W)	Speed (r/min)	Air Volume (m^3/h)	Total Pressure (Pa)	Noise [dB(A)]
LWERQ-1.5A-0.24-2P-1-001	220	240	2650	630	480	70
LWERQ-1.5A-0.24-2P-3-002	380	240	2650	630	480	70
LWERQ-2A-0.235-4P-1-001	220	235	1450	1380	400	62
LWERQ-2A-0.22-4P-3-002	380	220	1450	1380	400	62
LWERQ-2.5A-0.48-4P-1-001	220	480	1450	2100	490	65
LWERQ-2.5A-0.385-4P-3-002	380	385	1450	2100	490	65
LWERQ-3A-0.83-4P-1-001	220	830	1450	3050	600	68
LWERQ-3A-0.9-4P-3-002	380	900	1450	3050	600	68
LWERQ-3.5A-1.8-4P-3-001	380	1800	1480	4900	800	75
LWERQ-4A-1.8-6P-3-001	380	1800	960	6200	580	70

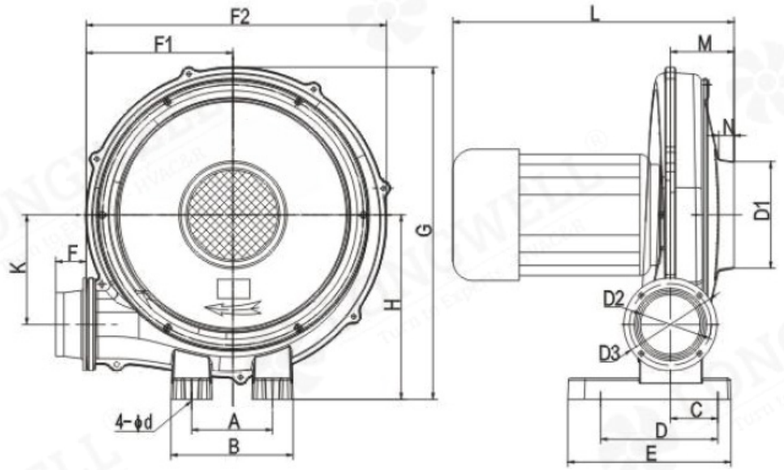
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LWMPF Middle Pressure Blower



Performance Introduction

The low noise, powerful, middle pressure blower is characterized with themerits of low noise, large wind rate, high pressure, small body, light weight and easy for installation. It is widely used in various places for conduit wind conveying, conveying of low density media. It is the first selection matching product for plastic machinery, printing machinery, textile machinery, cooking machinery, diesel machinery and diesel gsaification machinery and so on.



Installation Dimension Sheet

Model	A	B	C	D	E	F	F1	F2	G	H	K	L	M	N	D1	D2	D3	4-Φd	Weight (kg)
LWMPF-0.6A-0.12-2P-1-001	80	121	47	116	161	30	145	297	329	183	108	251	63	15	106	63	92	18	6.5
LWMPF-0.63A-0.18-2P-1-001	80	121	47	116	161	30	145	297	329	183	108	232	63	15	106	63	92	18	6.5
LWMPF-0.67A-0.25-2P-1-001	80	121	47	116	161	30	145	297	329	183	108	251	63	15	106	63	92	18	6.5
LWMPF-0.76A-0.37-2P-1-001	137	184	60	149	194	30	182	388	435	243	161	287	70	15	134	75	108	18	10
LWMPF-0.76A-0.55-2P-1-002	137	184	60	149	194	30	202	421	463	255	178	283	71	15	137	75	108	18	12.5
LWMPF-0.80A-0.75-2P-1-001	137	184	60	149	194	30	202	421	463	255	178	302	71	15	137	75	108	18	12.5
LWMPF-0.96A-1.1-2P-1-001	139	192	64	180	229	51	213	458	495	270	185	314	83	15	137	100	138	18	14

Technical Specifications

Model	Air outlet diameter (mm)	Air Volume (m^3/h)	Air pressure (Kpa)	Noise [dB(A)]	Power (W)	Voltage (V)	Frequency (Hz)	Speed (r/min)
LWMPF-0.4A-0.09-2P-1-001	40	≥4	≥1.17	＜55	90	220	50	2800
LWMPF-0.4A-0.12-2P-1-002	40	≥5	≥1.3	＜55	120	220	50	2800
LWMPF-0.45A-0.16-2P-1-001	45	≥6	≥1.3	＜55	160	220	50	2800
LWMPF-0.45A-0.18-2P-1-002	45	≥8	≥1.43	＜55	180	220	50	2800
LWMPF-0.6A-0.12-2P-1-001	60	≥5	≥1.3	＜60	120	220	50	2800
LWMPF-0.63A-0.18-2P-1-001	63	≥8	≥1.3	＜60	180	220	50	2800
LWMPF-0.67A-0.25-2P-1-001	67	≥9.5	≥1.43	＜60	250	220	50	2800
LWMPF-0.76A-0.37-2P-1-001	76	≥13	≥1.95	＜65	370	220/380	50	2800
LWMPF-0.76A-0.55-2P-1-002	76	≥15	≥2.21	＜70	550	220/380	50	2800
LWMPF-0.80A-0.75-2P-1-001	80	≥17	≥2.73	＜75	750	220/380	50	2800
LWMPF-0.96A-1.1-2P-1-001	96	≥19	≥3.26	＜80	1100	220/380	50	2800

LWKXF Oil Smoke Exhausting Centrifugal Fan

Performance Introduction

LWKXF Series Multi-vane Low Noise Centrifugal Fan. We improved and modified the design, manufacture for the fan specially to meet the requirements of the user and make it easier to maintain the fan. The LWKXF Series Fan is improved the pressure, flow rate, is pressure curve is stable, higher efficiency, more powerful ability to overcome the pipeline resistance. It is more suitable for air-exchanging for high architecture and smoke gas exhausting for kitchen. (Note: This fan must be used with high pipeline resistance.) A Type Common casing, B type Square casing, C Type Barrel casing.

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Type A

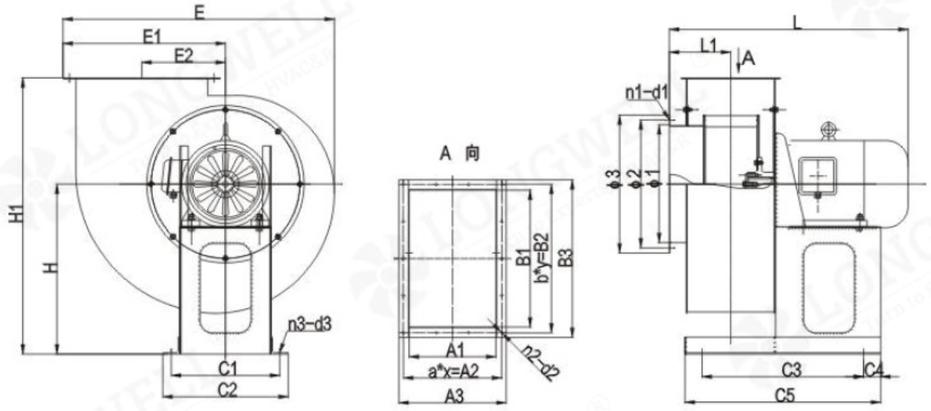


Type B

Technical Specifications

Model	Speed (r/min)	Power (KW-P)	Air Volume (m^3/h)	Total Pressure (Pa)
LWKXF-2A-1.1-2P-1-001	2900	1.1-2	2960-2300	820-1100
LWKXF-2A-0.37-4P-1-002	1450	0.37-4	1620-1300	320-450
LWKXF-2.25A-2.2-2P-1-001	2900	2.2-2	4227-3345	1644-1741
LWKXF-2.25A-0.37-4P-1-002	1450	0.37-4	2249-1850	427-445
LWKXF-2.5A-1.1-4P-1-003	1450	1.1-4	3322-2600	760-850
LWKXF-2.8A-1.5-4P-1-001	1450	1.5-4	5400-4082	798-890
LWKXF-3A-2.2-4P-1-001	1450	2.2-4	6275-5032	876-960
LWKXF-3.2A-3-4P-1-001	1450	3-4	7381-6231	938-1008
LWKXF-3.2A-0.75-6P-1-002	960	0.75-6	4887-4130	291-389
LWKXF-3.5A-4-4P-1-001	1450	4-4	9354-7267	1120-1276
LWKXF-3.5A-1.1-6P-1-002	960	1.1-6	5352-464	361-526
LWKXF-4A-7.5-4P-1-001	1450	7.5-4	13696-9500	1220-1530
LWKXF-4A-2.2-6P-1-002	960	2.2-6	9014-6608	471-592
LWKXF-4.5A-4-6P-1-001	960	4-6	13100-8500	573-811
LWKXF-5A-11-6P-1-001	960	11-6	24000-18000	960-1068
LWKXF-5.6A-15-6P-1-001	960	15-6	25268-19274	1225-1429
LWKXF-5.6A-7.5-8P-1-002	720	7.5-8	18951-14455	703-803
LWKXF-6.3A-15-8P-1-001	720	15-8	30993-25665	900-1034
LWKXF-6.3A-15-6P-1-002	960	15-6	33000-30000	900-1200

Mounting Dimensions



LWKXF Installation Dimension Sheet

Model	Motor Power	Inlet Size							Outlet Size					Overall Dimensions												
		Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	C1	C2	C3	C4	C5	E	E1	E2	H	H1	L	L1	n3-d3
LWKXF-2A	1.1-2	160	180	196	6-Φ7	120	160	188	2×80	200	240	268	3×80	10-Φ8	205	235	220	40	300	402	248	114	260	418	380	98	4-Φ10
LWKXF-2A	0.37-4	160	180	196	6-Φ7	120	160	188	2×80	200	240	268	3×80	10-Φ8	205	235	220	40	300	402	248	114	260	418	380	98	4-Φ10
LWKXF-2.25A	2.2-2	170	195	215	6-Φ8	137	175	203	2×87.5	166	204	232	3×68	10-Φ8	205	235	250	40	330	420	259	139	310	475	469	101	4-Φ10
LWKXF-2.25A	0.37-4	170	195	215	6-Φ8	137	175	203	2×87.5	166	204	232	3×68	10-Φ8	205	235	250	40	330	420	259	139	298	461	395	101	4-Φ10
LWKXF-2.5A	1.1-4	210	235	260	6-Φ8	158	190	218	2×90	165	197	225	2×98.5	8-Φ8	225	255	335	40	415	428	250	133	280	465	468	116	4-Φ14
LWKXF-2.8A	1.5-4	238	265	288	6-Φ8	178	210	238	2×105	260	292	320	3×97.3	10-Φ8	225	255	335	40	435	552	334	167	350	573	510	126	4-Φ14
LWKXF-3A	2.2-4	260	290	314	6-Φ8	184	223	251	3×74.3	243	282	310	4×70.5	14-Φ8	255	295	375	40	455	556	335	180	380	600	570	133	4-Φ14
LWKXF-3.2A	3-4	275	300	325	6-Φ8	202	234	262	3×78	302	334	362	3×111.3	12-Φ8	255	295	380	40	460	638	382	197	400	650	562	146	4-Φ14
LWKXF-3.2A	0.75-6	275	300	325	6-Φ8	202	234	262	3×78	302	334	362	3×111.3	12-Φ8	235	275	380	40	460	638	382	197	400	650	512	146	4-Φ14
LWKXF-3.5A	4-4	290	315	340	6-Φ8	223	255	283	3×85	346	378	406	4×94.5	14-Φ8	285	325	465	40	545	690	410	206	730	450	615	156	4-Φ14
LWKXF-3.5A	1.1-6	290	315	340	6-Φ8	223	255	283	3×85	346	378	406	4×94.5	14-Φ8	235	275	380	40	460	690	410	206	730	450	565	156	4-Φ14
LWKXF-4A	7.5-4	340	370	400	6-Φ8	255	287	315	3×95.6	376	415	443	4×94.5	16-Φ8	356	396	500	40	580	792	471	249	797	500	737	171	4-Φ14
LWKXF-4A	2.2-6	340	370	400	6-Φ8	255	287	315	3×95.6	376	415	443	4×94.5	16-Φ8	285	325	500	40	580	792	471	249	797	500	642	171	4-Φ14
LWKXF-4.5A	4-6	380	415	450	8-Φ10	390	422	450	4×79.3	376	415	443	5×84.4	8-Φ8	366	416	505	50	605	850	516	286	875	550	770	188	4-Φ14
LWKXF-5A	11-6	390	450	470	12-Φ10	342	374	402	4×93.5	370	402	430	4×100.5	16-Φ8	400	450	755	50	855	964	574	342	1008	620	944	220	4-Φ14
LWKXF-5.6A	15-6	470	515	550	12-Φ10	382	414	442	4×103.5	415	454	482	4×113.5	16-Φ8	400	450	790	50	890	1073	634	384	1135	700	967	272	4-Φ14
LWKXF-5.6A	7.5-8	470	515	550	12-Φ10	382	414	442	4×103.5	415	454	482	4×113.5	16-Φ8	480	540	770	60	890	1073	634	384	1135	700	1047	272	4-Φ14
LWKXF-6.3A	15-6	536	565	600	12-Φ12	430	462	490	4×115.5	466	498	526	4×124.5	16-Φ8	480	540	820	60	940	1182	688	432	1253	760	1095	274	4-Φ14
LWKXF-6.3A	15-8	536	565	600	12-Φ12	430	462	490	4×115.5	466	498	526	4×124.5	16-Φ8	460	520	900	60	1020	1182	688	432	1253	760	1160	274	4-Φ14

Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

LWKXF2A Volute Casing General Ventilation Fan
LWKXF2B Kitchen Exhaust Dedicated Centrifugal Fan

Performance Introduction

Model LWKXF2A/B Centrifugal Fan is a new model absorbed American technology. It is suitable for conveying gas halmless to human health, non-corrosive, non-self-combustible, and without adhesive substance. The temperature no higher than 80℃, and the dust and hard grain contents no more than 150mg/m³.

This Fan can be improved to be anti-corrosive, anti-explosion model. It has compact structure, perfect appearance, convenient to install. It's suitable for ventilating in general architecture, factories, hotels, etc.



Type A



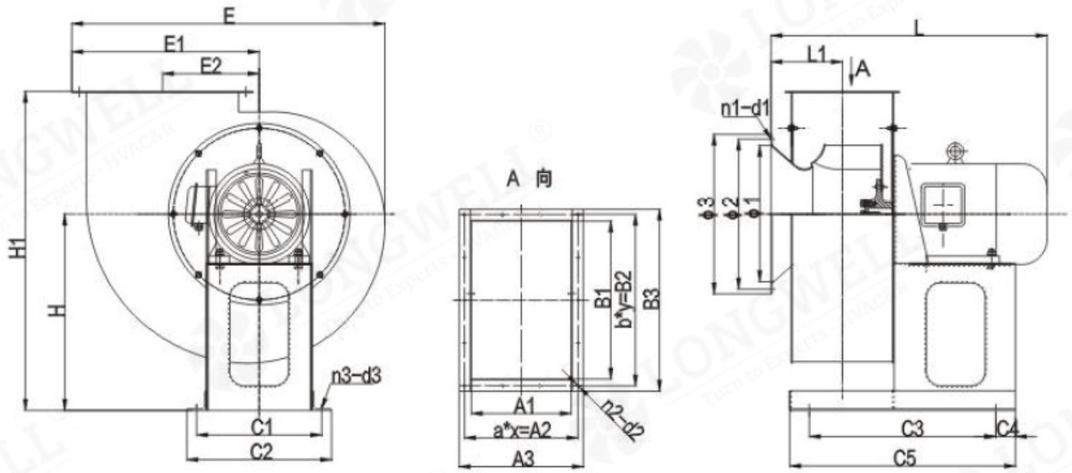
Type B

Technical Specifications

Model	Speed (r/min)	Power (Kw-p)	Air Volume (m³/h)	Total Pressure (Pa)
LWKXF2A-2.8A/B-2.2-2P-1-001	2900	2.2-2	4765-1696	735-1372
LWKXF2A-3.2A/B-3-2P-1-001	2900	3-2	7257-2498	1089-1777
LWKXF2A-3.2A/B-0.55-4P-1-002	1450	0.55-4	3628-1191	273-444
LWKXF2A-3.6A/B-4-2P-1-001	2900	4-2	10972-3643	1251-2229
LWKXF2A-3.6A/B-1.1-4P-1-002	1450	1.1-4	5486-1821	312-556

Model	Speed (r/min)	Power (Kw-p)	Air Volume (m³/h)	Total Pressure (Pa)
LWKXF2A/B-4A-7.5-2P-1-001	2900	7.5-2	13445-5124	1414-2654
LWKXF2A/B-4A-1.5-4P-1-002	1450	1.5-4	6722-2561	370-694
LWKXF2A/B-4.5A-11-2P-1-001	2900	11-2	20288-7103	1899-3352
LWKXF2A/B-4.5A-2.2-4P-1-002	1450	2.2-4	10144-3551	474-837
LWKXF2A/B-4.5A-0.75-6P-1-003	960	0.75-6	6716-2351	207-367
LWKXF2A/B-5A-3-4P-1-001	1450	3-4	13338-4263	634-1043
LWKXF2A/B-5A-1.5-6P-1-002	960	1.5-6	8830-2821	287-457
LWKXF2A/B-5.6A-5.5-4P-1-001	1450	5.5-4	18638-6205	695-1267
LWKXF2A/B-5.6A-2.2-6P-1-002	960	2.2-6	12339-4107	304-555
LWKXF2A/B-6A-7.5-4P-1-001	1450	7.5-4	24955-8264	876-1482
LWKXF2A/B-6A-3-6P-1-002	960	3-6	16522-5710	384-649
LWKXF2A/B-7.1A-15-4P-1-001	1450	15-4	40602-13884	1410-2109
LWKXF2A/B-7.1A-4-6P-1-002	960	4-6	28859-9192	554-925
LWKXF2A/B-7.1A-3-8P-1-003	720	3-8	21644-6894	311-519

Mounting Dimensions



LWKXF2A/B Installation Dimension Sheet

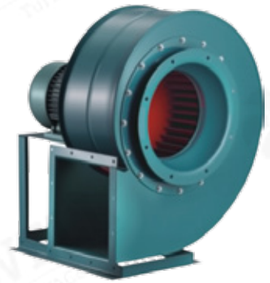
Model	Motor Power	Inlet Size						Outlet Size					Overall Dimensions												
		Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	C1	C2	C3	C4	C5	E	E1	E2	H	H1	L	L1	n3-d3
LWKXF2A/B-2.8A	2.2-2	280	306	324	8-Φ10	194	226	254	3×75.3	260	292	320	3×97.3	12-Φ8	280	310	380	30	440	552	334	167	370	595	540	145	4-Φ10
LWKXF2A/B-3.2A	3-2	320	350	367	8-Φ10	222	254	282	3×84.6	302	334	362	3×111.3	12-Φ8	280	310	410	30	470	638	382	197	412	663	625	166	4-Φ10
LWKXF2A/B-3.2A	0.55-4	320	350	367	8-Φ10	222	254	282	3×84.6	302	334	362	3×111.3	12-Φ8	205	235	365	30	445	638	382	197	400	650	531	166	4-Φ10
LWKXF2A/B-3.6A	4-2	360	394	416	8-Φ10	244	282	313	4×70.5	275	313	341	4×78.3	16-Φ8	290	330	425	40	505	718	428	252	460	710	636	185	4-Φ12
LWKXF2A/B-3.6A	1.1-4	360	394	416	8-Φ10	244	282	313	4×70.5	275	313	341	4×78.3	16-Φ8	290	330	425	40	505	718	428	252	472	722	652	185	4-Φ12
LWKXF2A/B-4A	7.5-2	410	440	462	16-Φ10	278	310	338	3×103.3	335	367	395	4×91.7	14-Φ8	356	396	530	40	610	768	457	262	500	820	751	203	4-Φ14
LWKXF2A/B-4A	1.5-4	410	440	462	16-Φ10	278	310	338	3×103.3	335	367	395	4×91.7	14-Φ8	235	275	460	40	540	768	457	262	490	810	637	203	4-Φ14
LWKXF2A/B-4.5A	11-2	450	490	512	16-Φ10	353	385	413	5×77	348	380	408	5×76	20-Φ8	400	450	700	50	800	855	495	315	560	860	900	238	4-Φ14
LWKXF2A/B-4.5A	2.2-4	450	490	512	16-Φ10	353	385	413	5×77	348	380	408	5×76	20-Φ8	255	295	540	40	620	855	495	315	560	860	721	238	4-Φ14
LWKXF2A/B-4.5A	0.75-6	450	490	512	16-Φ10	353	385	413	5×77	348	380	408	5×76	20-Φ8	235	275	535	40	615	855	495	315	560	860	651	238	4-Φ14
LWKXF2A/B-5A	3-4	500	550	572	16-Φ10	344	382	413	3×127.3	475	513	541	4×128.3	14-Φ8	265	315	510	50	610	972	583	299	620	1018	760	259	4-Φ14
LWKXF2A/B-5A	1.5-6	500	550	572	16-Φ10	344	382	413	3×127.3	475	513	541	4×128.3	14-Φ8	265	315	510	50	610	972	583	299	620	1018	760	259	4-Φ14
LWKXF2A/B-5.6A	5.5-4	560	610	640	16-Φ10	385	423	451	4×105.8	444	482	510	4×20.5	16-Φ8	376	436	620	50	720	1100	649	392	1082	700	871	273	4-Φ14
LWKXF2A/B-5.6A	2.2-6	560	610	640	16-Φ10	385	423	451	4×105.8	444	482	510	4×20.5	16-Φ8	305	365	620	50	720	1100	649	392	1082	700	815	272	4-Φ14
LWKXF2A/B-6A	7.5-4	600	645	675	16-Φ10	418	450	478	4×112.5	528	560	588	4×140	16-Φ8	376	436	630	60	750	1144	677	383	1253	760	974	318	4-Φ14
LWKXF2A/B-6A	3-6	600	645	675	16-Φ10	418	450	478	4×112.5	528	560	588	4×140	16-Φ8	376	436	630	60	750	1144	677	383	1253	760	934	318	4-Φ14
LWKXF2A/B-7.1A	15-4	710	755	800	16-Φ10	497	544	584	5×108.8	568	614	654	5×122.8	20-Φ12	410	470	830	60	950	1396	821	494	1255	780	1210	395	4-Φ14
LWKXF2A/B-7.1A	4-6	710	755	800	16-Φ10	497	544	584	5×108.8	568	614	654	5×122.8	20-Φ12	376	436	705	60	825	1396	821	494	1255	780	1086	395	4-Φ14
LWKXF2A/B-7.1A	3-8	710	755	800	16-Φ10	497	544	584	5×108.8	568	614	654	5×122.8	20-Φ12	376	436	705	60	825	1396	821	494	1255	780	1086	395	4-Φ14

LWFDF-11 Low Noise Multi-Vane Centrifugal Fan

Performance Introduction

Model LWFDF-11A low noise multi-vane centrifugal fan has been designed and manufactured by our factory in order to adapt to the requirements ofd the increasing developed purification industry and envir onmental protection& noise-decrease. The fan adopts the multi-purpose optimized design methods for various pneumatic parameters such as noise, efficiency etc. It fulfills the finest performance mathing of the overall frame with sound air-operated performance. The paddle-wheel, pulley have been implemented with strict static and dynamic balancing correction,

therefore it has the features such as smooth running. Low noise, large flow, little vibration, long life etc. It is widely applicable for the kitchen exhaust of range hood, ventilation air-exchange in the public places such as unit canteed, hotel restaurant snack counter and so forth, It is also fit for use in the production equipments of the the grain; chemical; plastic machineries etc, It is of wide use and strong adaptability.



