

Version 2007



fan
JASON 

JASON • FAN is an axial fan, cooling fan, air filter manufacturer which is specialized in manufacturing, design and development of new product, marketing and service after sale. It is located in a plain city—Yueqing, which is famous for manufacturing of electrical appliance with low voltage and precise industry, taking responsibility for providing the latest technology information and design of advanced products. Jason • Fan is established in this advanced atmosphere, and also it will grow up healthily.

Jason • Fan pursues a people-centered and nature-centered conduct, and adopts a development method which is a breast of the times.

Since the establishment of Jason • Fan, it has opened the international market with an extraordinary speed. Jason • Fan are the designated brand of fans to our customers in Australia, South Africa, New Zealand, Spain, Italy and other countries. Meanwhile, it sets up the sales-network in big, medium and small-sized city in China, namely Beijing, Shanghai, Guangzhou, Haerbin etc.,



Brief Introduction



JASON • FAN has passed ISO9001:2000 quality system approval. And also all the products have gotten UL, CE and CCC certificate. All of our products meet European EN60335-1 safety standard and American fan UL507 standard. Materials for all of our fan parts meeting requirements of ROHS are available against our customers' request. With the rapid and steady development, from March in 2006 until now, Jason • Fan has boasted three factories with 3,000 square meters of workshops totally. There are 200 workers and 30 about quality inspectors and engineers. Monthly capacity reaches at 200,000 units and rate of

self-manufacturing reaches more than 89%, including mould design and opening, mold-pouring, SMT fabrication and assembly of all the parts.

Devoting to the design and research of fan technology, insisting on TQM management strictly, satisfying the needs of our customers, promoting excellent performance of fan and building up the brand of Jason • Fan are our principle, and also are the spirit Jason • Fan holds.



**EXCELLENT
PERFORMANCE**

JASON FANS WORLD KEEP TECHNOLOGY AHEAD

**MAKE EVERY
FAN CUSTOMAIZED**

ALL JASON FANS ARE DESIGNED TO CUSTOMERS' REQUESTS

fan
JASON 



JASON · FAN applies high standard to quality aspect, whatever from clients' consultation to material's development and choosing, either from choosing to suppliers and parts of products to goods' delivery, the efforts we made on quality supervision have been incamated in the comprehensive quality system, which is also suitable for the products' service; meanwhile, it complies with the International ISO9001 standard.

The Products series ranges from 80mm to 750mm, in which every type is accord with electromagnetism compatible standard as well as operation standard. With its perfect unique design, Jason fans are applied in fields of industrial equipment ventilation and cooling, electron equipment cooling, farm temperature and humidity regulation, cooling, exhaust etc, JASON has been capable of independence in the professional field of axial fan development. Technology, quality, economy and reliability is considered as our company's main motivity.

Axial fan with shaded pole motor has durable aluminum alloy frame, of which the surface is protected by blank paint permanently. It is of impact resistance and wear resistance. The perfect combination of aluminum frame and plastic blades, which is reinforced by glass fiber, effects the exchange of heat and cold of air in kinds of devices.

Axial fan with external rotor motor has good cooling structure. Metal blades are welded to the rotor directly. Surface is finished by high temperature electrophoresis, which has protection of waterproof and corrosion-prevention permanently. The unit of blades has been debugged by balance machine. Design of sickle shaped blades makes higher efficiencyt of air flow. It has bigger air volume and lower noise level, comparing with fan of standard blades. Fan motor has waterproof feature, due to the waterproof work on stator. There are water dripping holes on the rotor, so even water comes in between rotor and stator, no damage will be caused to the motor. This type of fan are preferred recommended by us .



PROTECTION CLASS

Generally, according to EN5017 and EN60335-1, protection class of our products is class I . There will be special instruction in the specification data if any other protection class of fan.

ISOLATION CLASS

According to EN 60335, isolation Class of our products reaches Class F in principle. There will be special instruction in the specification data if any other isolation class of our fan.



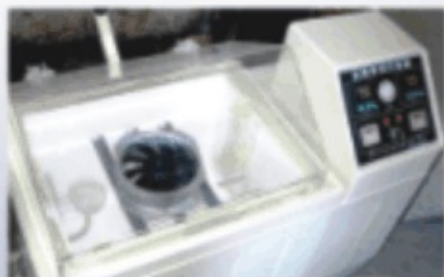
Fan life lies on two main factors

- Service life of isolation system
- Service life of bearing system

Service life of isolation system relies on voltage level, temperature and environment conditions, namely humidity and condensation effect. Service life of bearing system relies on the heat load capability which bearing bears.

We apply permanent maintain free ball bearings to most of our products, which makes it possible to install the fan in any place, in any way and in any environment. And sleeve bearing is optional to our clients as well.