Type A



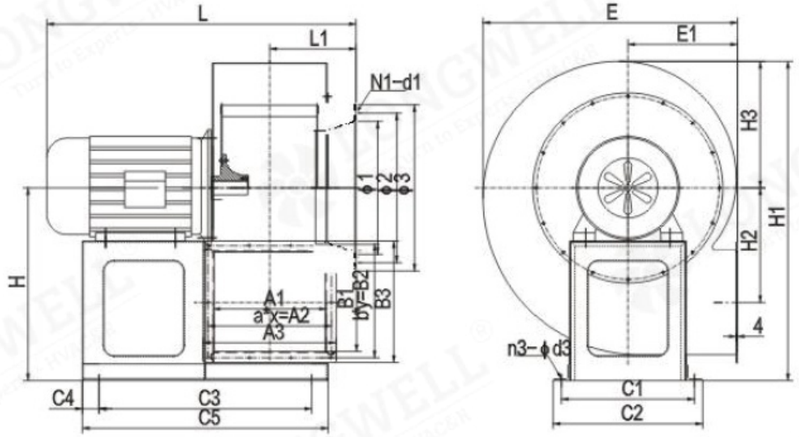
Type B

Technical Specifications

Model	Voltage (V)	Speed (r/min)	Power (KW)	Air Volume (m^3/h)	Total Pressure (Pa)	Noise [dB(A)]
LWFDF-11-1.5A-0.37-2P-1-001	220	2800	0.37	700-800	912-720	≤72
LWFDF-11-1.5A-0.37-2P-3-002	380	2800	0.37	700-800	912-720	≤72
LWFDF-11-2A-1.1-2P-1-001	220	2800	1.1	1900-2500	1200-959	≤74
LWFDF-11-2A-1.1-2P-3-002	380	2800	1.1	950-1850	410-294	≤67
LWFDF-11-2A-0.25-4P-1-003	220	1450	0.25	1900-2500	1200-959	≤74
LWFDF-11-2A-0.25-4P-3-004	380	1450	0.25	950-1850	410-294	≤67
LWFDF-11-2.25A-1.5-2P-1-001	220	2800	1.5	2690-3550	1510-1213	≤75
LWFDF-11-2.25A-1.5-2P-3-002	380	2800	1.5	1349-2010	430-372	≤68
LWFDF-11-2.25A-0.37-4P-1-003	220	1450	0.37	2500-3800	1510-1213	≤75
LWFDF-11-2.25A-0.37-4P-3-004	380	1450	0.37	1349-2010	430-372	≤68
LWFDF-11-2.5A-0.75-4P-1-001	220	1450	0.75	1950-2850	490-390	≤68
LWFDF-11-2.5A-0.75-4P-3-002	380	1450	0.75	1950-2850	490-390	≤68
LWFDF-11-2.5A-2.2-2P-3-003	380	2900	2.2	2150-4200	2120-1622	≤72
LWFDF-11-2.8A-1.1-4P-1-001	220	1450	1.1	2100-3400	525-350	≤68
LWFDF-11-2.8A-1.1-4P-3-002	380	1450	1.1	2100-3400	525-350	≤68
LWFDF-11-3A-1.1-4P-1-001	220	1450	1.1	2500-3800	600-440	≤68
LWFDF-11-3A-1.5-4P-1-002	220	1450	1.5	3500-5000	620-500	≤70
LWFDF-11-3A-2.2-4P-1-003	220	1450	2.2	4100-5400	830-630	≤70

Model	Voltage (V)	Speed (r/min)	Power (KW)	Air Volume (m³/h)	Total Pressure (Pa)	Noise [dB(A)]
LWFDF-11-3A-1.1-4P-3-004	380	1450	1.1	2500-3800	600-440	≤68
LWFDF-11-3A-1.5-4P-3-005	380	1450	1.5	3500-5000	620-500	≤70
LWFDF-11-3A-2.2-4P-3-006	380	1450	2.2	4100-5400	830-630	≤70
LWFDF-11-3.2A-2.2-4P-3-001	380	1450	2.2	4500-6200	890-650	≤73
LWFDF-11-3.2A-0.75-6P-3-002	380	960	0.75	2400-3500	420-340	≤68
LWFDF-11-3.5A-2.2-4P-3-001	380	1450	2.2	5100-6700	1200-1000	≤70
LWFDF-11-3.5A-1.1-6P-3-002	380	960	1.1	3377-4436	526-438	≤65
LWFDF-11-4A-2.2-6P-3-001	380	960	2.2	6098-7560	592-520	≤68
LWFDF-11-4A-4-4P-3-002	380	1450	4	8712-11188	1302-1040	≤73
LWFDF-11-4.5A-5.5-4P-3-001	380	1450	5.5	9100-12800	1410-1100	≤80
LWFDF-11-4.5A-3-6P-3-001	380	960	3	8500-10300	760-620	≤71
LWFDF-11-5A-7.5-6P-3-001	380	960	7.5	16000-22000	960-700	≤85
LWFDF-11-5A-5.5-6P-3-001	380	960	5.5	14800-17200	870-680	≤62

Mounting Dimensions



LWFDF-11 Installation Dimension Sheet

Model	Motor Power	Inlet Size Φ1	Φ2	Φ3	n1-d1	Outlet Size A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	Overall Dimensions C1	C2	C3	C4	C5	E	E1	H	H1	H2	H3	L	L1	n3-d3	Weight (kg)
LWFDF-11-1.5A	0.37-2	116	140	160	6-Φ7	114	140	160	1×140	90	115	136	1×115	4-Φ8	180	210	150	25	200	248	117	188	303	96	115	335	82	4-Φ10	10
LWFDF-11-2A	1.1-2	150	175	195	8-Φ7	125	157	185	2×78.5	142	174	202	2×87	8-Φ8	205	235	220	40	300	319	144	258	400	126	142	381	98	4-Φ10	22
LWFDF-11-2A	0.25-4	150	175	195	8-Φ7	125	157	185	2×78.5	142	174	202	2×87	8-Φ8	205	235	220	40	300	319	144	258	400	126	142	381	98	4-Φ10	18
LWFDF-11-2.25A	1.5-2	150	175	195	8-Φ7	125	157	185	2×78.5	166	204	232	3×68	8-Φ8	205	235	240	40	320	381	163	270	431	139	160	435	104	4-Φ10	24
LWFDF-11-2.25A	0.37-4	150	175	195	8-Φ7	125	157	185	2×78.5	166	204	232	3×68	8-Φ8	205	235	240	40	320	381	163	310	471	139	160	390	104	4-Φ10	20

Model	Motor Power	Inlet Size Φ1	Φ2	Φ3	n1-d1	Outlet Size A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	Overall Dimensions C1	C2	C3	C4	C5	E	E1	H	H1	H2	H3	L	L1	n3-d3	Weight (kg)
LWFDF-11-2.5A	0.75-4	180	205	230	8-Φ7	125	157	185	2×78.5	208	244	272	3×81.3	10-Φ8	205	235	220	40	300	410	187	298	483	142	185	381	98	4-Φ10	26
LWFDF-11-2.5A	2.2-2	180	205	230	8-Φ7	125	157	185	2×78.5	208	244	272	3×81.3	10-Φ8	205	235	220	40	300	410	187	310	495	142	185	468	98	4-Φ10	20
LWFDF-11-2.8A	1.1-4	180	205	230	8-Φ7	136	168	196	3×56	265	297	325	4×74.25	12-Φ8	205	235	220	40	300	482	224	350	568	164	218	438	105	4-Φ10	30
LWFDF-11-3A	1.1-4	230	260	284	8-Φ7	128	160	188	2×80	233	272	300	4×68	12-Φ8	205	235	220	40	300	482	224	350	571	180	221	426	98	4-Φ10	33
LWFDF-11-3A	1.5-4	230	260	284	8-Φ7	128	160	188	2×80	233	272	300	4×68	12-Φ8	205	235	220	40	300	482	224	350	571	180	221	456	98	4-Φ10	35
LWFDF-11-3A	2.2-4	230	260	284	8-Φ7	191	230	258	3×76.6	233	272	300	4×68	14-Φ8	280	310	360	40	440	482	224	410	631	180	221	556	134	4-Φ12	40
LWFDF-11-3.2A	2.2-4	230	260	284	8-Φ7	199	231	259	3×77	302	334	362	3×111.3	12-Φ8	280	310	300	40	380	553	250	410	666	197	256	519	108	4-Φ12	52
LWFDF-11-3.2A	0.75-6	230	260	284	8-Φ7	199	231	259	3×77	302	334	362	3×111.3	12-Φ8	280	310	300	40	380	553	250	410	666	197	256	462	108	4-Φ12	50
LWFDF-11-3.5A	3-4	280	320	355	8-Φ10	232	272	300	4×68	226	262	290	4×65.5	16-Φ8	280	310	410	40	490	541	233	410	675	229	265	600	152	4-Φ12	71
LWFDF-11-3.5A	2.2-4	280	320	355	8-Φ10	232	272	300	4×68	226	262	290	4×65.5	16-Φ8	280	310	410	40	490	541	233	410	675	229	265	600	152	4-Φ12	71
LWFDF-11-3.5A	1.1-6	280	320	355	8-Φ10	232	272	300	4×68	226	262	290	4×65.5	16-Φ8	280	310	410	40	490	541	233	422	687	229	265	620	152	4-Φ12	67
LWFDF-11-4A	4-4	315	355	395	8-Φ10	232	272	300	4×68	269	305	333	4×76.25	16-Φ8	280	310	420	40	500	616	264	472	774	261	302	640	170	4-Φ12	89
LWFDF-11-4A	3-4	315	355	395	8-Φ10	232	272	300	4×68	269	305	333	4×76.25	16-Φ8	280	310	420	40	500	616	264	472	774	261	302	623	170	4-Φ12	73
LWFDF-11-4A	1.5-6	315	355	395	8-Φ10	232	272	300	4×68	269	305	333	4×76.25	16-Φ8	280	310	420	40	500	616	264	472	774	261	302	623	170	4-Φ12	70
LWFDF-11-4A	2.2-6	315	355	395	8-Φ10	232	272	300	4×68	269	305	333	4×76.25	16-Φ8	280	310	420	40	500	616	264	460	762	261	302	640	170	4-Φ12	85
LWFDF-11-4.5A	5.5-4	380	415	440	8-Φ10	315	347	375	4×86.75	330	362	390	4×90.5	16-Φ8	366	416	545	50	645	722	322	560	906	284	346	774	202	4-Φ14	117
LWFDF-11-4.5A	3-6	380	415	440	8-Φ10	315	347	375	4×86.75	330	362	390	4×90.5	16-Φ8	366	416	545	50	645	722	322	560	906	284	346	745	202	4-Φ14	134
LWFDF-11-5A	7.5-6	396	430	456	8-Φ10	365	397	425	4×99.25	385	417	445	4×104.3	16-Φ8	400	500	730	50	830	777	320	620	997	354	377	921	225	4-Φ14	218
LWFDF-11-5A	5.5-6	396	430	456	8-Φ10	365	397	425	4×99.25	385	417	445	4×104.3	16-Φ8	385	435	610	50	710	777	320	620	997	354	377	844	225	4-Φ14	164

LWFDF11-62 Low Noise Multi-Vane Centrifugal Fan

Performance Introduction

Model LWFDF11-62 low noise multi-vane centrifugal fan has been designed and prooduced according to the requirements from the increasingly devloping purification industry and environmental protection and noise decrease. The fan adopts the multi-purpose optimized design schemes in aspects of noise, efficiency. Various pneumatic parameters. It fulfills the inest over -rall frame performance matching, It has sound pneumatic persormance. The paddle-wheel, pulley have been Tmplemented with strict staic, dynamic balancing correction. Therefore it has the features such as smooth running, low noise, litter vibration, long life and so on. It is widely applicable for kichen exhaust, range hood

or ventilation, air-exchange in the public places such as the unit canteens, guesthouses, restaurants, eating establishments etc. It is fit for use in the production equipments such as grain; chemical; plastic machineries and so on.



Single Inlet

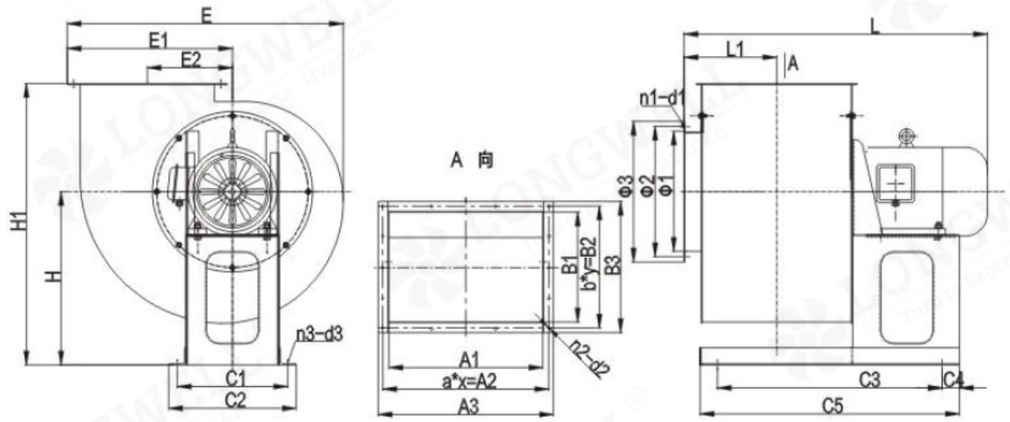


Type E

Single Inlet Technical Specifications

Model	Air Volume (m^3/h)	Total Pressure (Pa)	Noise [dB(A)]	Matching Motor (KW)	
LWFDF11-62-2A-0.37-4P-1-001	1500-2000	380-300	58	Y712-4	0.37
LWFDF11-62-2.5A-0.75-4P-1-001	1300-3300	450-350	65	Y802-4	0.75
LWFDF11-62-2.8A-0.55-6P-1-001	1430-3600	240-230	60	Y802-6	0.55
LWFDF11-62-2.8A-1.1-4P-1-002	2200-5600	570-440	69	Y90S-4	1.1
LWFDF11-62-3A-2.2-4P-1-001	3000-5000	600-450	65	Y100L1-4	2.2
LWFDF11-62-3.2A-1.1-6P-1-001	2251-5892	333-250	63	Y90S-6	1.1
LWFDF11-62-3.2A-3-4P-1-002	3400-8900	760-570	73	Y100L2-4	3
LWFDF11-62-3.5A-4-4P-1-001	4500-9900	910-700	76	Y112M-4	4
LWFDF11-62-3.5A-1.5-6P-1-002	2900-6400	380-290	68	Y100L-6	1.5
LWFDF11-62-4A-3-6P-1-001	4600-11800	555-440	75	Y132S-6	3
LWFDF11-62-4A-2.2-6P-1-002	4445-10500	550-430	73	Y112M-6	2.2
LWFDF11-62-4.5A-4-6P-1-001	8400-13800	770-700	77	Y132M-6	4.0
LWFDF11-62-5A-4-6P-1-001	8680-17880	815-616	77	Y132M1-6	4.0
LWFDF11-62-5A-5.5-6P-1-002	9800-19300	920-640	79	Y132M2-6	5.5
LWFDF11-62-6A-7.5-6P-1-001	10425-21473	1250-980	85	Y160M-6	7.5
LWFDF11-62-7A-11-8P-1-001	23000-29800	880-520	88	Y180L-8	11

Single Inlet Mounting Dimensions



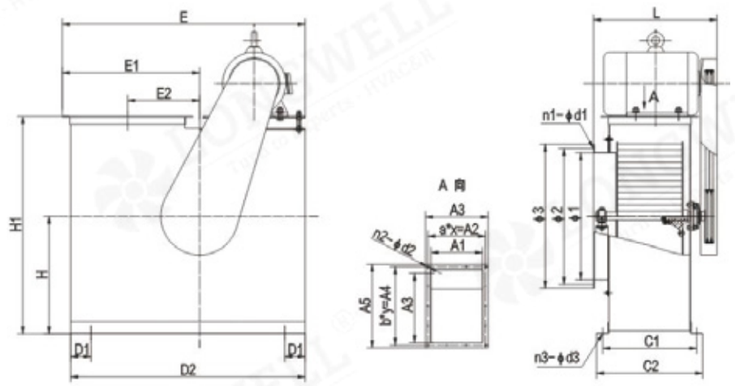
Single Inlet Installation Dimension Sheet

Model	Motor Power	Inlet Size Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	Outlet Size a×x	B1	B2	B3	b×y	n2-d2	Overall Dimensions C1	C2	C3	C4	C5	E	E1	E2	H	H1	L	L1	n3-d3	Weight (kg)
LWFDF11-62-2A	0.37-4	180	220	240	4-Φ10	228	260	280	2×160	194	226	254	2×113	8-Φ8	180	210	325	40	405	395	241	114	260	416	516	149	4-Φ10	27
LWFDF11-62-2.5A	0.75-4	225	241	258	4-Φ10	232	264	292	2×132	165	197	225	2×98.5	8-Φ8	205	235	400	40	480	428	250	133	290	475	538	142	4-Φ14	36.6
LWFDF11-62-2.8A	1.1-4	205	240	265	4-Φ10	252	284	312	3×94.6	265	297	325	3×99	12-Φ8	225	255	430	40	510	552	334	167	350	573	595	182	4-Φ14	51.5
LWFDF11-62-2.8A	0.55-6	205	240	265	4-Φ10	252	284	312	3×94.6	265	297	325	3×99	12-Φ8	205	235	415	40	495	552	334	167	350	573	580	182	4-Φ14	51.5
LWFDF11-62-3A	2.2-4	239	272	299	4-Φ10	298	330	358	3×110	240	272	300	3×90.6	12-Φ8	255	295	480	40	560	586	352	203	380	605	720	200	4-Φ14	66
LWFDF11-62-3.2A	3-4	272	305	332	4-Φ10	298	330	358	3×110	302	334	362	3×111.3	12-Φ8	255	295	480	40	560	638	382	197	400	650	716	204	4-Φ14	75.5
LWFDF11-62-3.2A	1.1-6	272	305	332	4-Φ10	298	330	358	3×110	302	334	362	3×111.3	12-Φ8	235	275	474	40	554	638	382	197	400	650	661	204	4-Φ14	65
LWFDF11-62-3.5A	4-4	289	320	348	6-Φ10	268	300	328	3×100	346	378	406	4×94.5	14-Φ8	285	325	510	40	590	690	410	206	730	450	692	190	4-Φ14	81.9
LWFDF11-62-3.5A	1.5-6	289	320	348	6-Φ10	268	300	328	3×100	346	378	406	4×94.5	14-Φ8	255	295	445	40	525	690	410	206	730	450	667	190	4-Φ14	75.5
LWFDF11-62-4A	3-6	336	370	396	6-Φ10	340	372	400	5×74.4	380	412	440	5×82.4	20-Φ8	356	396	580	40	660	792	471	249	797	500	810	229	4-Φ14	116
LWFDF11-62-4A	2.2-6	336	370	396	6-Φ10	340	372	400	5×74.4	380	412	440	5×82.4	20-Φ8	285	325	580	40	660	792	471	249	797	500	764	229	4-Φ14	95
LWFDF11-62-4.5A	4-6	380	415	440	6-Φ10	408	440	468	5×88	394	426	454	5×85.2	20-Φ8	375	415	630	50	730	850	516	286	875	550	908	262	4-Φ14	121
LWFDF11-62-5A	5.5-6	396	430	456	6-Φ10	368	400	428	5×80	394	426	454	5×85.2	20-Φ8	366	415	590	50	690	887	521	288	904	550	871	245	4-Φ14	151
LWFDF11-62-5A	4-6	396	430	456	6-Φ10	368	400	428	5×80	394	426	454	5×85.2	20-Φ8	366	415	590	50	690	887	521	288	904	550	871	245	4-Φ14	142
LWFDF11-62-6A	7.5-6	500	540	580	8-Φ10	338	370	398	4×92.5	394	426	454	5×85.2	18-Φ8	410	470	660	60	780	978	564	351	976	600	900	213	4-Φ14	236
LWFDF11-62-7A	11-8	590	640	690	8-Φ10	378	408	438	4×102	550	580	610	5×116	18-Φ8	480	540	760	60	880	1136	653	348	1143	680	1032	246	4-Φ14	358

Type E Technical Specifications

Model	Matching Motor (Kw-p)	Speed (r/min)	Air Volume (m³/h)	Total Pressure (Pa)	Noise [dB(A)]
LWFDF11-62-3.5A-1.1-4P-1-003	1.1-4	960	3200-6000	450-320	62
LWFDF11-62-3.5A-2.2-4P-1-004	2.2-4	1100	3700-7000	560-410	67
LWFDF11-62-4A-1.5-4P-1-003	1.5-4	700	3500-8000	550-320	66
LWFDF11-62-4A-2.2-4P-1-004	2.2-4	900	4000-10000	620-380	69
LWFDF11-62-4.5A-1.5-4P-1-002	1.5-4	720	5400-6500	490-380	69
LWFDF11-62-4.5A-3-4P-1-003	3.0-4	960	8300-11000	740-570	70
LWFDF11-62-5A-3-4P-1-003	3.0-4	600	5400-10000	550-420	70
LWFDF11-62-5A-4-4P-1-004	4.0-4	700	6800-12500	750-560	71
LWFDF11-62-5A-5.5-4P-1-005	5.5-4	850	800014500	850-640	72
LWFDF11-62-5.6A-2.2-4P-1-001	2.2-4	490	8575-11000	480-380	70
LWFDF11-62-5.6A-4-4P-1-002	4.0-4	600	10500-13500	660-580	71
LWFDF11-62-5.6A-7.5-4P-1-003	7.5-4	750	12000-16500	770-600	73
LWFDF11-62-6.3A-4-4P-1-001	4.0-4	500	11500-17500	640-520	71
LWFDF11-62-6.3A-5.5-4P-1-002	5.5-4	550	13000-18500	700-540	72
LWFDF11-62-6.3A-7.5-4P-1-003	7.5-4	630	15000-21500	850-650	73
LWFDF11-62-7.1A-5.5-4P-1-001	5.5-4	480	14000-19800	670-500	71
LWFDF11-62-7.1A-7.5-4P-1-002	7.5-4	550	15000-24000	750-580	74
LWFDF11-62-7.1A-11-4P-1-003	11-4	600	17500-26000	800-600	75
LWFDF11-62-7.6A-7.5-4P-1-001	7.5-4	450	18000-25000	650-480	75
LWFDF11-62-7.6A-11-4P-1-002	11-4	520	19000-28500	830-700	76
LWFDF11-62-7.6A-18.5-4P-1-003	18.5-4	590	25000-31000	980-800	78

Type E Mounting Dimensions



Type E Installation Dimension Sheet

Model	Inlet Size				Outlet Size								Overall Dimensions									
	Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	C1	C2	D1	D2	H	H1	E	E1	E2	L	n3-d3
LWFDF11-62-3.5A	290	325	360	6-Φ8	300	330	360	4×82.5	315	345	375	4×86.3	16-Φ8	340	380	80	650	322	600	680	384	196	470	4-Φ12
LWFDF11-62-4A	320	370	400	6-Φ8	356	386	416	3×128.7	360	390	420	3×130	12-Φ8	406	456	100	750	380	700	780	434	224	540	4-Φ12
LWFDF11-62-4.5A	380	420	460	6-Φ8	356	386	416	3×128.7	405	435	465	3×145	12-Φ8	406	456	100	800	405	710	830	598	250	540	4-Φ12
LWFDF11-62-5A	410	450	490	8-Φ8	358	388	418	4×97	450	480	510	4×120	16-Φ8	408	458	100	900	470	810	930	545	280	540	4-Φ14
LWFDF11-62-5.6A	490	530	570	12-Φ8	388	418	448	4×104.5	504	534	564	4×133.5	16-Φ8	438	488	100	1000	532	910	1030	596	314	580	4-Φ14
LWFDF11-62-6.3A	560	600	640	12-Φ10	388	428	468	3×142.7	560	600	640	4×150	14-Φ8	448	508	100	1050	580	1005	1190	666	356	590	4-Φ14
LWFDF11-62-7.1A	615	665	705	16-Φ12	400	440	480	4×110	560	600	640	4×150	16-Φ8	460	520	100	1150	575	1065	1190	672	353	650	4-Φ18
LWFDF11-62-7.6A	660	715	770	16-Φ12	408	448	488	4×112	650	690	730	5×138	18-Φ10	468	528	100	1250	620	1150	1290	718	353	650	4-Φ18

LWLDB Low Noise Centrifugal Blower

Performance Introduction

Model LWLDB low nolse centrifugal Blower is of consummate craft and technological design, firm material, stable and rellable performance, outstanding noise decrease effects. It has the features such as low noise, high efficiency, long life, easy installation etc. It is widely applicable for the industries and departments such as telecom. Electric force, electrical, electronics, geology, coal mine, steamboat, paper-making etc. It is esp. fif for the cooling, temperature control, ventilation functions in the plastics; printing machineries, coping machine, drying machine, blown machine, underground facilitles etc.



High Temperature

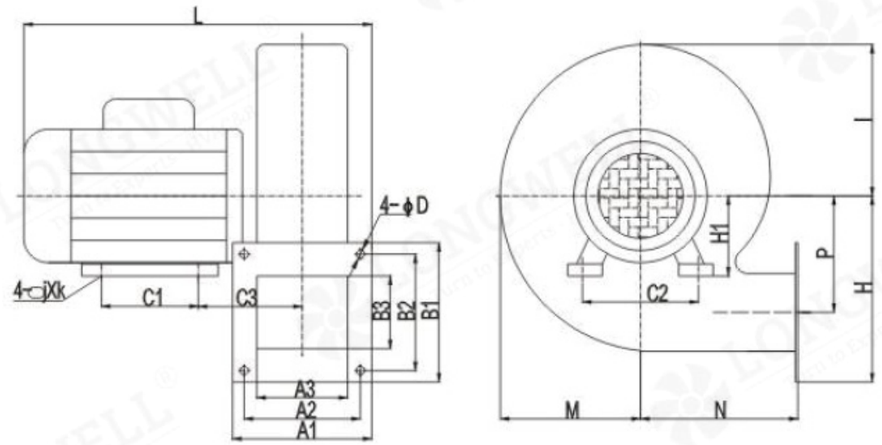


Common Temperature

Technical Specifications

Model	Power (W)	Speed (r/min)	Voltage (V)	Air Volume (m³/h)	Total Pressure (Pa)
LWLDB-2A-0.06-2P-1-001	60	2800	220/380	240	310
LWLDB-1A-0.12-2P-1-001	120	2800	220/380	350	390
LWLDB-2A-0.18-2P-1-002	180	2800	220/380	405	450
LWLDB-3A-0.25-2P-1-001	250	2800	220/380	505	860
LWLDB-4A-0.37-2P-1-001	370	2800	220/380	660	860
LWLDB-5A-0.55-2P-1-001	550	2800	220/380	850	1020
LWLDB-6A-0.75-2P-1-001	750	2800	220/380	1200	1210
LWLDB-7A-1.1-2P-1-001	1100	2800	220/380	1800	1500

Mounting Dimensions



LWLDB Installation Dimension Sheet

Model	Motor (W)	Air outlet flange							Casing outline						Body installation					Weight (kg)
		A1	A2	A3	B1	B2	B3	D	M	N	I	H	P	L	C1	C2	C3	H1	jxk	
LWLDB-1A	120	115	95	62	115	95	62	Φ6.5	95	92	88	126	68	264	60	102	65	63	Φ10	4.8
LWLDB-2A	180	125	110	72	115	95	62	Φ7	95	92	88	126	68	270	60	102	70	63	Φ10	4.8
LWLDB-3A	250	115	96	70	115	96	54	Φ7	123	112	110	165	108	250	60	112	66	71	Φ10	7.2
LWLDB-4A	370	160	118	102	120	96	58	Φ7	123	112	110	165	108	320	90	112	95	71	Φ10	8.5
LWLDB-5A	550	140	112	82	120	92	58	Φ8	150	152	135	191	130	325	90	112	88	71	Φ10	11
LWLDB-6A	750	160	140	103	120	90	58	Φ8	150	152	135	191	131	345	90	112	98	71	Φ10	11.7
LWLDB-7A	1100	183	155	202	202	174	138	8-Φ8	176	144	142	227	126	380	100	125	96	80	Φ10	17

Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

LWFDF11-66 New Type Efficient Energy Saving Low Noise Oil-smoke Exhaust Fan

Performance Introduction

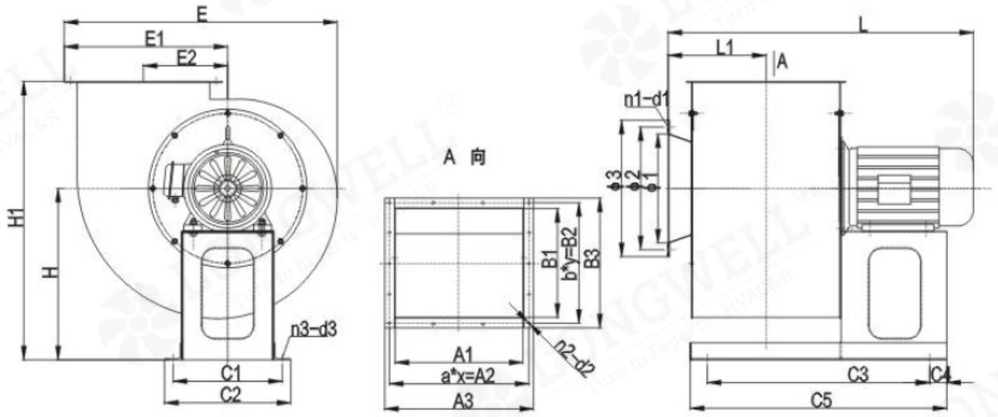


LWFDF11-66 Series Centrifugal Fan is a new type of centrifugal fan with features as high efficiency, high pressure, low speed, low noise and advanced aerodynamic impeller structure. Little vibration, convenient to use, etc. It is widely used for air conditional fan sets, hotels, plants,mines, and other buildings.The suitable medium conveyed are air and other gas non-corro-sive, non-hypergoic and no halm to human, and no adhesive substances. And the containing dust and hard particles no exceed ≤150mg/m³, the gas temperature ≤80°C.

Technical Specifications

Model	Power (W)	Speed (r/min)	Air Volume (m³/h)	Total Pressure (Pa)
LWFDF11-66-2.5A-0.75-4P-1-001	0.75-4	1450	3360-4220	590-460
LWFDF11-66-2.8A-1.5-4P-1-001	1.5-4	1450	5000-6200	740-560
LWFDF11-66-3A-2.2-4P-1-001	2.2-4	1450	5700-7600	790-610
LWFDF11-66-3.2A-3-4P-1-001	3-4	1450	6700-9700	870-710
LWFDF11-66-3.5A-4-4P-1-001	4-4	1450	8160-11400	1100-840
LWFDF11-66-4A-7.5-4P-1-001	7.5-4	1450	9400-14200	1440-1070
LWFDF11-66-4A-3-6P-1-002	3-6	960	8600-10000	690-550
LWFDF11-66-4.5A-11-4P-1-001	11-4	1450	12310-21600	1650-1200
LWFDF11-66-4.5A-4-6P-1-002	4-6	960	11000-17600	890-790
LWFDF11-66-5A-7.5-6P-1-001	7.5-6	960	13330-24500	1120-880
LWFDF11-66-6A-15-6P-1-001	15-6	960	16600-27800	1570-1130

Mounting Dimensions



LWFDF11-66 Installation Dimension Sheet

Model	Motor Power	Inlet Size				Outlet Size								Overall Dimensions											Weight
		Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	C1	C2	C3	C4	C5	E	E1	E2	H	H1	L	L1	n3-d3	(kg)
LWFDF11-66-2.5A	0.75-4	200	225	250	6-Φ8	225	251	297	3×87.6	155	187	215	2×93.5	10-Φ8	215	255	360	40	440	473	279	172	300	467	533	150	4-Φ12	37.4
LWFDF11-66-2.8A	1.5-4	225	254	284	8-Φ8	300	332	360	3×100.7	170	205	230	2×102.5	10-Φ8	290	330	460	40	540	526	309	193	330	517	643	198	4-Φ14	56.5
LWFDF11-66-3A	2.2-4	250	280	310	8-Φ8	300	332	360	3×100.7	180	215	243	2×107.5	10-Φ8	290	330	485	40	565	558	327	207	380	580	680	203	4-Φ14	63
LWFDF11-66-3.2A	3-4	250	280	310	8-Φ8	310	342	370	3×114	194	229	257	2×114.5	10-Φ8	290	330	490	40	570	593	347	221	380	593	708	203	4-Φ14	68.8
LWFDF11-66-3.5A	4-4	280	320	355	8-Φ10	310	342	370	3×114	212	247	275	2×123	10-Φ8	290	330	490	40	570	647	378	241	422	654	719	213	4-Φ14	80
LWFDF11-66-4A	7.5-4	315	355	395	8-Φ10	340	372	400	3×124	242	277	305	2×138.5	10-Φ8	356	396	570	50	670	734	428	276	460	725	855	244	4-Φ14	141
LWFDF11-66-4A	3-6	315	355	395	8-Φ10	340	372	400	3×124	242	277	305	2×138.5	10-Φ8	356	396	570	50	670	734	428	276	460	725	815	244	4-Φ14	139
LWFDF11-66-4.5A	11-4	355	395	435	8-Φ10	340	372	400	3×124	272	307	335	3×153.5	10-Φ8	400	450	630	50	730	821	447	310	520	817	919	248	4-Φ14	203
LWFDF11-66-4.5A	4-6	355	395	435	8-Φ10	340	372	400	3×124	272	307	335	3×153.5	10-Φ8	366	416	570	50	670	821	447	310	520	817	859	248	4-Φ14	138
LWFDF11-66-5A	7.5-6	400	450	500	8-Φ12	340	372	400	3×124	302	337	365	2×68.5	10-Φ8	400	450	700	50	800	908	527	345	580	910	981	260	4-Φ14	209

LWFDF4-72 Centrifugal Fan

Performance Introduction

Model LWFDF4-72 centrifugal fan can convey air and other non-hypergoolc gas which are not harmful to the human body and will not corrode steel materials. The adhesive materials are not allowed in the gas. Its containing dust and hard particles should not exceed 150mg/m³, gas temperature not exceed 80℃. It has sound pneumatic performance. Therefore it has features such as balanced running little vibration, high efficiency, long life etc. It is widely applicable, Large-size architectures, guesthouses, restaurants, etc.

Model LWFDF4-72EX is an explosion-proof type centrifugal fan. It is mainly composed of aluminum pad dle-wheel, casing, air inlet etc. and the explosion-proof motor. It can beused as ventilation and air-exch ange to the inflammable and volatilizing gas. Its performance and foundation size Are the same as Mode LWFDF4-72.

Model LWFDF4-72FR is anti-corrosion centrifugal fan. It mainly uses fiberglass(orstainless steel) to make up the impeller, casing, air inlet etc, then combine with motor.It can be used to convey the corrosive gas. The performance and foundation size are same as Model LWFDF4-72.



Type A



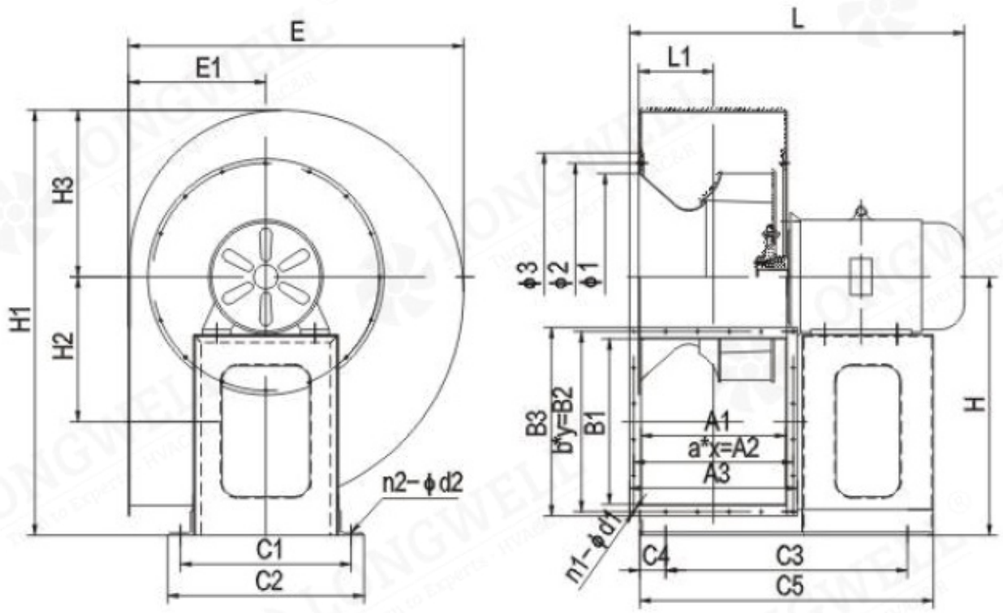
Type C

LWFDF4-72 Type A Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWFDF4-72-2A-0.55-2P-1-001	2900	0.55-2	412-859	507-310
LWFDF4-72-2.5A-0.75-2P-1-001	2900	0.75-2	805-1677	792-483
LWFDF4-72-2.8A-1.5-2P-1-001	2900	1.5-2	1131-2356	994-606
LWFDF4-72-3.2A-2.2-2P-1-001	2900	2.2-2	1688-3517	1300-792
LWFDF4-72-3.2A-1.1-4P-1-002	1450	1.1-4	884-1758	324-198
LWFDF4-72-3.6A-3-2P-1-001	2900	3.0-2	2664-5268	1578-989
LWFDF4-72-3.6A-1.1-4P-1-002	1450	1.1-4	1332-2634	393-247
LWFDF4-72-4A-5.5-2P-1-001	2900	5.5-2	4012-7419	2014-1320
LWFDF4-72-4A-1.1-4P-1-002	1450	1.1-4	2006-3709	501-329

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWFDF4-72-4.5A-7.5-2P-1-001	2900	7.5-2	5712-10562	2554-1673
LWFDF4-72-4.5A-1.1-4P-1-002	1450	1.1-4	2856-5281	634-416
LWFDF4-72-5A-15-2P-1-001	2900	15-2	7728-15445	3187-2019
LWFDF4-72-5A-2.2-4P-1-002	1450	2.2-4	3864-7728	790-502
LWFDF4-72-5.6A-3-4P-1-001	1450	3-4	7062-9885	975-759
LWFDF4-72-6A-4-4P-1-001	1450	4.0-4	6677-13353	1139-724
LWFDF4-72-6A-1.5-6P-1-002	960	1.5-6	4420-8841	498-317
LWFDF4-72-6.3A-7.5-4P-1-001	1450	7.5-4	7729-15458	1256-798
LWFDF4-72-7.1A-11-4P-1-001	1450	11-4	12676-20513	1573-1168
LWFDF4-72-7.1A-3-6P-1-002	960	3-6	8392-13581	689-512

LWFDF4-72 Type A Mounting Dimensions



LWFDF4-72 Type A Installation Dimension Sheet

Model	Motor Power	Inlet Size Φ1	Φ2	Φ3	A1	A2	A3	Outlet Size a×x	B1	B2	B3	b×y	n1-d1	Overall Dimensions C1	C2	C3	C4	C5	E	E1	H	H1	H2	H3	L	L1	n2-d2	Weight (kg)
LWFDF4-72-2A	0.55-2	200	220	238	146	178	206	2×89	150	182	210	2×91	8-Φ8	205	235	240	30	300	319	144	258	400	126	142	420	77	4-Φ10	22
LWFDF4-72-2.5A	0.75-2	250	280	296	168	200	228	2×100	196	228	258	2×114	8-Φ8	180	210	260	30	320	415	176	318	520	178	202	420	88	4-Φ10	33

LWFDF4-72 Type A Installation Dimension Sheet

Model	Motor Power	Inlet Size Φ1	Φ2	Φ3	A1	A2	A3	Outlet Size a×x	B1	B2	B3	b×y	n1-d1	Overall Dimensions C1	C2	C3	C4	C5	E	E1	H	H1	H2	H3	L	L1	n2-d2	Weight (kg)
LWFDF4-72-2.8A	1.5-2	280	306	324	190	226	254	4×56.5	206	244	272	4×61	16-Φ8	280	310	380	30	440	459	191	370	596	196	226	500	103	4-Φ10	40
LWFDF4-72-3.2A	2.2-2	320	350	367	224	254	284	4×63.5	251	282	310	4×70.5	16-Φ8	280	310	410	30	470	528	222	420	680	224	258	543	116	4-Φ10	52
LWFDF4-72-3.2A	1.1-4	320	350	367	224	254	284	4×63.5	251	282	310	4×70.5	16-Φ8	280	310	410	30	470	528	222	420	680	224	258	531	116	4-Φ10	50
LWFDF4-72-3.6A	3-2	360	394	416	252	284	312	4×71	281	313	343	4×78.3	16-Φ8	290	330	425	40	505	592	248	460	750	252	290	611	130	4-Φ10	67
LWFDF4-72-3.6A	1.1-4	360	394	416	252	284	312	4×71	281	313	343	4×78.3	16-Φ8	290	330	425	40	505	592	248	450	740	252	290	546	130	4-Φ10	58
LWFDF4-72-4A	5.5-2	400	440	462	278	310	338	4×77.5	317	349	377	4×87.3	16-Φ8	366	416	510	50	610	656	274	520	842	280	322	710	145	4-Φ12	92
LWFDF4-72-4A	1.1-4	400	440	462	278	310	338	4×77.5	317	349	377	4×87.3	16-Φ8	235	275	450	40	530	656	274	520	842	280	322	575	145	4-Φ10	68
LWFDF4-72-4.5A	7.5-2	450	490	512	315	345	373	3×115	348	380	408	5×76	16-Φ8	366	416	545	50	645	725	297	560	920	315	495	745	160	4-Φ12	128
LWFDF4-72-4.5A	1.1-4	450	490	512	315	345	373	3×115	348	380	408	5×76	16-Φ8	245	295	460	50	560	725	297	560	920	315	495	610	160	4-Φ12	79
LWFDF4-72-5A	15-2	500	550	572	350	380	408	5×76	390	422	450	5×84.4	20-Φ8	400	450	710	50	810	800	325	620	1020	350	400	878	180	4-Φ14	223
LWFDF4-72-5A	2.2-4	500	550	572	350	380	408	5×76	390	422	450	5×84.4	20-Φ8	265	315	520	50	810	800	325	620	1020	350	400	705	180	4-Φ14	106
LWFDF4-72-5.6A	3-4	560	610	640	388	420	448	4×105	440	472	500	4×118	16-Φ8	265	315	570	50	670	917	382	700	1151	392	451	745	200	4-Φ14	135
LWFDF4-72-6A	4-4	600	645	676	419	451	479	5×90.2	474	506	534	5×101.2	20-Φ8	295	345	595	50	695	964	392	740	1222	420	482	795	215	4-Φ14	155
LWFDF4-72-6A	1.5-6	600	645	676	419	451	479	5×90.2	474	506	534	5×101.2	20-Φ8	295	345	595	50	695	964	392	728	1210	420	482	775	215	4-Φ14	140
LWFDF4-72-6.3A	7.5-4	630	680	710	441	473	501	5×94.6	502	534	562	5×106.8	20-Φ8	376	436	645	60	765	1080	480	800	1306	441	506	870	230	4-Φ14	221
LWFDF4-72-7.1A	11-4	710	755	800	497	544	584	5×108.8	568	614	654	5×122.8	20-Φ10	410	470	820	60	945	1156	475	880	1455	494	575	1065	255	4-Φ14	360
LWFDF4-72-7.1A	3-6	710	755	800	497	544	584	5×108.8	568	614	654	5×122.8	20-Φ10	376	436	705	60	825	1156	475	880	1455	494	575	945	255	4-Φ14	263

LWFDF4-72 Type C Technical Specifications

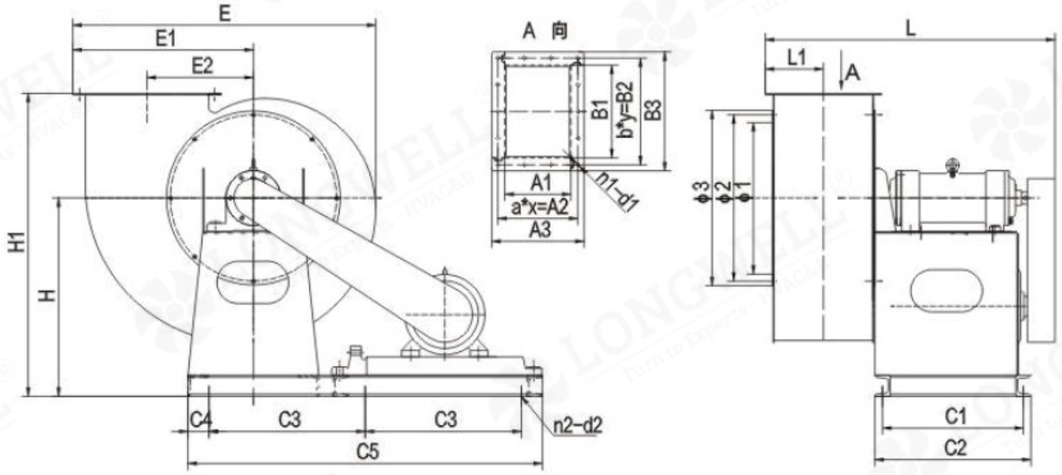
Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWFDF4-72-2.5A-0.75-2P-1-002	2200	0.75-2	805-1677	792-483
LWFDF4-72-2.8A-1.1-2P-1-002	2900	1.1-2	1131-2356	994-606
LWFDF4-72-2.8A-0.37-2P-1-003	2200	0.37-2	994-1522	556-443
LWFDF4-72-2.8A-0.25-2P-1-004	1800	0.25-2	813-1245	372-296
LWFDF4-72-3.2A-1.5-2P-1-003	2900	1.5-2	1688-3517	1300-792
LWFDF4-72-3.2A-0.75-2P-1-004	2200	0.75-2	1483-2273	726-579
LWFDF4-72-3.2A-0.55-2P-1-005	1800	0.55-2	1213-1860	488-387
LWFDF4-72-3.6A-3-2P-1-003	2900	3-2	2664-5268	1578-989
LWFDF4-72-3.6A-1.5-2P-1-004	2200	1.5-2	2310-3434	881-723
LWFDF4-72-3.6A-0.75-2P-1-005	1800	0.75-2	1890-2810	590-483
LWFDF4-72-4A-5.5-2P-1-003	2900	5.5-2	4012-7419	2017-1320
LWFDF4-72-4A-2.2-2P-1-004	2300	2.2-2	3573-5491	1238-917