Wherever it used in, there will be instructions for optional choice in the specification data. Under ambient temperature 40 centigrade degree, the service life of ball bearing is doped out 40,000 hours. However, this estimated figure can have great change to some practical environment conditions. We are willing to provide the calculation of exact life according to the information of practical operation environment and conditions which clients offer to us.



In order to optimize the fan's operation, Jason Fan supplies a wide series of spare parts for clients: All kinds of protection guard, connection wire, filter and other accessories parts for installation.

Performance Introduction

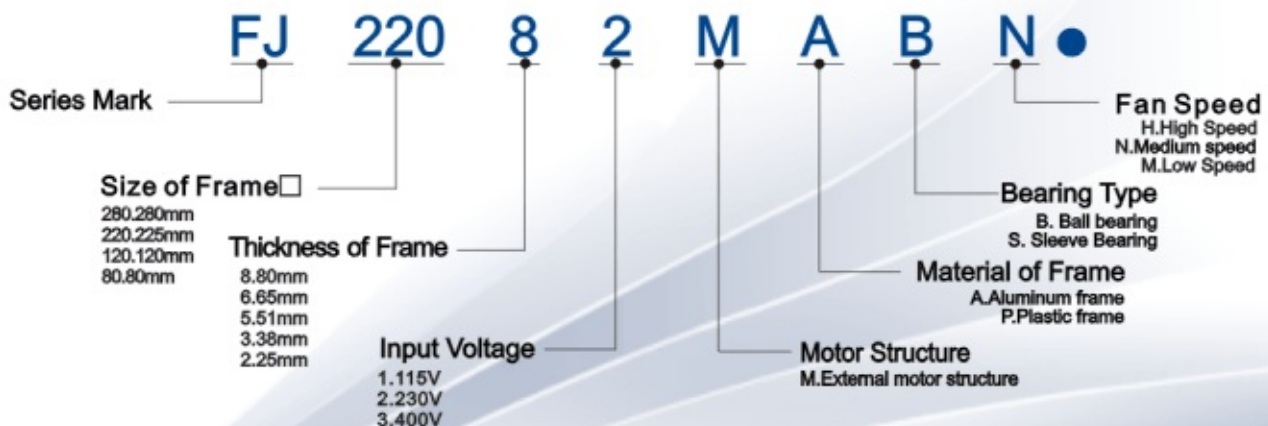


- Shaded pole motor structure and external motor structure .
- Compact structure and simple installation type which can help you save space for installation.
- We provide cooling effect according to clients' requirement.
- Fan is with the most ideal low noise level .
- Sleeve bearing can produce low noise
- Design of ball bearing makes the fan be able to apply in bad environment.
- Kinds of voltage ranges and air flow are available due to the design of various models.
- Overload protection and block up protection.
- Fan with inner sensor can give signal alarm when running has problem
- Fan speed can be adjusted through circuit design or voltage conditioning by us.
- Fan with protection class IP54 is available
- We accept work of special design according to clients' sample or drawings
- We provide plenty of accessories: various types of metal guard and plastic guard, filter pad, air filter, connection wire and other parts.

Specification Data

Voltage range	110~400 VAC	Input power	5~180 W
Airflow	20~2,000 m³/h	Static pressure	Maximum 300 Pa

General model Note



General Specifications

Motor Structure: Shaded Pole motor with inner rotor running, resistance protection design

Operation System: Double high precise ball bearings (single sleeve bearing)

Allowable Ambient Temperature Range:
-20℃~+70℃ (ball bearings)
-10℃~+45℃ (sleeve bearing)
(under unconcretionary state)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC 500V .

Dielectric Withstanding Voltage: AC 1,800 V, at 0.5mA, 50/60Hz

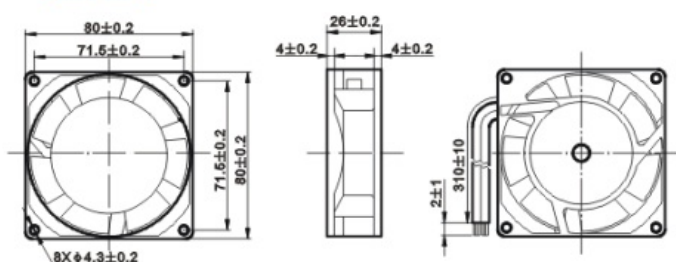
Insulation Isolation Grade: B **Protection Grade:** IP54 **Unit Weight:** 225g



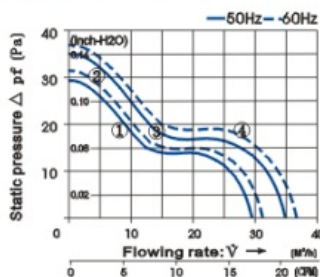
AC Axial Fan

Outline Dimensions

[Units:(mm)]



Characteristic Curves



Material

Frame: Die-casting ADC12 Aluminium Alloy. Surface is finished by black paint, anti-corrosion, anti-oxidization