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Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWFDF4-72-4A-1.5-2P-1-005	2000	1.5-2	3107-4775	936-694
LWFDF4-72-4A-1.1-2P-1-006	1700	1.1-2	2641-4058	676-501
LWFDF4-72-4.5A-7.5-2P-1-003	2900	7.5-2	5712-10562	2554-1673
LWFDF4-72-4.5A-4-2P-1-004	2300	4-2	5088-7819	1570-1163
LWFDF4-72-4.5A-3-2P-1-005	2000	3-2	4428-6799	1187-879
LWFDF4-72-4.5A-2.2-2P-1-006	1700	2.2-2	3761-5779	858-635
LWFDF4-72-5A-15-2P-1-003	2900	15-2	7782-15445	3187-2019
LWFDF4-72-5A-7.5-2P-1-004	2300	7.5-2	7022-11363	1978-1468
LWFDF4-72-5A-5.5-2P-1-005	2000	5.5-2	6106-9881	1495-1110
LWFDF4-72-5A-3-2P-1-006	1700	3-2	5190-8299	1080-802
LWFDF4-72-5.6A-18.5-2P-1-002	2600	18.5-2	12734-17824	3209-2541
LWFDF4-72-5.6A-15-2P-1-003	2300	15-2	11265-15768	2511-1989
LWFDF4-72-5.6A-7.5-2P-1-004	2000	7.5-2	9795-13711	1900-1504
LWFDF4-72-5.6A-5.5-4P-1-005	1700	5.5-4	8326-11654	1372-1086
LWFDF4-72-5.6A-3-4P-1-006	1400	3.0-4	6857-9598	930-737
LWFDF4-72-6A-15-4P-1-003	2240	15-4	10314-20628	2734-1733
LWFDF4-72-6A-11-4P-1-004	2000	11-4	9209-18418	2176-1380
LWFDF4-72-6A-7.5-4P-1-005	1800	7.5-4	8288-16576	1760-1116
LWFDF4-72-6A-5.5-4P-1-006	1600	5.5-4	7367-14734	1389-881
LWFDF4-72-6A-4-4P-1-007	1450	4-4	6677-13353	1137-724
LWFDF4-72-6A-2.2-4P-1-008	1120	2.2-4	5157-10314	679-431
LWFDF4-72-6A-1.5-4P-1-009	900	1.5-4	4144-8288	438-278
LWFDF4-72-6A-1.1-4P-1-010	800	1.1-4	3684-7367	346-220
LWFDF4-72-6.3A-18.5-2P-1-002	2200	18.5-2	15342-21474	2908-2303
LWFDF4-72-6.3A-11-2P-1-003	1900	11-2	13260-18546	2169-1718
LWFDF4-72-6.3A-7.5-2P-1-004	1600	7.5-2	11158-15618	1538-1218
LWFDF4-72-6.3A-5.5-2P-1-005	1300	5.5-2	9066-12689	1015-804
LWFDF4-72-6.3A-2.2-4P-1-006	1000	2.2-4	6973-9761	600-475
LWFDF4-72-6.3A-0.75-4P-1-007	700	0.75-4	4881-6833	294-233
LWFDF4-72-7.1A-18.5-4P-1-003	1800	18.5-4	15736-25265	2422-1801
LWFDF4-72-7.1A-15-4P-1-004	1600	15-4	13987-22635	1914-1423
LWFDF4-72-7.1A-11-4P-1-005	1450	11-4	12676-20513	1573-1168
LWFDF4-72-7.1A-5.5-4P-1-006	1200	5.5-4	10490-16976	1076-800
LWFDF4-72-7.1A-3-4P-1-007	960	3-4	8392-13581	689-512

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWFDF4-72-7.1A-1.5-4P-1-008	700	1.5-4	6119-9903	366-272
LWFDF4-72-8A-30-2P-1-001	1800	30-2	19641-25240	3143-3032
LWFDF4-72-8A-37-2P-1-002	1800	37-2	28195-36427	2920-2302
LWFDF4-72-8A-22-2P-1-003	1600	22-2	17463-22435	2478-2390
LWFDF4-72-8A-30-2P-1-004	1600	30-2	24982-32280	2303-1816
LWFDF4-72-8A-11-4P-1-005	1250	11-4	13643-25297	1507-1106
LWFDF4-72-8A-7.5-4P-1-006	1250	7.5-4	12224-15705	1209-1166
LWFDF4-72-8A-11-4P-1-007	1120	11-4	17487-22666	1124-887
LWFDF4-72-8A-5.5-4P-1-008	1120	5.5-4	10914-14022	963-929
LWFDF4-72-8A-7.5-4P-1-009	1000	7.5-4	15614-20237	895-707
LWFDF4-72-8A-4-4P-1-010	900	4-4	9823-12620	779-752
LWFDF4-72-8A-5.5-4P-1-011	900	5.5-4	14052-18213	752-572
LWFDF4-72-8A-3-4P-1-012	800	3-4	8732-16190	615-452
LWFDF4-72-8A-3-4P-1-013	710	3-4	7749-14368	485-356
LWFDF4-72-10A-37-4P-1-001	1250	37-4	34863-48797	2373-1877
LWFDF4-72-10A-30-4P-1-002	1120	30-4	31237-43722	1902-1505
LWFDF4-72-10A-18.5-4P-1-003	1000	18.5-4	27890-39038	1514-1199
LWFDF4-72-10A-15-4P-1-004	900	15-4	25101-35134	1225-970
LWFDF4-72-10A-11-4P-1-005	800	11-4	22312-31230	967-766
LWFDF4-72-10A-7.5-4P-1-006	710	7.5-4	19802-27717	761-603
LWFDF4-72-10A-5.5-4P-1-007	630	5.5-4	17571-24594	599-475
LWFDF4-72-10A-4-4P-1-008	560	4-4	15618-21861	473-375
LWFDF4-72-12A-75-4P-1-001	1120	75-4	53978-75552	2746-2172
LWFDF4-72-12A-45-4P-1-002	1000	45-4	48195-60397	2185-1968
LWFDF4-72-12A-55-4P-1-003	1000	55-4	63953-67457	1859-1729
LWFDF4-72-12A-37-4P-1-004	900	37-4	43375-60712	1767-1399
LWFDF4-72-12A-22-4P-1-005	800	22-4	38556-41973	1395-1376
LWFDF4-72-12A-30-4P-1-006	800	30-4	45391-53996	1321-1104
LWFDF4-72-12A-18.5-4P-1-007	710	18.5-4	34218-47895	1097-869
LWFDF4-72-12A-15-4P-1-008	630	15-4	30362-42498	863-684
LWFDF4-72-12A-7.5-4P-1-009	560	7.5-4	26989-29381	682-673
LWFDF4-72-12A-11-4P-1-010	560	11-4	31774-37776	646-540
LWFDF4-72-12A-7.5-4P-1-011	500	7.5-4	24907-33728	543-430

LWFDF4-72 Type C Mounting Dimensions



LWFDF4-72 Type C Installation Dimension Sheet

Model	Inlet Size			Outlet Size									Overall Dimensions													Weight (excluding motor) (kg)
	Φ1	Φ2	Φ3	A1	A2	A3	a×x	B1	B2	B3	b×y	n1-d1	C1	C2	C3	C4	C5	E	E1	E2	H	H1	L	L1	n2-d2	
LWFDF4-72-2.5A	250	280	296	168	200	228	2×100	196	228	258	2×114	8-Φ8	354	390	320	50	740	510	308	178	350	526	650	88	6-Φ14	50
LWFDF4-72-2.8A	280	306	324	190	226	254	4×56.5	206	244	272	4×61	16-Φ8	354	390	320	50	740	566	340	196	380	571	680	103	6-Φ14	65
LWFDF4-72-3.2A	320	350	367	224	254	284	4×63.5	251	282	310	4×70.5	16-Φ8	354	390	320	50	740	642	384	224	420	644	700	116	6-Φ14	71
LWFDF4-72-3.6A	360	394	416	252	284	312	4×71	281	313	343	4×78.3	16-Φ8	334	370	370	50	840	718	428	252	470	720	730	130	6-Φ14	86
LWFDF4-72-4A	400	440	462	278	310	338	4×77.5	317	349	377	4×87.3	16-Φ8	394	430	415	50	930	785	462	280	500	766	820	145	6-Φ14	110
LWFDF4-72-4.5A	450	490	512	315	345	373	3×115	348	380	408	5×76	16-Φ8	394	430	415	50	930	885	523	315	550	850	870	160	6-Φ14	122
LWFDF4-72-5A	500	550	572	350	380	408	5×76	390	422	450	5×84.4	16-Φ8	614	650	475	50	1050	981	578	350	640	972	900	180	7-Φ14	160
LWFDF4-72-5.6A	560	610	640	388	420	448	4×105	440	472	500	4×118	16-Φ8	594	630	475	50	1050	1095	644	392	700	1082	930	200	7-Φ14	173
LWFDF4-72-6A	600	645	676	419	451	479	5×90.2	474	506	534	5×101.2	20-Φ8	647	725	535	50	1170	1174	692	420	750	1232	1100	215	7-Φ14	220
LWFDF4-72-6.3A	630	680	710	441	473	501	5×94.6	502	534	562	5×106.8	20-Φ8	764	800	555	50	1215	1231	725	441	800	1280	1100	230	7-Φ14	278
LWFDF4-72-7.1A	710	755	800	497	544	584	5×108.8	568	614	654	5×122.8	20-Φ10	764	800	555	50	1215	1397	821	494	760	1235	1200	255	7-Φ14	303

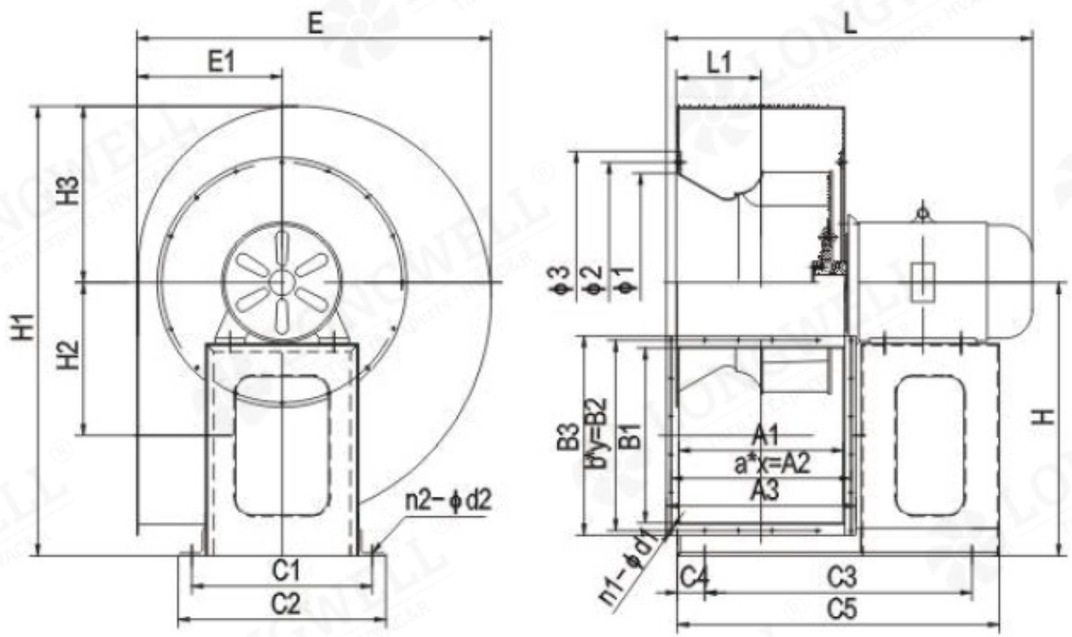
LWFDF4-79A/4-2X79E Centrifugal Fan

Performance Introduction



Model LWFDF4-2X79E and Model LWFDF4-79A centrifugal Fan convey air and other non-hypergolic gas which are not harmfu to the human body and will not cor-rode steelmaterials. The adhesive materials are not allowed in the gas.Its con-taining cust and hard particles should not exceed 150mg/m³, gas temperature not exceed 80℃. It has sound pnoumatic, performance.
The paddle wheel, pulley have been implemented with static, dynamic balancing correction. Therefore it has features such as balanced running little vibration, high efficiency, long life etc. It is widely applicable for the indoor ventilation, air-exchange, exhaust in the mining and industrial Enterprises, large-size architectures, guesthouses, restaurants etc.

Mounting Dimensions



LWFDF4-79A Installation Dimension Sheet

Model	Motor Power	Inlet Size			Outlet Size									Overall Dimensions													
		Φ1	Φ2	Φ3	A1	A2	A3	a×x	B1	B2	B3	b×y	n1-d1	C1	C2	C3	C4	C5	E	E1	H	H1	H2	H3	L	L1	n3-d3
LWFDF4-79A-3A	1.5-2	300	335	365	234	266	294	3×88.6	325	357	387	4×89.3	14-Φ8	280	310	420	30	480	524	234	400	645	171	245	526	121	4-Φ10
LWFDF4-79A-3A	0.75-4	300	335	365	234	266	294	3×88.6	325	357	387	4×89.3	14-Φ8	205	235	380	30	440	524	234	400	645	171	245	516	121	4-Φ10
LWFDF4-79A-3.5A	3-2	350	388	416	273	305	333	3×101.6	375	407	435	4×101.8	14-Φ8	290	330	445	40	525	612	273	460	746	202	286	630	142	4-Φ10
LWFDF4-79A-3.5A	1.1-4	350	388	416	273	305	333	3×101.6	375	407	435	4×101.8	14-Φ8	290	330	445	40	525	612	273	460	746	202	286	565	142	4-Φ10
LWFDF4-79A-4A	5.5-2	410	440	462	310	342	370	4×85.5	428	460	488	4×115	16-Φ8	366	416	540	50	640	700	312	520	878	229	328	742	162	4-Φ14
LWFDF4-79A-4A	1.1-4	410	440	462	310	342	370	4×85.5	428	460	488	4×115	16-Φ8	235	275	485	40	565	700	312	520	878	229	328	607	162	4-Φ14
LWFDF4-79A-4.5A	11-2	450	490	512	349	381	409	4×95.3	477	509	537	5×101.8	18-Φ8	400	450	710	50	810	786	351	620	987	259	367	882	181	4-Φ14
LWFDF4-79A-4.5A	1.5-4	450	490	512	349	381	409	4×95.3	477	509	537	5×101.8	18-Φ8	245	295	510	50	610	786	351	590	957	259	367	677	181	4-Φ14
LWFDF4-79A-5A	15-2	500	550	572	390	422	450	4×105.5	530	562	590	5×112.4	16-Φ8	400	450	750	50	850	871	390	660	1066	288	406	922	225	4-Φ14
LWFDF4-79A-5A	2.2-4	500	550	572	390	422	450	4×105.5	530	562	590	5×112.4	16-Φ8	265	315	560	50	660	800	390	660	1066	288	406	747	225	4-Φ14
LWFDF4-79A-6A	5.5-4	600	645	676	466	498	526	5×99.6	645	677	705	6×112.8	22-Φ8	366	416	705	50	805	1046	470	760	1246	338	486	913	241	4-Φ14
LWFDF4-79A-6A	1.5-6	600	645	676	466	498	526	5×99.6	645	677	705	6×112.8	22-Φ8	295	345	660	50	760	1046	470	760	1246	338	486	838	241	4-Φ14

LWFDF4-79A Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWFDF4-79A-3A-1.5-2P-1-001	2900	1.5-2	1970-3830	1196-726
LWFDF4-79A-3A-0.75-4P-1-002	1450	0.75-4	990-1910	304-177
LWFDF4-79A-3.5A-3-2P-1-001	2900	3-2	3120-6070	1628-981
LWFDF4-79A-3.5A-1.1-4P-1-002	1450	1.1-4	1560-3040	412-245
LWFDF4-79A-4A-5.5-2P-1-001	2900	5.5-2	4670-9080	2138-1275
LWFDF4-79A-4A-1.1-4P-1-002	1450	1.1-4	2330-4540	530-324
LWFDF4-79A-4.5A-11-2P-1-001	2900	11-2	6640-12920	2697-1618
LWFDF4-79A-4.5A-1.5-4P-1-002	1450	1.5-4	3320-6450	677-402
LWFDF4-79A-5A-15-2P-1-001	2900	15-2	9100-17720	3334-2001
LWFDF4-79A-5A-2.2-4P-1-002	1450	2.2-4	4560-8860	834-500
LWFDF4-79A-6A-5.5-2P-1-001	1450	5.5-4	7890-15320	1196-706
LWFDF4-79A-6A-1.5-6P-1-002	960	1.5-6	5230-10100	530-314

LWFDF4-2X79E Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWFDF4-2X79E-4A-5.5-4P-1-001	2250	5.5-4	6790-11390	1350-864
LWFDF4-2X79E-4A-3-4P-1-002	1800	3.0-4	5400-9110	864-553
LWFDF4-2X79E-4A-1.5-4P-1-003	1350	1.5-4	4080-6840	486-311
LWFDF4-2X79E-5A-11-4P-1-001	2000	11-4	13600-18820	1640-1230
LWFDF4-2X79E-5A-5.5-4P-1-002	1550	5.5-4	7980-13340	1010-647
LWFDF4-2X79E-5A-2.2-4P-1-003	1200	2.2-4	6380-11640	618-412
LWFDF4-2X79E-6A-18.5-4P-1-001	1800	18.5-4	16760-29820	1996-1362
LWFDF4-2X79E-6A-5.5-4P-1-002	1200	5.5-4	10990-20070	882-588
LWFDF4-2X79E-6A-2.2-4P-1-003	800	2.2-4	7360-13380	392-265
LWFDF4-2X79E-7A-30-4P-1-001	1600	30-4	24930-48330	1971-1167
LWFDF4-2X79E-7A-15-4P-1-002	1250	15-4	19470-37710	1206-716
LWFDF4-2X79E-7A-7.5-4P-1-003	1000	7.5-4	15570-30240	775-461
LWFDF4-2X79E-7A-3-4P-1-004	710	3-4	10990-21420	392-235
LWFDF4-2X79E-8A-30-4P-1-001	1270	30-4	23760-52960	1569-932
LWFDF4-2X79E-8A-15-4P-1-002	1000	15-4	21520-41680	971-578
LWFDF4-2X79E-8A-7.5-4P-1-003	800	7.5-4	17210-33360	618-373
LWFDF4-2X79E-8A-3-6P-1-004	600	3-6	13520-26320	387-225

LWFDF4-68 Centrifugal Fan

Performance Introduction

Model LWFDF4-68 centrifugal fan is applicable for the indoor ventilation and air-exchange in the ordinary factories and large-size architectures, It can be used for both the input gas and output gas. It should be air which dose not exceed 810℃ and other non-hypergoic gas which is not harmful to human body and not corrosive to the steel and iron materiats.It allows no adhesve substances also. Its containing dust and hard particle hard particle should not be larger than 150mg/m³.

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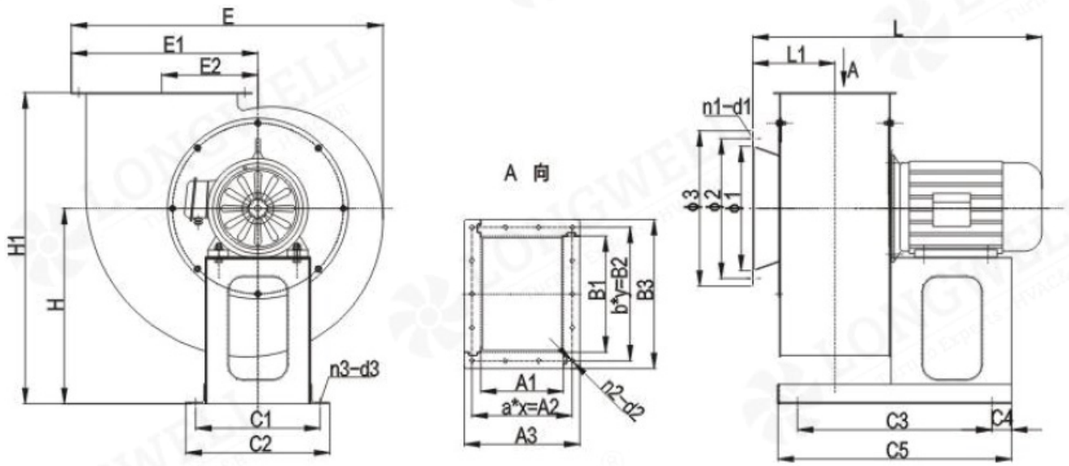


Type A



Type C

Mounting Dimensions



LWFDF4-68 Installation Dimension Sheet

Model	Motor Power	Inlet Size				Outlet Size									Overall Dimensions												
		Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	C1	C2	C3	C4	C5	E	E1	E2	H	H1	L	L1	n3-d3
LWFDF4-68-2.8A	1.1-2	280	306	324	8-Φ10	147	183	211	3×61	206	244	272	4×61	14-Φ8	205	235	300	30	360	566	340	196	370	561	453	122	4-Φ12
LWFDF4-68-2.8A	0.55-4	280	306	324	8-Φ10	147	183	211	3×61	206	244	272	4×61	14-Φ8	205	235	300	30	360	566	340	196	370	561	453	122	4-Φ12
LWFDF4-68-3.15A	1.5-2	320	350	367	8-Φ10	176	206	234	3×68.6	250	282	310	4×70.5	14-Φ8	280	310	360	30	420	651	393	238	420	644	492	139	4-Φ12
LWFDF4-68-3.15A	0.55-4	320	350	367	8-Φ10	176	206	234	3×68.6	250	282	310	4×70.5	14-Φ8	205	235	325	30	385	651	393	238	420	644	482	139	4-Φ12
LWFDF4-68-3.55A	3-2	360	394	416	8-Φ10	190	228	258	3×76	275	313	341	4×78.3	14-Φ8	290	330	395	40	455	720	430	269	460	712	580	153	4-Φ14
LWFDF4-68-3.55A	0.55-4	360	394	416	8-Φ10	190	228	258	3×76	275	313	341	4×78.3	14-Φ8	235	275	365	40	445	720	430	269	460	712	515	153	4-Φ14
LWFDF4-68-4A	4-2	400	440	462	16-Φ10	222	254	282	3×84.6	310	342	370	4×85.5	14-Φ8	285	325	485	40	565	796	472	280	500	774	625	171	4-Φ14
LWFDF4-68-4A	0.75-4	400	440	462	16-Φ10	222	254	282	3×84.6	310	342	370	4×85.5	14-Φ8	235	275	395	40	475	796	472	280	500	774	540	171	4-Φ14
LWFDF4-68-4.5A	7.5-2	450	490	512	16-Φ10	252	282	310	3×94	348	380	408	5×76	16-Φ8	366	416	485	50	585	855	495	315	560	860	723	196	4-Φ14
LWFDF4-68-4.5A	1.1-4	450	490	512	16-Φ10	252	282	310	3×94	348	380	408	5×76	16-Φ8	245	295	400	50	500	855	495	315	560	860	607	196	4-Φ14
LWFDF4-68-5A	15-2	500	550	572	16-Φ10	273	311	339	4×77.8	384	422	450	5×84.4	18-Φ8	400	450	640	50	740	955	595	378	620	970	850	206	4-Φ14
LWFDF4-68-5A	2.2-4	500	550	572	16-Φ10	273	311	339	4×77.8	384	422	450	5×84.4	18-Φ8	265	315	465	50	565	955	595	378	620	970	672	206	4-Φ14

LWFDF4-68 Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m^3/h)	Total Pressure (Pa)
LWFDF4-68-2.8A-1.1-2P-1-001	2900	1.1-2	1131-2262	971-657
LWFDF4-68-2.8A-0.55-4P-1-002	1450	0.55-4	565-1131	245-167
LWFDF4-68-3.15A-1.5-2P-1-001	2900	1.5-2	1825-3435	1246-853
LWFDF4-68-3.15A-0.55-4P-1-002	1450	0.55-4	912-1718	314-216
LWFDF4-68-3.55A-3-2P-1-001	2900	3-2	2708-5013	1608-1108
LWFDF4-68-3.55A-0.55-4P-1-002	1450	0.55-4	1354-2507	402-275
LWFDF4-68-4A-4-2P-1-001	2900	4-2	3984-7281	2069-1432
LWFDF4-68-4A-0.75-4P-1-002	1450	0.75-4	1992-3641	520-353
LWFDF4-68-4.5A-7.5-2P-1-001	2900	7.5-2	5790-10485	2658-1834
LWFDF4-68-4.5A-1.1-4P-1-002	1450	1.1-4	2895-5242	667-461
LWFDF4-68-5A-15-2P-1-001	2900	15-2	8050-14490	3315-2305
LWFDF4-68-5A-2.2-4P-1-002	1450	2.2-4	4025-7245	824-579
LWFDF4-68-6.3A-5.5-4P-1-001	1450	5.5-4	8320-14761	1324-922
LWFDF4-68-6.3A-2.2-6P-1-002	960	2.2-6	5508-9773	579-402
LWFDF4-68-8A-18.5-4P-1-001	1450	18.5-4	17585-30775	2158-1501
LWFDF4-68-8A-5.5-6P-1-002	960	5.5-6	11643-20375	942-657
LWFDF4-68-8A-3-8P-1-003	730	3-8	8853-15493	549-383
LWFDF4-68-10A-55-4P-1-001	1450	55-4	35420-61179	3442-2422
LWFDF4-68-10A-18.5-6P-1-002	960	18.5-6	23450-40505	1510-1059
LWFDF4-68-10A-7.5-6P-1-003	730	7.5-6	17832-30801	873-618
LWFDF4-68-12.5A-55-6P-1-001	960	55-6	45800-79111	2354-1657
LWFDF4-68-12.5A-22-8P-1-002	730	22-8	34828-60157	1368-961
LWFDF4-68-6.3A-22-2P-1-003	2240	22-2	12852-22803	3159-2197
LWFDF4-68-6.3A-15-2P-1-004	2000	15-2	11476-20359	2511-1756

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWFDF4-68-6.3A-11-2P-1-005	1800	11-2	10328-18324	2040-1422
LWFDF4-68-6.3A-5.5-4P-1-006	1400	5.5-4	8032-14251	1236-863
LWFDF4-68-6.3A-4-4P-1-007	1250	4-4	7172-12724	981-687
LWFDF4-68-6.3A-1.5-4P-1-008	900	1.5-4	5164-9162	510-353
LWFDF4-68-8A-37-2P-1-004	1800	37-2	21830-38202	3315-2315
LWFDF4-68-8A-30-2P-1-005	1600	30-2	19404-33958	2619-1834
LWFDF4-68-8A-18.5-2P-1-006	1400	18.5-2	16979-29713	2010-1402
LWFDF4-68-8A-15-4P-1-007	1250	15-4	15159-26528	1599-1118
LWFDF4-68-8A-5.5-4P-1-008	900	5.5-4	10915-19101	834-579
LWFDF4-68-8A-2.2-4P-1-009	630	2.2-4	7641-13371	402-284
LWFDF4-68-10A-37-4P-1-004	1250	37-4	30534-52740	2560-1795
LWFDF4-68-10A-30-4P-1-005	1120	30-4	27358-47256	2050-1442
LWFDF4-68-10A-22-4P-1-006	1000	22-4	24427-42192	1638-1147
LWFDF4-68-10A-11-4P-1-007	800	11-4	19541-33754	1049-736
LWFDF4-68-10A-5.5-4P-1-008	630	5.5-4	15389-26581	647-461
LWFDF4-68-10A-3-4P-1-009	500	3-4	12214-21096	412-284
LWFDF4-68-12.5A-75-4P-1-003	1120	75-4	53434-66388	3207-3040
LWFDF4-68-12.5A-45-6P-1-004	900	45-6	42938-74166	2069-1451
LWFDF4-68-12.5A-30-6P-1-005	800	30-6	38168-65926	1638-1147
LWFDF4-68-12.5A-22-6P-1-006	710	22-6	33874-58509	1285-902
LWFDF4-68-12.5A-11-6P-1-007	560	11-6	26717-46148	804-559
LWFDF4-68-12.5A-4-6P-1-008	400	4-6	19084-32963	412-284

LWFDF5-70 Double Outlets Centrifugal Fan

Performance Introduction

This series centrifugal fan is a new developed model, with two outlets in two opposite directions. It can supply air in two different directions at the same time to save the bent pipes.

It is widely used for ventilating and air exchanging for plants and big buildings, etc.

It is not allowed to transfer gas containing dust sticky particles, the content of hard particles no more than 150 mg/m³.



LWFDF5-70 Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWFDF5-70-2.8A-1.1-2P-1-001	2900	1.1-2	1244-2490	1068-723
LWFDF5-70-2.8A-0.55-4P-1-002	1450	0.55-4	622-1244	270-184
LWFDF5-70-3.15A-1.5-2P-1-001	2900	1.5-2	2010-3870	1370-938
LWFDF5-70-3.15A-0.58-4P-1-002	1450	0.55-4	1003-1890	345-238
LWFDF5-70-3.55A-3-2P-1-001	2900	3-2	2980-5514	1769-1220
LWFDF5-70-3.55A-0.55-4P-1-002	1450	0.55-4	1489-2758	442-306
LWFDF5-70-4A-4-2P-1-001	2900	4-2	4382-8009	2276-1575
LWFDF5-70-4A-0.75-4P-1-002	1450	0.75-4	2191-4005	572-388
LWFDF5-70-4.5A-7.5-2P-1-001	2900	7.5-2	6369-11535	2924-2017
LWFDF5-70-4.5A-1.1-4P-1-002	1450	1.1-4	3185-5766	734-507
LWFDF5-70-5A-15-2P-1-001	2900	15-2	8855-15939	3647-2536
LWFDF5-70-5A-2.2-4P-1-001	1450	2.2-4	4428-7970	906-637

LWFDF6-48 Dust Exhausting Centrifugal Fan

Performance Introduction

Model LWFDF6-48 dust exhausting centrifugal fan is a dust-exhausting special-purpose fan which has been jointly designed with the Fan Industry The series fan has the features such as uneasy to collect dust and fine wear-ability etc. It is applicable for exhausting gas containing dust.Wooden scraps, fin and crushed fiber etc. (If there are hard particles in gas, a dust-collecting device should be installed in front of the fan). It can also be used as the common ventilation and air-exchange purposes.



Type A



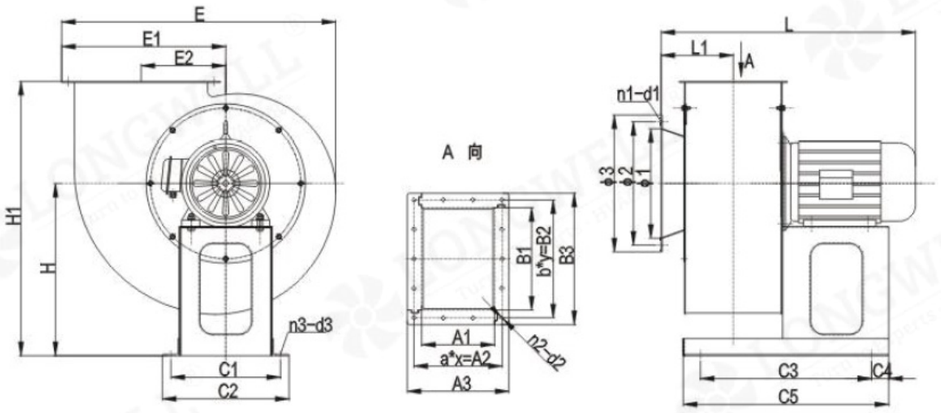
Type C

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LWFDF6-48 Type A Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWFDF6-48-3.15A-2.2-2P-1-001	2900	2.2-2	1369-3060	1587-1163
LWFDF6-48-3.15A-0.55-4P-1-002	1450	0.55-4	684-1530	397-291
LWFDF6-48-4A-5.5-2P-1-001	2900	5.5-2	2748-6374	2594-1859
LWFDF6-48-4A-1.1-4P-1-002	1450	1.1-4	2582-3187	553-465
LWFDF6-48-5A-3-4P-1-001	1450	3-4	4401-6252	918-724
LWFDF6-48-5A-0.75-6P-1-002	960	0.75-6	1705-4139	449-317
LWFDF6-48-6.3A-7.5-4P-1-001	1450	7.5-4	10091-12505	1369-1150
LWFDF6-48-6.3A-2.2-6P-1-002	960	2.2-6	3411-8279	711-504

LWFDF6-48 Type A Mounting Dimensions



LWFDF6-48 Type A Installation Dimension Sheet

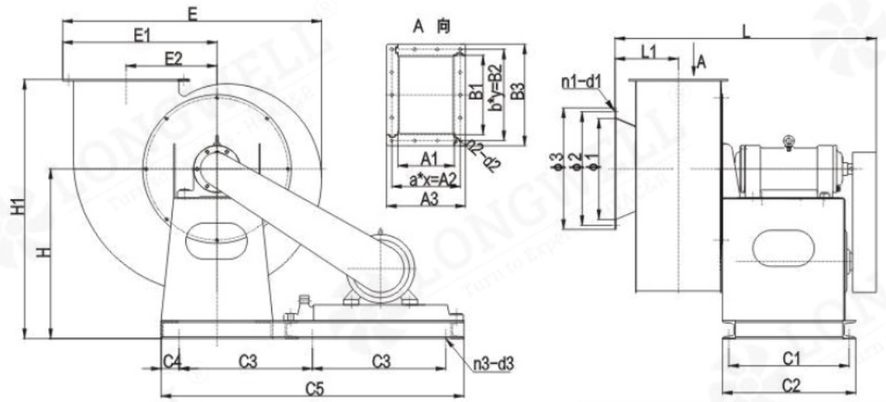
Model	Motor Power	Inlet Size				Outlet Size									Overall Dimensions											
		Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	C1	C2	C3	C4	C5	E	E1	E2	H	H1	L	L1	n3-d3
LWFDF6-48-3.15A	2.2-2	250	280	310	8-Φ10	149	187	215	3×62.3	189	227	255	3×75.7	12-Φ8	280	310	345	30	405	585	353	222	420	622	490	114	4-Φ12
LWFDF6-48-3.15A	0.55-4	250	280	310	8-Φ10	149	187	215	3×62.3	189	227	255	3×75.7	12-Φ8	205	235	310	30	370	585	353	222	420	622	490	114	4-Φ12
LWFDF6-48-4A	5.5-2	320	350	367	8-Φ10	193	232	260	3×77.3	246	285	313	4×71.3	14-Φ8	366	416	430	50	530	794	472	280	520	794	625	123	4-Φ14
LWFDF6-48-4A	1.1-4	320	350	367	8-Φ10	193	232	260	3×77.3	246	285	313	4×71.3	14-Φ8	235	275	385	40	465	794	472	280	520	794	490	123	4-Φ12
LWFDF6-48-5A	3-4	400	440	462	16-Φ10	247	286	314	3×95.3	312	351	379	3×117	12-Φ8	265	315	430	50	530	907	541	350	600	915	612	159	4-Φ14
LWFDF6-48-5A	0.75-6	400	440	462	16-Φ10	247	286	314	3×95.3	312	351	379	3×117	12-Φ8	265	315	430	50	530	907	541	350	590	905	560	159	4-Φ14
LWFDF6-48-6.3A	7.5-4	500	550	572	16-Φ10	314	346	374	4×86.5	410	441	469	5×88.2	18-Φ8	376	436	540	60	660	1118	663	425	740	1132	812	213	4-Φ14
LWFDF6-48-6.3A	2.2-6	500	550	572	16-Φ10	314	346	374	4×86.5	410	441	469	5×88.2	18-Φ8	295	345	510	50	610	1118	663	425	740	1132	713	213	4-Φ14

LWFDF6-48 Type C Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWFDF6-48-3.15A-0.75-2P-1-001	1600	0.75-2	755-1688	483-354
LWFDF6-48-3.15A-0.75-2P-1-002	1800	0.75-2	850-1899	611-448
LWFDF6-48-3.15A-0.75-2P-1-003	2000	0.75-2	944-2110	755-553
LWFDF6-48-3.15A-1.1-2P-1-004	2240	1.1-2	1057-2363	948-694
LWFDF6-48-3.15A-1.1-2P-1-005	2500	1.1-2	1180-1909	1181-1070
LWFDF6-48-3.15A-1.5-2P-1-006	2500	1.5-2	2152-2637	1015-865
LWFDF6-48-3.15A-1.5-2P-1-007	2800	1.5-2	1322-2138	1483-1344
LWFDF6-48-3.15A-2.2-2P-1-008	2800	2.2-2	2410-2954	1274-1086
LWFDF6-48-3.15A-2.2-2P-1-008	3150	2.2-2	1487-2711	1880-1615
LWFDF6-48-3.15A-3-2P-1-008	3150	3-2	3017-3323	1507-1376
LWFDF6-48-4A-0.75-2P-1-001	1250	0.75-2	1184-2748	481-345
LWFDF6-48-4A-0.75-2P-1-002	1400	0.75-2	1326-3077	603-433
LWFDF6-48-4A-1.1-2P-1-003	1600	1.1-2	1516-2850	789-672
LWFDF6-48-4A-1.5-2P-1-004	1600	1.5-2	3183-3517	624-565
LWFDF6-48-4A-1.5-2P-1-005	1800	1.5-2	1705-3957	999-716
LWFDF6-48-4A-2.2-2P-1-006	2000	2.2-2	1895-4396	1234-884
LWFDF6-48-4A-2.2-2P-1-007	2240	2.2-2	2122-2589	1550-1505
LWFDF6-48-4A-3-2P-1-008	2240	3-2	3056-4924	1451-1110
LWFDF6-48-4A-3-2P-1-009	2500	3-2	2369-3411	1933-1810
LWFDF6-48-4A-4-2P-1-010	2500	4-2	3932-5495	1737-1384
LWFDF6-48-5A-0.75-2P-1-001	1000	0.75-2	1776-3035	486-436
LWFDF6-48-5A-1.1-2P-1-002	1000	1.1-2	3479-4312	410-344
LWFDF6-48-5A-1.5-2P-1-003	1250	1.5-2	2221-4349	760-641
LWFDF6-48-5A-2.2-2P-1-004	1250	2.2-2	4927-5390	592-538
LWFDF6-48-5A-2.2-2P-1-005	1400	2.2-2	2487-6036	954-675
LWFDF6-48-5A-3-2P-1-006	1600	3-2	2842-6899	1247-882
LWFDF6-48-5A-4-2P-1-007	1800	4-2	3198-6262	1580-1332
LWFDF6-48-5A-5.5-2P-1-008	1800	5.5-2	7095-7761	1230-1118
LWFDF6-48-5A-5.5-2P-1-009	2000	5.5-2	3553-6958	1953-1647
LWFDF6-48-5A-7.5-2P-1-010	2000	7.5-2	7883-8623	1521-1381
LWFDF6-48-6.3A-1.1-4P-1-001	800	1.1-4	2843-4116	494-464
LWFDF6-48-6.3A-1.5-4P-1-002	800	1.5-4	4857-6900	443-350
LWFDF6-48-6.3A-1.5-4P-1-003	900	1.5-4	3198-4631	625-588
LWFDF6-48-6.3A-2.2-4P-1-004	900	2.2-4	5464-7762	561-443

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWFDF6-48-6.3A-2.2-4P-1-005	1000	2.2-4	3554-6071	772-693
LWFDF6-48-6.3A-3-4P-1-006	1000	3-4	6959-8625	651-547
LWFDF6-48-6.3A-3-4P-1-007	1120	3-4	3980-7794	969-818
LWFDF6-48-6.3A-4-4P-1-008	1120	4-4	8831-9660	755-686
LWFDF6-48-6.3A-4-4P-1-009	1250	4-4	4442-7588	1208-1085
LWFDF6-48-6.3A-5.5-4P-1-010	1250	5.5-4	8699-10781	1019-855
LWFDF6-48-8A-2.2-4P-1-001	630	2.2-4	4584-11126	494-350
LWFDF6-48-8A-3-4P-1-002	710	3-4	5166-12539	627-444
LWFDF6-48-8A-3-4P-1-003	800	3-4	5821-8429	797-749
LWFDF6-48-8A-4-4P-1-004	800	4-4	9944-14128	716-564
LWFDF6-48-8A-5.5-4P-1-005	900	5.5-4	6549-12824	1009-851
LWFDF6-48-8A-7.5-4P-1-006	900	7.5-4	14530-15894	786-714
LWFDF6-48-8A-7.5-4P-1-007	1000	7.5-4	7276-17660	1247-882
LWFDF6-48-8A-7.5-4P-1-008	1120	7.5-4	8150-9763	1566-1526
LWFDF6-48-8A-11-4P-1-009	1120	11-4	11799-19779	1472-1108
LWFDF6-48-8A-15-4P-1-010	1250	15-4	9096-22075	1953-1381
LWFDF6-48-10A-4-4P-1-001	500	4-4	7402-18208	508-344
LWFDF6-48-10A-5.5-4P-1-002	630	5.5-4	9327-18373	807-659
LWFDF6-48-10A-7.5-4P-1-003	710	7.5-4	10510-20706	1026-838
LWFDF6-48-10A-11-4P-1-004	710	11-4	23334-25856	769-695
LWFDF6-48-10A-11-4P-1-005	800	11-4	11843-23331	1034-1065
LWFDF6-48-10A-15-4P-1-006	800	15-4	26291-29134	978-882
LWFDF6-48-10A-15-4P-1-007	900	15-4	13323-23049	1653-1445
LWFDF6-48-10A-18.5-4P-1-008	900	18.5-4	26247-32776	1349-1118
LWFDF6-48-10A-18.5-4P-1-009	1000	18.5-4	14804-22057	2043-1900
LWFDF6-48-10A-22-4P-1-010	1000	22-4	25610-36417	1787-1381
LWFDF6-48-12.5A-4-4P-1-001	400	4-4	11565-20008	508-445
LWFDF6-48-12.5A-5.5-4P-1-002	400	5.5-4	22784-28451	415-344
LWFDF6-48-12.5A-7.5-4P-1-003	500	7.5-4	14457-25010	795-695
LWFDF6-48-12.5A-11-4P-1-004	500	11-4	28480-35564	695-538
LWFDF6-48-12.5A-15-4P-1-005	630	15-4	18215-31513	1264-1105
LWFDF6-48-12.5A-18.5-4P-1-006	630	18.5-4	35885-44811	1031-855
LWFDF6-48-12.5A-22-4P-1-007	710	22-4	20528-35515	1607-1405
LWFDF6-48-12.5A-30-4P-1-008	710	30-4	40442-50501	1311-1087
LWFDF6-48-12.5A-30-4P-1-009	800	30-4	23131-34465	2043-1900
LWFDF6-48-12.5A-37-4P-1-010	800	37-4	40017-56902	1787-1381

LWFDF6-48 Type C Mounting Dimensions



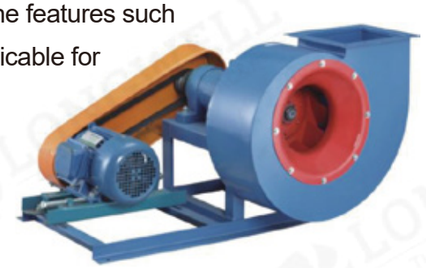
LWFDF6-48 Type C Installation Dimension Sheet

Model	Inlet Size				Outlet Size									Overall Dimensions											
	Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	C1	C2	C3	C4	C5	E	E1	E2	H	H1	L	L1	n3-d3
LWFDF6-48-3.15A	250	280	310	8-Φ10	149	187	215	3×62.3	189	227	255	3×75.7	12-Φ8	354	390	320	50	740	585	353	222	400	602	650	114	6-Φ14
LWFDF6-48-4A	320	350	367	8-Φ10	193	232	260	3×77.3	246	285	313	4×71.3	14-Φ8	404	440	415	50	930	794	472	280	500	774	750	123	6-Φ14
LWFDF6-48-5A	400	440	462	16-Φ10	247	286	314	3×95.3	312	351	379	3×117	12-Φ8	614	650	415	50	930	907	541	350	600	915	800	159	6-Φ14
LWFDF6-48-6.3A	500	550	572	16-Φ10	314	346	374	4×86.5	410	441	469	5×88.2	18-Φ8	647	630	535	50	1170	660	1118	663	800	1192	1020	213	7-Φ14

LWFDF4-73 Dust Exhausting Centrifugal Fan

Performance Introduction

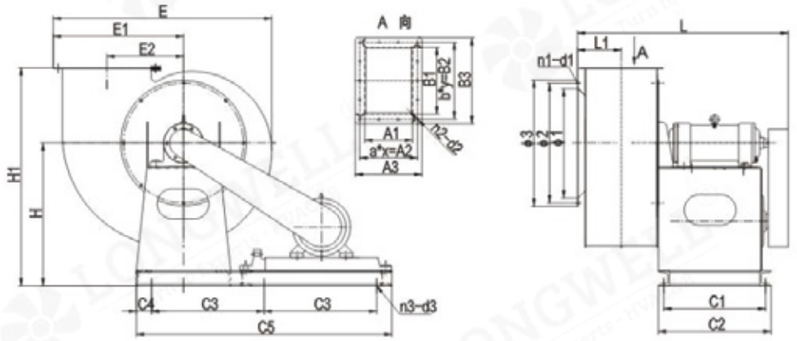
Model LWFDF4-73 Centrifugal Dust Exhausting Fan has the features such as uneasy to collect dust and fine wear-ability etc. It is applicable for exhausting gas containing dust, wooden scraps, fine and crushed fiber etc. (If there are hard particles in gas, a dust-colle cting device should be installed in front of thefan.)



It can also be used as the common ventilation ventilation and air-exchange.

This fan is mainly composed of the paddle-wheel, air inlet, casing,driveparts motor. It has left and right rotation two patterns.

Mounting Dimensions



Outline and Installation Dimensions

Model	Inlet Size				Outlet Size									Overall Dimensions											Weight (excluding motor)
	Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	C1	C2	C3	C4	C5	E	E1	E2	H	H1	L	L1	n3-d3	(kg)
LWFDF4-73-3.6A	360	394	416	8-Φ10	226	264	295	2×132	275	313	341	4×78.3	12-Φ8	334	370	370	50	840	718	428	252	470	718	690	144	6-Φ12	93
LWFDF4-73-4.5A	450	490	512	16-Φ10	315	345	373	3×115	348	380	408	5×76	16-Φ8	394	430	415	50	930	885	525	315	560	860	870	186	6-Φ14	160
LWFDF4-73-5.5A	560	610	640	16-Φ10	383	413	441	5×82.6	438	470	498	5×94	20-Φ8	594	630	500	50	1050	1093	642	392	700	1082	935	221	6-Φ14	192

Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m^3/h)	Total Pressure (Pa)
LWFDF4-73-3.6A-7.5-2P-1-001	4000	7.5-2	4250-7760	3138-1863
LWFDF4-73-3.6A-4-2P-1-002	3150	4.0-2	3100-5750	1863-1127
LWFDF4-73-3.6A-2.2-2P-1-003	2500	2.2-2	2640-4870	1225-735
LWFDF4-73-3.6A-1.5-2P-1-004	2240	1.5-2	2380-4350	1029-588
LWFDF4-73-3.6A-0.75-2P-1-005	1800	0.75-2	1930-3510	637-392
LWFDF4-73-3.6A-0.75-4P-1-006	1600	0.75-4	1725-3150	490-294
LWFDF4-73-4.5A-15-2P-1-001	3550	15-2	7400-13500	3922-2255
LWFDF4-73-4.5A-7.5-2P-1-002	2800	7.5-2	5800-10500	2451-1422
LWFDF4-73-4.5A-2.2-2P-1-003	1800	2.2-2	3700-6800	980-588
LWFDF4-73-4.5A-1.1-4P-1-004	1400	1.1-4	2900-5300	608-362
LWFDF4-73-5.5A-22-2P-1-001	2800	22-2	10600-19350	3665-2175
LWFDF4-73-5.5A-11-2P-1-002	2240	11-2	8400-15350	2314-1372
LWFDF4-73-5.5A-5.5-2P-1-003	1800	5.5-2	6800-12400	1471-872
LWFDF4-73-5.5A-3-2P-1-004	1400	3-2	5260-9650	902-539
LWFDF4-73-5.5A-1.5-4P-1-005	1120	1.5-4	4220-7700	578-343

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LWCF6-30 Type Grain and Powder Centrifugal Fan



Performance Introduction

The media exhausted by LWCF6-30 Type centrifugal fan is air non-coffisuve gas with no spontanoous combustion and no viscous substances. The temperature will not exceed 80°C. This fan has the specitic properties such as high pressure, small flow and so forrh. It is applicable for the pneumatic conveyance during the gain and cotton processing etc.

Technical Specifications

Model	Drive Type	Speed (r/min)	Flow Rate (m^3/h)	Total Pressure (Pa)	Matching Motor (KW-p)
LWCF6-30-5A-7.5-2P-1-001	A	2900	2240-4776	4393-3217	7.5-2
LWCF6-30-6A-11-2P-1-001	C	2400	3204-6880	4325-3168	11-2
LWCF6-30-6A-7.5-2P-1-002	C	2200	2937-6261	3638-2667	7.5-2
LWCF6-30-6A-5.5-2P-1-003	C	2000	2670-5962	3011-2207	5.5-2
LWCF6-30-6A-4-2P-1-004	C	1800	2403-5123	2442-1785	4-2
LWCF6-30-7A-15-2P-1-001	C	2020	4282-9129	4185-3060	15-2
LWCF6-30-7A-11-2P-1-002	C	1840	3900-8316	3462-2540	11-2
LWCF6-30-7A-7.5-2P-1-003	C	1680	3562-7592	2893-2118	7.5-2
LWCF6-30-7A-5.5-2P-1-004	C	1500	3180-6779	2305-1687	5.5-2
LWCF6-30-9A-30-4P-1-001	C	1800	8120-14680	5482-4746	30-4
LWCF6-30-9A-37-4P-1-002	C	1800	15990-17300	4403-4020	37-4
LWCF6-30-9A-22-4P-1-003	C	1645	7420-12210	4580-4109	22-4
LWCF6-30-9A-30-4P-1-004	C	1645	13410-15810	3962-3354	30-4

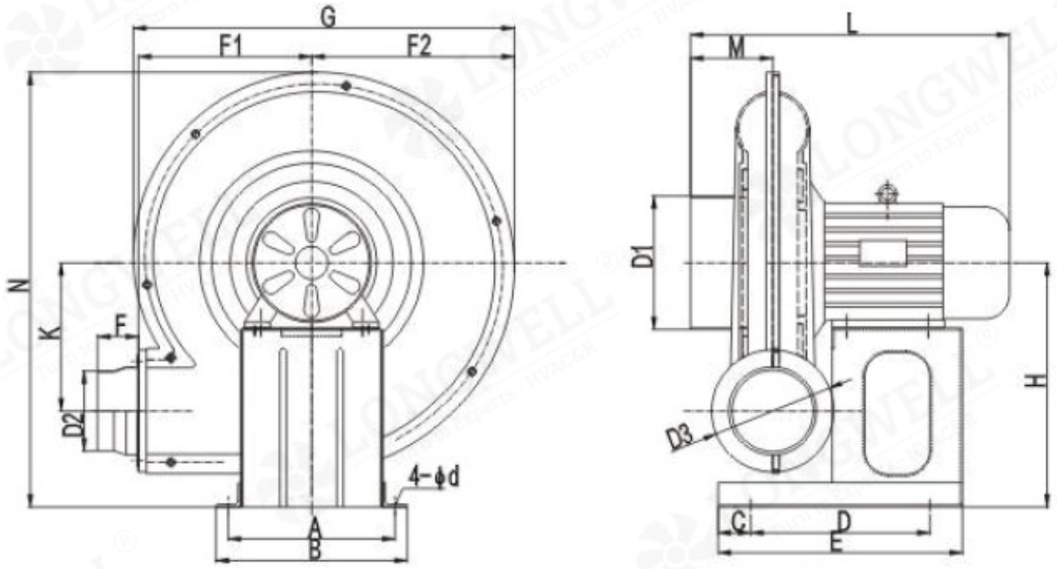
LWHCF6-33 Series Aluminum High Pressure Centrifugal Blower



Performance Introduction

LWHFDF6-33 series aluminum high pressure centrifugal blower is the newest developed model of our company. It has features as low noise, large air flow,high pressure, high efficiency, small size, easy installation. It adopts die cast aluminum casing back curved impellers firmly welded,can meet requirements of high speed running.It is mainly used in many fields as textile machinery,plastics machinery,printing machinery,cooking machinery etc.The using conditions,the ambient temperature≤65℃,the transmission medium temperature≤80℃,the media should not be with corrosive gases and vapors.Medium dust content in the air≤150 mg/m³.

Mounting Dimensions



LWHFDF6-33 Installation Dimension Sheet

Model	Power (W)	A	B	C	D	E	F	F1	F2	G	H	K	L	M	N	D1	D2	D3	4-Φd	Weight (kg)
LWHCF6-33-3A	0.75-2	205	235	40	220	300	40	213	249	468	300	182	392	101	534	164	100	150	10	49
LWHCF6-33-3.4A	1.1-2	205	235	40	220	300	40	213	249	468	300	182	392	101	534	164	100	150	10	52
LWHCF6-33-3.7A	1.5-2	205	235	40	220	300	50	233	272	515	350	205	414	107	612	194	125	160	10	58
LWHCF6-33-3.9A	2.2-2	205	235	40	220	300	50	233	272	515	350	205	444	107	612	194	125	160	10	61
LWHCF6-33-4.1A	3-2	280	310	40	270	350	60	304	336	642	410	245	486	115	731	214	145	200	10	78
LWHCF6-33-4.4A	4-2	280	310	40	270	350	60	304	336	642	410	245	502	115	731	214	145	200	10	88
LWHCF6-33-4.8A	5.5-2	390	440	50	340	440	60	325	355	680	440	258	565	116	780	224	145	215	15	133
LWHCF6-33-5A	7.5-2	390	440	50	340	440	60	325	355	680	440	258	565	116	780	224	145	215	15	138

Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWHCF6-33-3A-0.75-2P-1-001	2850	0.75-2	680	1650
LWHCF6-33-3.4A-1.1-2P-1-001	2850	1.1-2	930	1700
LWHCF6-33-3.7A-1.5-2P-1-001	2850	1.5-2	1150	2000
LWHCF6-33-3.9A-2.2-2P-1-001	2850	2.2-2	1320	2400
LWHCF6-33-4.1A-3-2P-1-001	2850	3-2	1800	2950
LWHCF6-33-4.4A-4-2P-1-001	2850	4-2	2030	3200
LWHCF6-33-4.8A-5.5-2P-1-001	2850	5.5-2	2470	3650
LWHCF6-33-5A-7.5-2P-1-001	2850	7.5-2	2900	4160

LWHFDF9-19/9-26 High Pressure Centrifugal Fan

Performance Introduction

Model LWHFDF9-19/9-26 high pressure centrifugal fan is widely applicable for convey feed, air non-corrosive and non-hypergoic gas which contains no adhesive substances, Generally speaking, the convey med a temperature should not exceed 80℃, the containing dust and hard particle not

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exceed 150mg/m³.It is fit for the high pressure forced ventilation in the industries such as forging, metallurgy, glass, ceramies, radio, electro-plating, accumulator etc. And the feed conveyance in the processing trades such as grain, forage, mineral powder, plastics an so on.



Type A



Type D

LWHFDF9-19 Type A Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWHFDF9-19-3.15A-1.1-2P-1-001	2900	1.1-2	410-810	2237-2041
LWHFDF9-19-3.55A-2.2-2P-1-001	2900	2.2-2	560-1160	2545-2310
LWHFDF9-19-4A-3-2P-1-001	2900	3.0-2	824-1704	3584-3253
LWHFDF9-19-4.5A-5.5-2P-1-001	2900	5.5-2	1174-2504	4603-4112
LWHFDF9-19-5A-11-2P-1-001	2900	11-2	1610-3488	5697-5080
LWHFDF9-19-5.6A-18.5-2P-1-001	2900	18.5-2	2262-4901	7182-6400
LWHFDF9-19-6.3A-55-2P-1-001	2900	30-2	3220-6978	9149-8148

LWHFDF9-19 Type D Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWHFDF9-19-7.1A-55-2P-1-001	2900	55-2	4610-9988	11717-10426
LWHFDF9-19-8A-110-2P-1-001	2900	110-2	6594-14287	15032-13362
LWHFDF9-19-8A-15-4P-1-002	1450	15-4	3297-7144	3620-3231
LWHFDF9-19-9A-22-4P-1-001	1450	22-4	4695-10171	4597-4101
LWHFDF9-19-10A-37-4P-1-001	1450	37-4	6440-15455	5840-4958
LWHFDF9-19-11.2A-75-4P-1-001	1450	75-4	9407-21713	7364-6246
LWHFDF9-19-11.2A-22-6P-1-002	960	22-6	5590-14375	3182-2705
LWHFDF9-19-12.5A-110-4P-1-001	1450	110-4	12577-30186	9229-7822
LWHFDF9-19-12.5A-37-6P-1-002	960	37-6	8327-19985	3975-3377
LWHFDF9-19-14A-220-4P-1-001	1450	220-4	17670-42409	11668-9878
LWHFDF9-19-14A-75-6P-1-002	960	75-6	11699-28078	5004-4249
LWHFDF9-19-16A-410-4P-1-001	1450	410-4	26377-63305	15425-13035
LWHFDF9-19-16A-110-6P-1-002	960	110-6	17463-41912	6570-5575

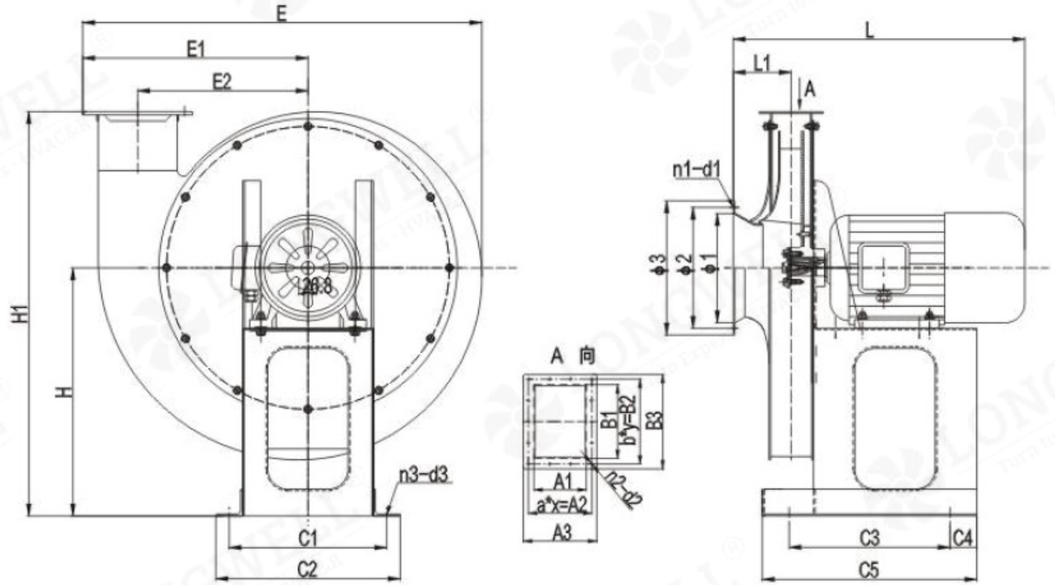
LWHFDF9-26 Type A Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWHFDF9-26-4A-5.5-2P-1-001	2900	5.5-2	2198-3215	3852-3407
LWHFDF9-26-4.5A-11-2P-1-001	2900	11-2	3130-4792	4910-4256
LWHFDF9-26-5A-18.5-2P-1-001	2900	18.5-2	4293-6762	6035-5180
LWHFDF9-26-5.6A-30-2P-1-001	2900	30-2	6032-9500	7616-6527
LWHFDF9-26-6.3A-55-2P-1-001	2900	55-2	8588-13525	9698-8310

LWHFDF9-26 Type D Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWHFDF9-26-7.1A-110-2P-1-001	2900	110-2	12292-19360	12427-10635
LWHFDF9-26-8A-200-2P-1-001	2900	200-2	17584-27696	15955-13634
LWHFDF9-26-8A-30-4P-1-002	1450	30-4	8792-13848	3834-3294
LWHFDF9-26-9A-45-4P-1-001	1450	45-4	12518-19717	4869-4181
LWHFDF9-26-10A-75-4P-1-001	1450	75-4	17172-30052	6143-5065
LWHFDF9-26-11.2A-132-4P-1-001	1450	132-4	24126-42221	7747-6382
LWHFDF9-26-11.2A-37-6P-1-002	960	37-6	15973-27953	3346-2763
LWHFDF9-26-12.5A-250-4P-1-001	1450	250-4	33540-58695	9713-7993
LWHFDF9-26-12.5A-75-6P-1-002	960	75-6	22206-38860	4179-3450
LWHFDF9-26-14A-410-4P-1-001	1450	410-4	47121-82463	12285-10095
LWHFDF9-26-14A-110-6P-1-002	960	110-6	31197-54596	5262-4341
LWHFDF9-26-16A-850-4P-1-001	1450	850-4	70339-123090	16250-13324
LWHFDF9-26-16A-220-6P-1-002	960	220-6	46569-81496	6911-5696

Mounting Dimensions



LWHFDF9-19 Type A Installation Dimension Sheet

Model	Motor Power	Inlet Size						Outlet Size						Overall Dimensions											Weight
		Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	C1	C2	C3	C4	C5	E	E1	E2	H	H1	L	L1	n3-d3	(kg)
LWHFDF9-19-3.15A	0.75-2	145	168	186	8-Φ7	72	98	130	2×49	100	126	151	3×42	10-Φ7	225	295	215	40	295	531	301	225	330	540	374	81	4-Φ14	42
LWHFDF9-19-3.15A	1.1-2	145	168	186	8-Φ7	72	98	130	2×49	100	126	151	3×42	10-Φ7	225	295	215	40	295	531	301	225	330	540	374	81	4-Φ14	43
LWHFDF9-19-3.55A	1.5-2	162	180	199	8-Φ7	77	111	132	2×55	110	141	164	3×47	10-Φ7	235	275	240	40	320	595	336	254	370	603	400	86	4-Φ14	54
LWHFDF9-19-3.55A	2.2-2	162	180	199	8-Φ7	77	111	132	2×55	110	141	164	3×47	10-Φ7	235	275	240	40	320	595	336	254	370	603	430	86	4-Φ14	57
LWHFDF9-19-4A	2.2-2	185	205	230	8-Φ7	91	126	147	2×63	124	160	182	3×53.3	10-Φ7	255	295	240	40	320	669	377	286	420	682	480	103	4-Φ14	62
LWHFDF9-19-4A	3-2	185	205	230	8-Φ7	91	126	147	2×63	124	160	182	3×53.3	10-Φ7	255	295	240	40	320	669	377	286	420	682	442	103	4-Φ14	70
LWHFDF9-19-4.5A	4-2	200	225	250	8-Φ7	99	135	169	2×67.5	138	176	208	4×44	12-Φ7	285	325	300	40	380	748	421	322	450	745	513	112	4-Φ14	80
LWHFDF9-19-4.5A	5.5-2	200	225	250	8-Φ7	99	135	169	2×67.5	138	176	208	4×44	12-Φ7	356	396	300	40	380	748	421	322	450	745	578	112	4-Φ14	100
LWHFDF9-19-5A	7.5-2	224	254	584	8-Φ7	111	150	181	2×75	152	192	224	4×48	12-Φ7	356	396	300	50	380	830	465	358	500	828	592	120	4-Φ14	118
LWHFDF9-19-5A	11-2	224	254	584	8-Φ7	111	150	181	2×75	152	192	224	4×48	12-Φ7	400	450	430	50	530	830	465	358	500	828	712	120	4-Φ14	159
LWHFDF9-19-5.6A	11-2	250	280	310	8-Φ10	125	162	195	2×81	172	212	243	4×53	12-Φ8	410	470	310	60	430	926	517	401	550	917	706	135	4-Φ14	170
LWHFDF9-19-5.6A	18.5-2	250	280	310	8-Φ10	125	162	195	2×81	172	212	243	4×53	12-Φ8	410	470	370	60	490	926	517	401	550	917	751	135	4-Φ14	185
LWHFDF9-19-6.3A	18.5-2	280	320	360	8-Φ10	141	180	214	2×90	196	236	267	4×59	18-Φ8	410	470	370	60	490	1038	580	451	620	1033	776	155	4-Φ14	223
LWHFDF9-19-6.3A	30-2	280	320	360	8-Φ10	141	180	214	2×90	196	236	267	4×59	18-Φ8	480	540	460	60	580	1038	580	451	620	1033	912	155	4-Φ14	312

LWHFDF9-26 Type A Installation Dimension Sheet

Model	Motor Power	Inlet Size						Outlet Size						Overall Dimensions											Weight
		Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	C1	C2	C3	C4	C5	E	E1	E2	H	H1	L	L1	n3-d3	(kg)
LWHFDF9-26-4A	5.5-2	224	254	584	8-Φ7	130	162	190	3×54	187	219	247	4×54.8	14-Φ8	356	396	300	40	380	724	417	287	450	810	610	132	4-Φ14	99
LWHFDF9-26-4.5A	7.5-2	250	280	310	8-Φ10	140	172	200	3×57.3	212	244	272	4×61	14-Φ8	356	396	300	40	380	803	459	322	500	905	632	149	4-Φ14	111
LWHFDF9-26-4.5A	11-2	250	280	310	8-Φ10	140	172	200	3×57.3	212	244	272	4×61	14-Φ8	400	450	430	50	530	803	459	322	500	905	752	149	4-Φ14	149
LWHFDF9-26-5A	15-2	280	320	360	8-Φ10	160	192	220	3×64	240	272	300	4×68	14-Φ8	410	470	310	60	430	896	513	359	550	1000	752	165	4-Φ14	182
LWHFDF9-26-5A	18.5-2	280	320	360	8-Φ10	160	192	220	3×64	240	272	300	4×68	14-Φ8	410	70	370	60	490	896	513	359	550	1000	791	165	4-Φ14	197
LWHFDF9-26-5.6A	22-2	315	355	395	8-Φ10	179	212	239	4×52.8	272	304	332	5×60.8	18-Φ8	480	540	370	60	490	999	569	402	620	1124	850	190	4-Φ14	310
LWHFDF9-26-5.6A	30-2	315	355	395	8-Φ10	179	212	239	4×52.8	272	304	332	5×60.8	18-Φ8	480	540	460	60	580	999	569	402	620	1124	956	190	4-Φ14	374
LWHFDF9-26-6.3A	45-2	355	395	435	8-Φ10	188	226	254	4×56.5	299	337	356	5×67.4	18-Φ8	540	600	500	60	620	1138	638	456	700	1265	1026	208	4-Φ24	512
LWHFDF9-26-6.3A	55-2	355	395	435	8-Φ10	188	226	254	4×56.5	299	337	356	5×67.4	18-Φ8	590	650	580	60	700	1138	638	456	700	1265	1111	208	4-Φ24	588

LWHFDF8-09/9-12 High Pressure Centrifugal Fan



Performance Introduction

It is used for conveying air and other gases of non Spontaneous Combustion, Physical harmless, Non-corrosive to steel. It is not allowed to transfer gas containing dust sticky particles, the content of hard particles no more than 150 mg/m³, the gas temperature no higher than 80℃.It is suitable for Metallurgy, Foundry, Glass, Porcain, electrcoplate, storage battery, food, feed, minerals and other fields.

LWHFDF8-09 Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWHFDF8-09-6.8A-7.5-2P-1-001	2900	7.5-2	675-1215	11347-10523
LWHFDF8-09-6.8A-11-2P-1-002	2900	11-2	1485-1754	11439-11341
LWHFDF8-09-6.8A-15-2P-1-003	2900	15-2	2024-2295	11063-10634
LWHFDF8-09-7.1A-7.5-2P-1-001	2900	7.5-2	1075	12021
LWHFDF8-09-7.1A-11-2P-1-002	2900	11-2	1383-1690	12471-12371
LWHFDF8-09-7.1A-15-2P-1-003	2900	15-2	1997-2304	12364-12061
LWHFDF8-09-7.1A-18.5-2P-1-004	2900	18.5-2	2612-2919	11594-11016
LWHFDF8-09-8A-15-2P-1-001	2930	15-2	1554	15759
LWHFDF8-09-8A-22-2P-1-002	2930	22-2	2442	16586
LWHFDF8-09-8A-30-2P-1-003	2930	30-2	2887-3331	16023-15632

LWHFDF8-09 Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWHFDF8-09-8A-37-2P-1-004	2930	37-2	3775-4219	15026-14277
LWHFDF8-09-8.5A-15-2P-1-001	2950	15-2	1341	17013
LWHFDF8-09-8.5A-18.5-2P-1-002	2950	18.5-2	1877	17828
LWHFDF8-09-8.5A-30-2P-1-003	2950	30-2	2414-2950	18496-18347
LWHFDF8-09-8.5A-37-2P-1-004	2950	37-2	3487	18338
LWHFDF8-09-8.5A-45-2P-1-005	2950	45-2	4023-4560	17888-17196
LWHFDF8-09-9A-22-2P-1-001	2950	22-2	1591	19073
LWHFDF8-09-9A-30-2P-1-002	2950	30-2	2228-2865	20569-19988
LWHFDF8-09-9A-37-2P-1-003	2950	37-2	3502	20736
LWHFDF8-09-9A-45-2P-1-004	2950	45-2	4138	20558
LWHFDF8-09-9A-55-2P-1-005	2950	55-2	4775	20054
LWHFDF8-09-9A-75-2P-1-006	2950	75-2	5412-6049	19278-18318

LWHFDF9-12 Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWHFDF9-12-6.8A-15-2P-1-001	2930	15-2	1700-2620	11590-12000
LWHFDF9-12-6.8A-18.5-2P-1-002	2930	18.5-2	3080-3540	12140-12120
LWHFDF9-12-6.8A-22-2P-1-003	2930	22-2	4000-4460	11980-11740
LWHFDF9-12-7.1A-15-2P-1-001	2900	15-2	2074-2658	12661-12347
LWHFDF9-12-7.1A-18.5-2P-1-002	2900	18.5-2	3000-3242	12896-12807
LWHFDF9-12-7.1A-22-2P-1-003	2900	22-2	3826	13024
LWHFDF9-12-7.1A-30-2P-1-004	2900	30-2	4410-4990	12935-12739
LWHFDF9-12-7.7A-22-2P-1-001	2900	22-2	2349-3010	14887-14543
LWHFDF9-12-7.7A-30-2P-1-002	2900	30-2	3671-4332	15319-15171
LWHFDF9-12-7.7A-37-2P-1-003	2900	37-2	4993-5654	15220-14895
LWHFDF9-12-7.7A-45-2P-1-004	2900	45-2	6315	14583
LWHFDF9-12-8A-30-2P-1-001	2950	30-2	2996-3824	16528-16216
LWHFDF9-12-8A-37-2P-1-002	2950	37-2	4651	16931
LWHFDF9-12-8A-45-2P-1-003	2950	45-2	5478-6306	17096-16931
LWHFDF9-12-8A-55-2P-1-004	2950	55-2	7133	16729
LWHFDF9-12-9A-45-2P-1-001	2970	45-2	4295	20803
LWHFDF9-12-9A-55-2P-1-002	2970	55-2	5481	21202
LWHFDF9-12-9A-75-2P-1-003	2970	75-2	6667-7853	21931-21719
LWHFDF9-12-9A-90-2P-1-004	2970	90-2	9039	21719

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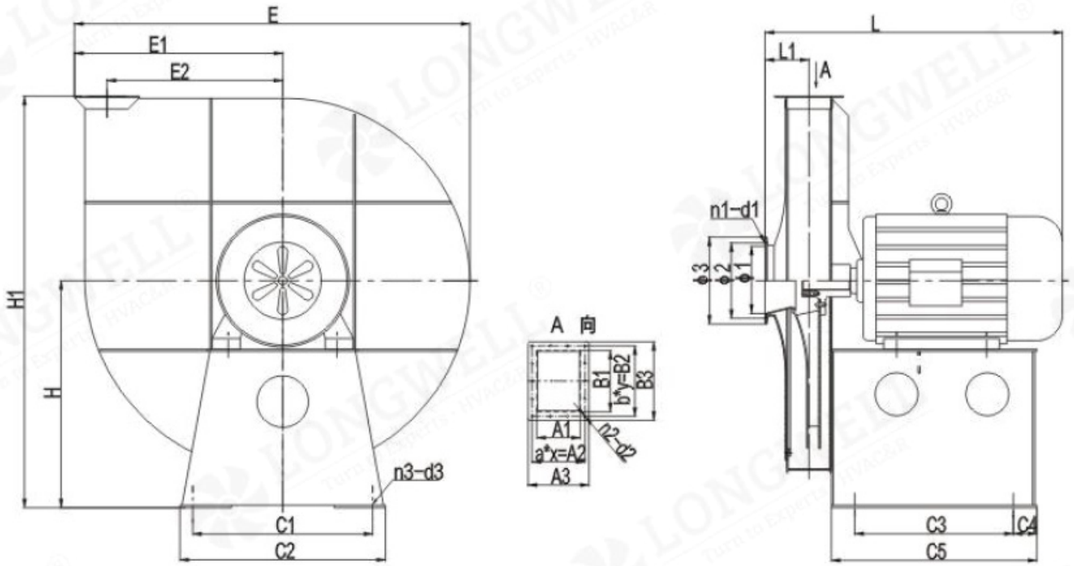
LWHFDF9-12 Flute High Pressure Centrifugal Fan



Performance Introduction

Flute High Pressure Centrifugal Fan is specially designed for cement kiln system. It can also be used for blowing air to cupola, forge, and smelt frnace and can trans mitt air, and gas without corrosive, self igniting, viscons materials. The gas temperature not exceed 80℃, the dust and hard particles contents not exceed 150mg/m³.

Mounting Dimensions



LWHFDF9-12 Installation Dimension Sheet

Model	Motor Power	Inlet Size Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	Outlet Size a×x	B1	B2	B3	b×y	n2-d2	Overall Dimensions C1	C2	C3	C4	C5	E	E1	E2	H	H1	L	L1	n3-d3	Weight (kg)
LWHFDF9-12-4.8A	1.5-2	120	165	190	8-Φ8	61	110	147	1×110	136	185	221	2×92.5	6-Φ13	255	295	240	40	320	736	402	306	460	775	414	80	4-Φ12	83
LWHFDF9-12-4.8A	2.2-2	120	165	190	8-Φ8	61	110	147	1×110	136	185	221	2×92.5	6-Φ13	255	295	240	40	320	736	402	306	460	775	440	80	4-Φ12	86
LWHFDF9-12-4.8A	3-2	120	165	190	8-Φ8	61	110	147	1×110	136	185	221	2×92.5	6-Φ13	255	295	240	40	320	736	402	306	460	775	451	80	4-Φ12	95

Model	Motor Power	Inlet Size Φ1	Φ2	Φ3	n1-d1	Outlet Size A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	Overall Dimensions C1	C2	C3	C4	C5	E	E1	E2	H	H1	L	L1	n3-d3	Weight (kg)
LWHFDF9-12-5.4A	3-2	155	205	245	8-Φ8	66	116	152	1×116	147	195	232	2×97.5	6-Φ13	255	295	240	40	320	807	447	331	500	840	466	95	4-Φ12	115
LWHFDF9-12-5.4A	4-2	155	205	245	8-Φ8	66	116	152	1×116	147	195	232	2×97.5	6-Φ13	285	325	300	40	380	807	447	331	500	840	486	95	4-Φ12	124
LWHFDF9-12-5.4A	5.5-2	155	205	245	8-Φ8	66	116	152	1×116	147	195	232	2×97.5	6-Φ13	356	396	230	40	310	807	447	331	500	840	550	95	4-Φ12	145
LWHFDF9-12-4.7A	2.2-2	175	240	265	8-Φ8	65	110	151	1×110	135	180	219	2×90	6-Φ10	255	295	240	40	320	737	412	302	450	765	435	92	4-Φ12	92
LWHFDF9-12-4.7A	3-2	175	240	265	8-Φ8	65	110	151	1×110	135	180	219	2×90	6-Φ10	255	295	240	40	320	737	412	302	450	765	465	92	4-Φ12	101
LWHFDF9-12-4.7A	4-2	175	240	265	8-Φ8	65	110	151	1×110	135	180	219	2×90	6-Φ10	285	325	300	40	380	737	412	302	450	765	485	92	4-Φ12	110
LWHFDF9-12-6.8A	15-2	230	275	305	8-Φ10	85	117	145	2×58.5	193	225	253	3×75	10-Φ8	480	540	400	50	500	1015	552	428	530	970	735	150	4-Φ18	280
LWHFDF9-12-6.8A	18.5-2	230	275	305	8-Φ10	85	117	145	2×58.5	193	225	253	3×75	10-Φ8	480	540	400	50	500	1015	552	428	530	970	780	150	4-Φ18	300
LWHFDF9-12-6.8A	22-2	230	275	305	8-Φ10	85	117	145	2×58.5	193	225	253	3×75	10-Φ8	480	540	400	50	500	1015	552	428	530	970	780	150	4-Φ18	317
LWHFDF9-12-7.1A	15-2	250	280	310	8-Φ10	88	120	148	2×60	200	235	263	3×78.3	10-Φ8	500	560	410	55	520	1067	580	447	560	1021	727	140	4-Φ19	320
LWHFDF9-12-7.1A	18.5-2	250	280	310	8-Φ10	88	120	148	2×60	200	235	263	3×78.3	10-Φ8	500	560	410	55	520	1067	580	447	560	1021	772	140	4-Φ19	337
LWHFDF9-12-7.1A	22-2	250	280	310	8-Φ10	88	120	148	2×60	200	235	263	3×78.3	10-Φ8	500	560	410	55	520	1067	580	447	560	1021	783	140	4-Φ19	355
LWHFDF9-12-7.1A	30-2	250	280	310	8-Φ10	88	120	148	2×60	200	235	263	3×78.3	10-Φ8	500	560	540	55	650	1067	580	447	560	1021	878	140	4-Φ19	419
LWHFDF9-12-7.7A	22-2	270	320	350	8-Φ10	96	140	164	2×70	215	255	281	3×85	10-Φ10	500	560	410	55	520	1147	626	485	600	1096	802	158	4-Φ19	392
LWHFDF9-12-7.7A	30-2	270	320	350	8-Φ10	96	140	164	2×70	215	255	281	3×85	10-Φ10	500	560	540	55	650	1147	626	485	600	1096	895	158	4-Φ19	456
LWHFDF9-12-7.7A	37-2	270	320	350	8-Φ10	96	140	164	2×70	215	255	281	3×85	10-Φ10	500	560	540	55	650	1147	626	485	600	1096	895	158	4-Φ19	473
LWHFDF9-12-7.7A	45-2	270	320	350	8-Φ10	96	140	164	2×70	215	255	281	3×85	10-Φ10	550	610	540	55	650	1147	626	485	600	1096	940	158	4-Φ19	542

Technical Specifications

Model	Fan Size	Speed (r/min)	Air Volume (m^3/h)	Total Pressure (Pa)	Matching Motor Model(Kw-p)	Power
LWHFDF9-12-4.8A-0.75-2P-1-001	4.8A	2840	232	5028	Y801-2	0.75
LWHFDF9-12-4.8A-1.1-2P-1-002	4.8A	2840	325	5269	Y802-2	1.1
LWHFDF9-12-4.8A-1.5-2P-1-003	4.8A	2840	418	5422	Y90S-2	1.5
LWHFDF9-12-4.8A-1.5-2P-1-004	4.8A	2840	511	5466	Y90S-2	1.5
LWHFDF9-12-4.8A-2.2-2P-1-005	4.8A	2840	604	5419	Y90L-2	2.2
LWHFDF9-12-4.8A-2.2-2P-1-006	4.8A	2840	697	5226	Y90L-2	2.2
LWHFDF9-12-4.8A-3-2P-1-007	4.8A	2840	790	5082	Y100L-2	3.0
LWHFDF9-12-4.8A-3-2P-1-008	4.8A	2840	883	4828	Y100L-2	3.0
LWHFDF9-12-5.4A-1.5-2P-1-001	5.4A	2840	330	6363	Y90S-2	1.5
LWHFDF9-12-5.4A-2.2-2P-1-002	5.4A	2840	463	6669	Y90L-2	2.2
LWHFDF9-12-5.4A-2.2-2P-1-003	5.4A	2840	595	6862	Y90L-2	2.2
LWHFDF9-12-5.4A-3-2P-1-004	5.4A	2840	728	6918	Y100L-2	3
LWHFDF9-12-5.4A-3-2P-1-005	5.4A	2840	860	6858	Y100L-2	3

Model	Fan Size	Speed (r/min)	Air Volume (m^3/h)	Total Pressure (Pa)	Matching Motor Model(Kw-p)	Power
LWHFDF9-12-5.4A-4-2P-1-006	5.4A	2840	992	6690	Y112M-2	4
LWHFDF9-12-5.4A-4-2P-1-007	5.4A	2840	1125	6422	Y112M-2	4
LWHFDF9-12-5.4A-5.5-2P-1-008	5.4A	2840	1257	6110	Y132S1-2	5.5
LWHFDF9-12-4.7A-1.5-2P-1-001	4.7A	2840	585	5187	Y90S-2	1.5
LWHFDF9-12-4.7A-2.2-2P-1-002	4.7A	2840	747	5287	Y90L-2	2.2
LWHFDF9-12-4.7A-2.2-2P-1-003	4.7A	2840	908	5416	Y90L-2	2.2
LWHFDF9-12-4.7A-3-2P-1-004	4.7A	2840	1069	5469	Y100L-2	3.0
LWHFDF9-12-4.7A-3-2P-1-005	4.7A	2840	1231	5416	Y100L-2	3.0
LWHFDF9-12-4.7A-4-2P-1-006	4.7A	2840	1392	5351	Y112M-2	4.0
LWHFDF9-12-4.7A-4-2P-1-007	4.7A	2840	1551	5187	Y112M-2	4.0

LWHFDF5-29 High Pressure Centrifugal Fan

Performance Introduction

LWHFDF5-29 High Pressure Centrifugal Fan is used to transport, clean air and other gas with non-corrosiveness, non-self-ig-nition and non adhesive matters, which Hse cilly suits to process and transportation of cotton velvet. It is also used in blowing and re-fining of towering stoves. The temperature of the conveying medium does not surpass 80℃ and dust content does not exceed 150mg/m³. It has features of high efficiency and low consumption.

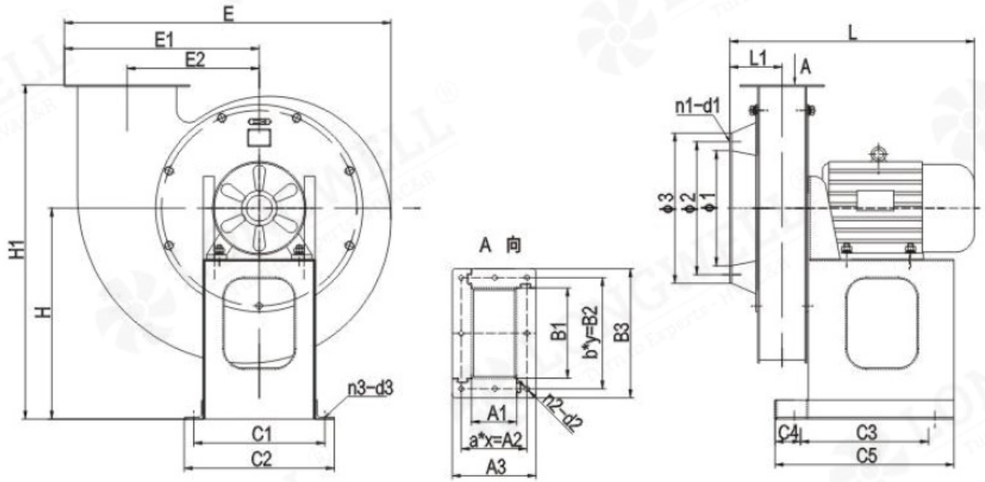


Type A



Type C

Mounting Dimensions



LWHFDF5-29 Type A Installation Dimension Sheet

Model	Motor Power	Inlet Size				Outlet Size									Overall Dimensions											
		Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	C1	C2	C3	C4	C5	E	E1	E2	H	H1	L	L1	n3-d3
LWHFDF5-29-5.5A	7.5-2	450	500	540	12-Φ10	121	153	181	2×76.5	324	356	384	4×89	12-Φ8	366	416	280	50	380	980	578	386	630	970	730	217	4-Φ14
LWHFDF5-29-6.5A	15-2	520	560	590	12-Φ12	141	173	201	2×86.5	384	416	444	4×104	12-Φ8	440	490	330	50	430	1154	680	456	750	1151	900	276	4-Φ14
LWHFDF5-29-6.5A	18.5-2	520	560	590	12-Φ12	141	173	201	2×86.5	384	416	444	4×104	12-Φ8	440	490	330	50	430	1154	680	456	750	1151	930	276	4-Φ14

LWHFDF5-29 Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWHFDF5-29-5.5A-7.5-2P-1-001	2900	7.5-2	2500-5000	5022-3659
LWHFDF5-29-6.5A-15-2P-1-001	2930	15-2	4169-5956	7155-6580
LWHFDF5-29-6.5A-18.5-2P-1-002	2930	18.5-2	6273-5167	6552-8339
LWHFDF5-29-8.5A-55-2P-1-001	2970	55-2	9450-12150	12570-11984
LWHFDF5-29-8.5A-75-2P-1-002	2970	75-2	13500-18900	11562-9079
LWHFDF5-29-5.5A-22-2P-1-001	4000	22-2	5419-6897	8371-6895
LWHFDF5-29-5.5A-15-2P-1-002	3550	15-2	3935-6121	7169-5431
LWHFDF5-29-5.5A-11-2P-1-003	3150	11-2	3491-5431	5644-4276
LWHFDF5-29-5.5A-7.5-2P-1-004	2800	7.5-2	3103-4828	4460-3379
LWHFDF5-29-5.5A-5.5-2P-1-005	2500	5.5-2	2771-4310	3555-2693
LWHFDF5-29-5.5A-4-2P-1-006	2240	4-2	1931-3862	2994-2162
LWHFDF5-29-6.5A-30-2P-1-001	3550	30-2	5051-7938	10504-9209
LWHFDF5-29-6.5A-37-2P-1-002	3550	37-2	8660-10103	8689-7585
LWHFDF5-29-6.5A-22-2P-1-003	3150	22-2	7044-7684	7251-6841
LWHFDF5-29-6.5A-30-2P-1-004	3150	30-2	8324-8965	6418-5972
LWHFDF5-29-6.5A-15-2P-1-005	2800	15-2	3984-6261	6534-5729
LWHFDF5-29-6.5A-18.5-2P-1-006	2800	18.5-2	6830-7969	5405-4719
LWHFDF5-29-6.5A-11-2P-1-007	2500	11-2	3557-7115	5209-3762
LWHFDF5-29-6.5A-7.5-2P-1-008	2240	7.5-2	3187-4554	4182-3846
LWHFDF5-29-6.5A-11-2P-1-009	2240	11-2	5009-6374	3667-3020
LWHFDF5-29-6.5A-5.5-2P-1-010	2000	5.5-2	2846-3659	3334-3178
LWHFDF5-29-6.5A-7.5-2P-1-011	2000	7.5-2	4066-5692	3066-2408
LWHFDF5-29-7.5A-37-2P-1-001	3150	37-2	6886-7869	11010-10787
LWHFDF5-29-7.5A-45-2P-1-002	3150	45-2	8853-11804	10495-9108
LWHFDF5-29-7.5A-55-2P-1-003	3150	55-2	12788-13772	8545-7951
LWHFDF5-29-7.5A-30-2P-1-004	2800	30-2	6121-9618	8699-7628
LWHFDF5-29-7.5A-37-2P-1-005	2800	37-2	10493-12241	7196-6282
LWHFDF5-29-7.5A-22-2P-1-006	2500	22-2	7026-8588	6611-6081
LWHFDF5-29-7.5A-30-2P-1-007	2500	30-2	9368-10930	5737-5008
LWHFDF5-29-7.5A-15-2P-1-008	2240	15-2	4897-6995	5568-5120
LWHFDF5-29-7.5A-8.5-2P-1-009	2240	18.5-2	7695-9093	4882-4021
LWHFDF5-29-7.5A-11-2P-1-010	2000	11-2	4372-6870	4438-3892
LWHFDF5-29-7.5A-15-2P-1-011	2000	15-2	7495-8744	3672-3005
LWHFDF5-29-7.5A-7.5-2P-1-012	1800	7.5-2	3935-5621	3595-3306
LWHFDF5-29-7.5A-11-2P-1-013	1800	11-2	6183-7869	3152-2596
LWHFDF5-29-8.5A-55-2P-1-001	2950	55-2	9385-12068	12403-11823
LWHFDF5-29-8.5A-75-2P-1-002	2950	75-2	13407-18770	11406-8957
LWHFDF5-29-8.5A-37-2P-1-003	2450	37-2	7795-11136	8555-7867

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LWFDF/IDF6-30 Boiler Used Ventilating / Introduced Draft Fan

Performance Introduction

At present, there are many boiler series, but coal quality varies from one to another, plus after installing the dust-removal equipment and waste heat utilization device, it creates in sufficient drawing force which influences its normal running. In order to overcome the drawing force shortage caused by the above mentioned reasons; positive pressure occurring in the furnace, which infiuence boiler combustion and normal running, thus it designs and manufactures this induced draught fan for consumers'selection and application.

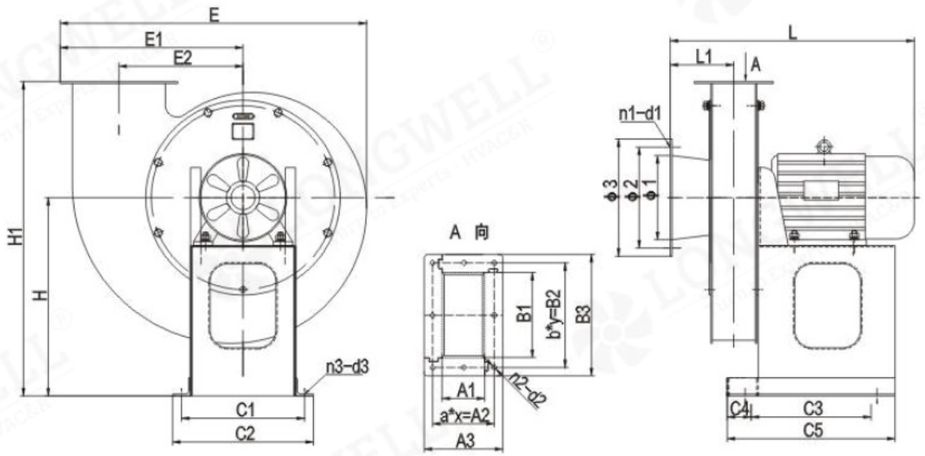


LWFDF6-30



LWIDF6-30

Mounting Dimensions



LWFDF6-30 Installation Dimension Sheet

Model	Motor Power	Inlet Size				Outlet Size								Overall Dimensions											Weight
		Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	C1	C2	C3	C4	C5	E	E1	E2	H	H1	L	L1	n3-d3	(kg)
LWFDF6-30-2.8A	0.75-2	140	168	195	6-Φ7	71	103	131	1×103	143	174	202	2×87	6-Φ8	205	235	220	30	280	511	305	207	330	523	410	106	4-Φ12	42
LWFDF6-30-3.5A	1.1-2	175	205	235	6-Φ10	116	148	176	2×74	178	210	238	2×105	8-Φ8	255	295	215	40	295	632	375	259	410	630	460	145	4-Φ14	53
LWFDF6-30-4.3A	0.55-4	225	268	308	6-Φ10	106	160	197	2×80	205	255	295	3×85	10-Φ10	255	295	215	40	295	769	463	315	500	764	475	160	4-Φ14	66
LWFDF6-30-5A	7.5-2	250	280	310	6-Φ10	125	156	184	2×78	250	281	309	4×70.3	12-Φ8	366	416	340	50	440	890	525	373	600	915	630	156	4-Φ14	145
LWFDF6-30-5.4A	1.1-4	270	306	336	8-Φ10	132	164	192	2×82	265	297	325	3×99	10-Φ8	245	295	250	50	350	970	578	402	610	947	555	207	4-Φ14	118

LWFDF6-30 Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)		Total Pressure (Pa)	Flow Rate (m³/h)
LWFDF6-30-2.8A-0.75-2P-1-001	2900	Y801-2	0.75	1235-1040	1563-1024
LWFDF6-30-3.5A-1.1-2P-1-001	2900	Y802-2	1.1	1550-971	1217-1641
LWFDF6-30-4.3A-0.55-4P-1-001	1450	Y801-4	0.55	814-598	747-1509
LWFDF6-30-5.4A-1.1-4P-1-001	1450	Y90S-4	1.1	1295-863	1602-2505

LWIDF6-30 Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)		Total Pressure (Pa)	Flow Rate (m³/h)
LWIDF6-30-3.5A-0.75-2P-1-001	2350	Y801-2	0.75	853-725	655-1192
LWIDF6-30-4.3A-1.5-2P-1-001	2260	Y90S-2	1.5	1206-1020	1169-2125
LWIDF6-30-4.8A-2.2-2P-1-001	2250	Y90L-2	2.2	1491-1265	1619-2944
LWIDF6-30-5.4A-3-2P-1-001	2300	Y100L-2	3	2158-1833	2202-3963
LWIDF6-30-6.5A-4-2P-1-001	2150	Y112M-2	4	2383-2288	2926-4000
LWIDF6-30-6.5A-5.5-2P-1-002	2150	Y132S-2	5.5	2206-2020	4263-4945
LWIDF6-30-7.5A-7.5-4P-1-001	1900	Y132M-4	7.5	2598-2392	5216-7349
LWIDF6-30-7.5A-11-4P-1-002	1900	Y160M-4	11	2324-2196	8060-8771
LWIDF6-30-7.5A-7.5-4P-1-003	1800	Y132M-4	7.5	2736-2530	5000-6500
LWIDF6-30-7.5A-11-4P-1-004	1800	Y160M-4	11	2500-2432	7000-78000
LWIDF6-30-8.6A-18.5-4P-1-001	1850	Y180M-4	18.5	3226-3040	9494-14000
LWIDF6-30-8.6A-22-4P-1-002	1850	Y180M-4	22	2883-2736	15967-17262

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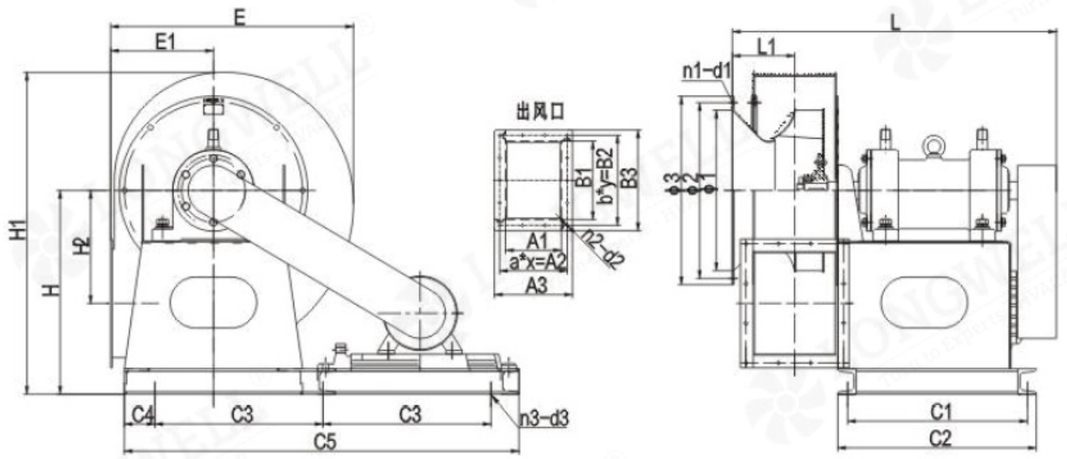
LWIDF5-47 Series Boiler Induced Draft Fan

Performance Introduction

LWIDF5-47 Series Centrifugal Fan has features of low noise, simple structure, adjustable flow rates and airflow direction, high flow, moderate pressure, etc. It is suitable for dust removing, dust exhausting, boiler blowing, ventilating, air exchanging and material conveying, etc.



Mounting Dimensions



Installation Dimension Sheet

Model	Inlet Size						Outlet Size						Overall Dimensions												Weight (excluding motor)
	Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	C	C2	C3	C4	C5	E	E1	H	H1	H2	L	L1	n3-d3	(kg)
LWIDF5-47-2.5A	250	280	296	8-Φ8	123	155	183	2×77.5	196	228	256	2×114	8-Φ8	374	410	312	50	725	418	178	330	532	178	630	96	6-Φ14	81
LWIDF5-47-3.15A	280	306	324	8-Φ10	156	188	216	3×62.6	194	226	254	3×75.3	12-Φ8	334	370	330	60	775	477	202	400	632	222	660	123	6-Φ14	94
LWIDF5-47-4A	400	440	462	16-Φ10	194	226	254	3×75.3	250	282	310	3×94	12-Φ8	334	370	330	60	775	596	247	480	774	280	740	160	6-Φ14	113
LWIDF5-47-5A	500	550	580	16-Φ10	243	282	310	3×94	313	352	380	3×117.3	12-Φ8	394	430	415	50	930	749	315	585	951	350	890	201	6-Φ14	171
LWIDF5-47-6A	600	645	675	16-Φ10	298	330	358	3×110	382	414	442	4×103.5	14-Φ8	647	725	500	50	1100	896	379	720	1159	422	1070	239	7-Φ14	266
LWIDF5-47-7A	720	750	790	16-Φ12	349	381	409	3×127	442	474	502	4×118.5	14-Φ8	764	800	623	50	1345	1050	449	830	1340	492	1150	282	7-Φ14	347

Technical Specifications

Model	Speed (r/min)	Flow Rate (m³/h)	Total Pressure (Pa)	Matching Motor (KW-p)
LWIDF5-47-2.5A-0.55-2P-1-001	2900	600-1113	580-397	0.55-2
LWIDF5-47-3.15A-1.1-2P-1-001	3250	2496-1323	716-1049	1.1-2
LWIDF5-47-3.15A-0.75-2P-1-002	2990	2297-1218	608-883	0.75-2
LWIDF5-47-3.15A-0.55-2P-1-003	2750	2112-1120	520-745	0.55-2
LWIDF5-47-4A-4-2P-1-001	3300	5190-2751	1393-1992	4-2
LWIDF5-47-4A-3-2P-1-002	2900	4561-2417	1079-1481	3-2
LWIDF5-47-4A-3-2P-1-003	2870	4514-2393	1059-1451	3-2
LWIDF5-47-5A-7.5-2P-1-001	2900	8909-4723	1687-2324	7.5-2
LWIDF5-47-5A-5.5-2P-1-002	2620	8048-4267	1373-1893	5.5-2
LWIDF5-47-5A-7.5-2P-1-003	2900	8909-4723	1687-2324	7.5-2
LWIDF5-47-6A-18.5-2P-1-001	2850	8020-15129	3364-2452	18.5-2
LWIDF5-47-6A-15-2P-1-002	2620	7372-13908	2844-2069	15-2
LWIDF5-47-6A-18.5-2P-1-003	2930	13492-8245	3168-3550	18.5-2
LWIDF5-47-6A-22-2P-1-004	2930	15553-14523	2589-2903	22-2
LWIDF5-47-7A-30-2P-1-001	2580	21747-11529	2746-3756	30-2
LWIDF5-47-7A-22-2P-1-002	2320	19556-10367	2206-3040	22-2
LWIDF5-47-7A-18.5-2P-1-003	2200	18545-9830	1991-2736	18.5-2
LWIDF5-47-7A-15-4P-1-004	2050	17280-9159	1716-2373	15-4
LWIDF5-47-8A-30-4P-1-001	2020	25417-13474	2187-3001	30-4
LWIDF5-47-8A-22-4P-1-002	1860	23404-12407	1853-2550	22-4
LWIDF5-47-9A-45-4P-1-001	1900	34039-18045	2452-3364	45-4
LWIDF5-47-9A-37-4P-1-002	1800	32247-17095	2197-3020	37-4
LWIDF5-47-9A-30-4P-1-003	1740	31174-16525	2052-2821	30-4
LWIDF5-47-10A-37-4P-1-001	1480	19281-31551	2697-2246	37-4
LWIDF5-47-10A-11-6P-1-002	960	12507-23592	1107-770	11-6
LWIDF5-47-11A-55-4P-1-001	1460	25663-48410	2520-2216	55-4
LWIDF5-47-11A-15-6P-1-002	960	166647-31402	1282-932	15-6
LWIDF5-47-12A-90-4P-1-001	1480	33318-6280	3628-2638	90-4
LWIDF5-47-12A-30-6P-1-002	960	21612-40768	1519-1109	30-6

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LWHTIDF5-47 Boiler Used High Temperature Draft Fan

Performance Introduction

LWHTIDF5-47 boiler used high temperature draft fan adopts advanced design special for modern boilers.It consists of high temperature motor,fan casing,impellers,heat insulation connector,heat derusing blades,etc.Its significant feature is double cooling points for motor itself.

It can be used under high temperature conditions at 160℃-200℃.It has features as low noise, high efficiency,light fan body,little vibrations,fast heat defusing,long use life,etc.Is is widely used for boiler draft,air supply,aire xchanging,heat defusing,and other places with high temperature between 160℃-200℃.



With Base Frame

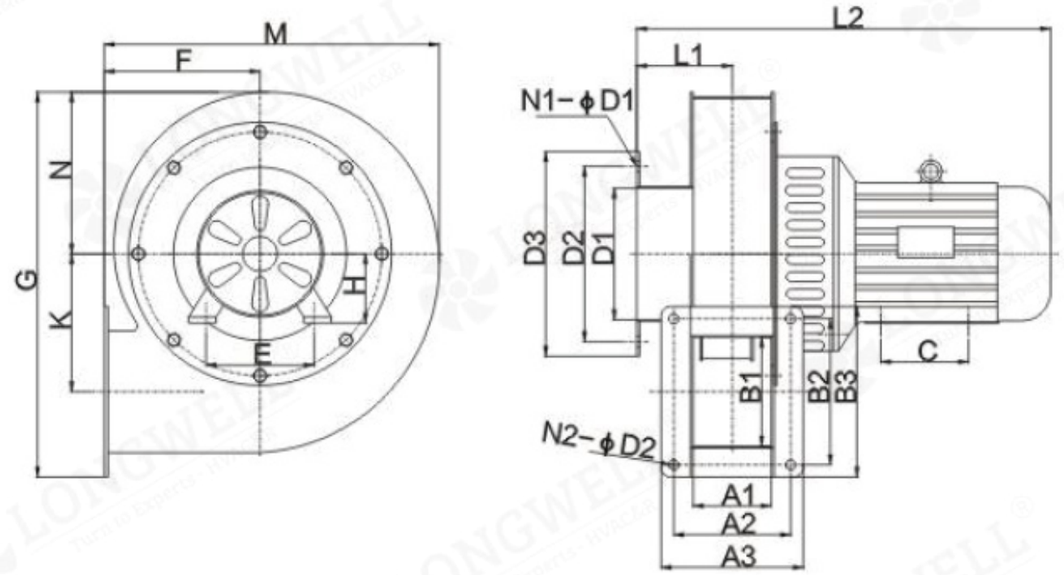


Without Base Frame

Technical Specifications

Model	Matching Motor (KW-p)	Speed (r/min)	Voltage (V)	Flow Rate (m³/h)	Total Pressure (Pa)
LWHTIDF5-47-1.35A-0.25-2P-1-001	0.25	2800	220/380	410	470
LWHTIDF5-47-1.35A-0.37-2P-1-002	0.37	2800	220/380	520	700
LWHTIDF5-47-1.6A-0.55-2P-1-001	0.55	2800	220/380	680	880
LWHTIDF5-47-1.6A-0.75-2P-1-002	0.75	2800	220/380	880	1050
LWHTIDF5-47-1.6A-1.1-2P-1-003	1.1	2800	220/380	1250	1240
LWHTIDF5-47-2.1A-1.5-2P-1-001	1.5	2800	220/380	1400	1350
LWHTIDF5-47-2.1A-2.2-2P-1-002	2.2	2800	380	1800	1830
LWHTIDF5-47-2.5A-3-2P-1-001	3	2800	380	2500	2520
LWHTIDF5-47-2.5A-4-2P-1-002	4	2800	380	3100	2900
LWHTIDF5-47-2.5A-5.5-2P-1-003	5.5	2800	380	3680	3200
LWHTIDF5-47-2.5A-7.5-2P-1-004	7.5	2800	380	4300	3500

Mounting Dimensions



Installation Dimension Sheet

Power (W)	Power (W)	D1	D2	D3	A1	A2	A3	B1	B2	B3	C	E	H	K	N	F	M	G	L1	L2	N1-D1	N2-D2	Weight (kg)
LWHTIDF5-47-1.35A	250	135	180	210	95	132	161	98	133	165	80	100	63	123	151	135	300	357	106	417	6-Φ11	4-Φ10	14
LWHTIDF5-47-1.35A	370	135	180	210	80	120	146	115	150	175	90	112	71	142	166	160	344	395	98	425	6-Φ11	4-Φ10	18
LWHTIDF5-47-1.6A	550	160	200	230	130	170	196	100	130	160	90	112	71	149	166	160	344	395	123	477	6-Φ11	4-Φ12	19
LWHTIDF5-47-1.6A	750	160	200	230	130	170	196	145	180	210	90	112	71	148	187	180	385	440	123	477	6-Φ11	4-Φ12	24
LWHTIDF5-47-1.6A	1100	160	200	230	130	170	196	145	180	210	100	125	80	149	202	201	415	456	123	497	6-Φ11	4-Φ12	29
LWHTIDF5-47-2.1A	1500	210	240	270	130	170	196	145	180	210	100	125	80	149	202	201	415	456	123	497	6-Φ11	4-Φ12	30
LWHTIDF5-47-2.1A	2200	210	240	270	150	190	216	165	200	230	125	140	90	163	228	225	463	506	133	564	6-Φ11	4-Φ12	42
LWHTIDF5-47-2.5A	3000	250	280	310	150	190	216	230	266	295	140	160	100	210	268	288	577	630	134	595	6-Φ11	6-Φ12	58
LWHTIDF5-47-2.5A	4000	250	280	310	150	190	216	230	266	295	140	190	112	210	268	288	577	630	134	611	6-Φ11	6-Φ12	66
LWHTIDF5-47-2.5A	5500	250	280	310	150	190	216	254	290	319	140	216	132	231	294	308	635	685	134	669	6-Φ11	6-Φ12	87
LWHTIDF5-47-2.5A	7500	250	280	310	150	190	216	254	290	319	140	216	132	231	294	308	635	685	134	669	6-Φ11	6-Φ12	95

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LWIDF6-41 Series Boiler Induced Draft Fan

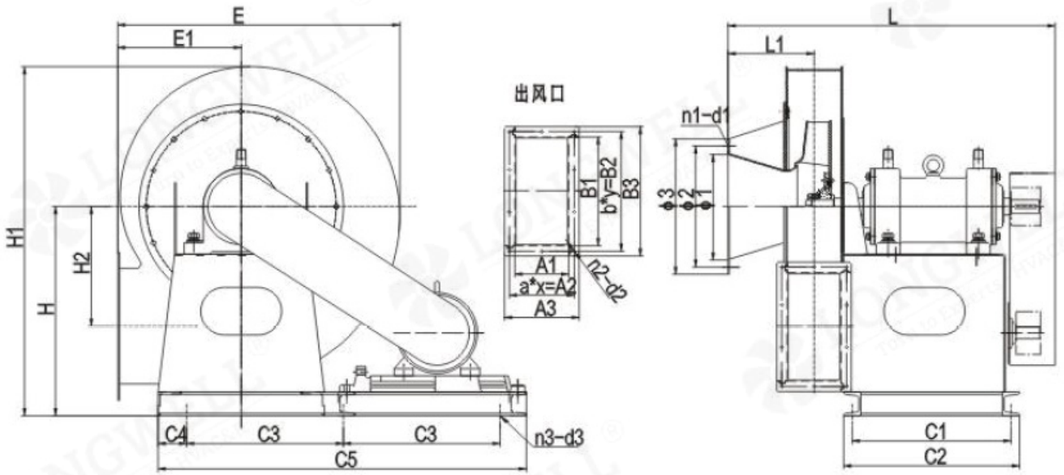
Performance Introduction

This product is an induced draft fan used for various boi-lers with 0.5 --10 th steam output. It has left &right rotation patterns with single suction. The left and right positions of the air outlet can be made into 0° ,90° ,180° , 270° four angles.

The drive means of this fan is divided into Cand D types. It can be allocated with adjusting bases and damping cushion according to the use's requirements.



Mounting Dimensions



Installation Dimension Sheet

Model	Inlet Size				Outlet Size								Overall Dimensions											Weight (excluding motor)
	Φ1	Φ2	Φ3	n1-d1	A1	A2	A3	a×x	B1	B2	B3	b×y	n2-d2	C1	C2	C3	C4	C5	E	E1	H	H1	H2	L	L1	n3-d3	(kg)
LWIDF6-41-3.55A	219	255	285	8-Φ10	112	144	172	2×72	226	258	286	3×86	10-Φ8	334	370	330	60	775	594	260	440	735	252	690	181	6-Φ14	96
LWIDF6-41-4A	224	254	284	8-Φ10	123	155	183	2×77.5	246	278	306	3×92.7	10-Φ8	334	370	330	60	775	662	294	480	805	284	620	94	6-Φ14	103
LWIDF6-41-4.5A	280	306	324	8-Φ10	144	176	204	2×88	286	318	346	3×106	10-Φ8	334	370	405	60	925	746	323	540	913	320	770	229	6-Φ14	131
LWIDF6-41-5.4A	335	380	420	8-Φ10	170	202	230	2×101	328	360	388	3×120	10-Φ8	394	430	490	50	1080	883	380	650	1091	382	930	281	6-Φ14	184
LWIDF6-41-7.1A	440	486	526	8-Φ10	226	270	312	3×90	455	496	544	4×124	14-Φ10	464	500	550	50	1200	1157	500	830	1478	504	1040	361	6-Φ14	317

Technical Specifications

Model	Speed (r/min)	Matching Motor (KW-p)	Flow Rate (m³/h)	Total Pressure (Pa)
LWIDF6-41-3.55A-1.5-2P-1-001	2950	1.5-2	2962-841	588-1448
LWIDF6-41-4A-3-2P-1-001	3450	3.0-2	3996-1355	1893-2676
LWIDF6-41-4.5A-5.5-2P-1-001	3250	5.5-2	5522-2574	2058-2873
LWIDF6-41-4.5A-4-2P-1-002	2925	4.0-2	4970-2317	1667-2327
LWIDF6-41-5.4A-11-2P-1-001	2900	11-2	8901-4350	2491-3240
LWIDF6-41-5.4A-7.5-2P-1-002	2600	7.5-2	7980-3900	2002-2604
LWIDF6-41-7.1A-18.5-4P-1-001	2200	18.5-4	15819-8171	2454-3283
LWIDF6-41-7.1A-15-4P-1-002	2100	15-4	15100-7800	2236-2991
LWIDF6-41-7.1A-11-4P-1-003	1915	11-4	13700-7113	1859-2487
LWIDF6-41-9A-37-4P-1-001	1965	37-4	28719-14866	3145-4208
LWIDF6-41-9A-30-4P-1-002	1750	30-4	25630-13239	2495-3338
LWIDF6-41-9A-22-4P-1-003	1640	22-4	24019-12407	2191-2931
LWIDF6-41-10A-37-4P-1-001	1600	37-4	32144-16604	2575-3444
LWIDF6-41-11.2A-45-4P-1-001	1480	45-4	41773-21578	2764-3697

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LWIDF9-19/9-26 Boiler Used Introduced Draft Fan

Performance Introduction



Curenty, there are so many kinds of boilers with much different coal character, with dust removing devices and waste heat reusing equipments influences, and it makes the draft power not enough so as to work normally. In order to overcome lack of the draft power, positive pressure, affect the normal inflammation of the boiler, we design and manufacture varieties of Boiler Induced Draft Fans with suitable flow rates, pressure to fit different requirements of the users.

The main parameters of the Boiler Induced Draft Fan are flow rate,total pressure,main shaft rotation speed, inner power and inner efficiency, etc.(please see the parameter table)

The parameters of the Forced Drat Fan are based on the gas temperaturet-20℃, atmospheric pressure P=101325pa, the gas density ρ=0.74Kg/m³.The parameters of the Induced Draft Fan are based on the gas temperaturet=200°C.

Technical Specifications

Model	Speed (r/min)	Total Pressure (Pa)	Flow Rate (m³/h)	Matching Boiler Capacity (t/h)	Matching Motor (KW-p)	
LWIDF9-19-4.5A-1.1-4P-1-001	2000	1439-1365	1146-1739	0.2	Y90S-4	1.1
LWIDF9-19-4.5A-2.2-4P-1-002	2150	1668-1629	2511-3222	0.5	Y100L1-4	2.2
LWIDF9-19-6.3A-4-4P-1-001	1870	2491-2364	2912-4419	1	Y112M-4	4
LWIDF9-19-6.3A-5.5-4P-1-002	1900	2572-2440	3940-5979	1	Y132S-4	5.5
LWIDF9-19-8A-7.5-4P-1-001	1450	2394-2334	5113-7235	2	Y132M-4	7.5
LWIDF9-19-8A-11-4P-1-002	1620	2986-2913	5712-8083	2	Y160M-4	11
LWIDF9-19-8.4A.4-7.5-4P-1-001	1330	2331-2273	6452-9130	2	Y132M-4	7.5
LWIDF9-26-6.3A-7.5-4P-1-001	1870	2473-2415	5994-7689	2	Y132M-4	7.5
LWIDF9-26-8A-18.5-4P-1-001	1620	3516-2969	10699-16075	4	Y180M-4	18.5
LWIDF9-26-8A-22-4P-1-002	1710	3516-3308	11293-16968	4	Y180L-4	22
LWIDF9-26-8.5A-18.5-4P-1-001	1450	2854-2685	11486-17258	4	Y180M-4	18.5