Impeller: Made by injection mould with black plastic, PBT+ 30% glass fiber+VO class of anti-burning liquid

Bearing Type: NMB ball bearing (Sleeve bearing is optional)

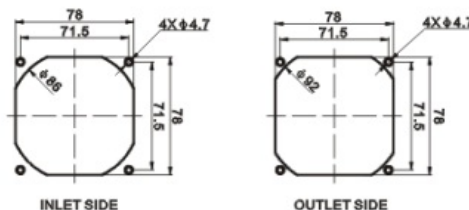
Power Connection: UL3266 Lead wire, (terminal connection)

Life Test

Ball Bearing: 25℃ 60,000 hours

Sleeve Bearing: 25℃ 28,000 hours

Panel Cut-out



Type	Rated Voltage	Frequency	Current	Input Power	Speed	Max Air Flow	Max Static Pressure	Noise	Curve
	V	Hz	(A)	(W) ^{+10% -20%}	(min ⁻¹)	CFM m ³ /h	(Pa)	(dB)	
FJ8021ASM	115	50	0.12	12	2000	17.0 29	33	29	1
		60	0.14	14	2300	19.0 35	37	32	2
FJ8021ASN	115	50	0.13	13	2200	19.5 33	42	35	3
		60	0.15	15	2500	22.5 38	45	37	4
FJ8021ABM	115	50	0.12	12	2000	17.0 29	33	29	1
		60	0.14	14	2300	19.0 35	37	32	2
FJ8021ABN	115	50	0.13	13	2200	19.5 33	42	35	3
		60	0.15	15	2500	22.5 38	45	37	4
FJ8022ASM	230	50	0.06	13	2000	17.0 29	33	29	1
		60	0.07	15	2300	19.0 35	37	32	2
FJ8022ASN	230	50	0.07	14	2200	19.5 33	42	35	3
		60	0.08	16	2500	22.5 38	45	37	4
FJ8022ABM	230	50	0.06	13	2000	17.0 29	33	29	1
		60	0.07	15	2300	19.0 35	37	32	2
FJ8022ABN	230	50	0.07	14	2200	19.5 33	42	35	3
		60	0.08	16	2500	22.5 38	45	37	4

- Electric appliances meet European EN60335-1 safety standard and American fan UL507 standard. Materials of fan are accorded with the requirements of ROHS are optional...
- Direction of air : CCW seen from the front impellers .

General Specifications

Motor Structure: Shaded Pole motor with inner rotor running, resistance protection design

Operation System: Double high precise ball bearings (single sleeve bearing)

Allowable Ambient Temperature Range:
-20℃~+60℃ (ball bearings)
-10℃~+40℃ (sleeve bearing)
(under unconcretionary state)

Insulation Resistance: Over100 Mega Ohm tested by a resistor at DC 500V .

Dielectric Withstanding Voltage: AC 1,500 V, at 0.5mA, 50/60Hz

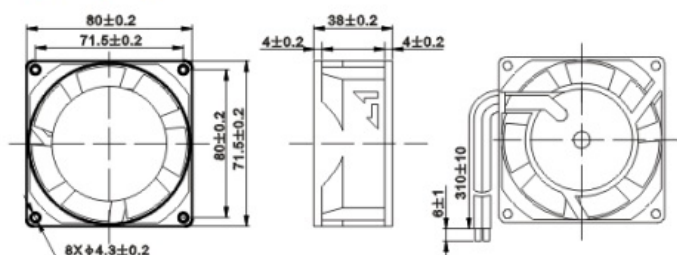
Insulation Isolation Grade: B **Protection Grade:** IP54 **Unit Weight:** 280g



AC Axial Fan

Outline Dimensions

[Units:(mm)]



Material

Frame: Die-casting ADC12 Aluminium Alloy. Surface is finished by black paint, anti-corrosion, anti-oxidization

Impeller: Made by injection mould with black plastic, PBT+ 30% glass fiber+VO class of anti-burning liquid

Bearing Type: NMB ball bearing (Sleeve bearing is optional)

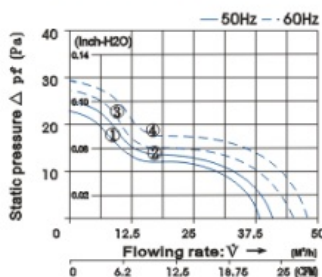
Power Connection: UL3266 Lead wire, (terminal connection)

Life Test

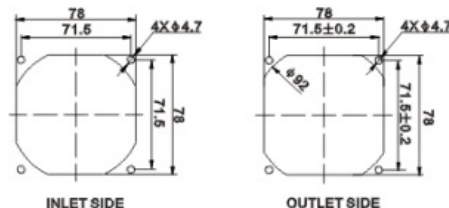
Ball Bearing: 25℃ 55,000 hours

Sleeve Bearing: 25℃ 25,000 hours

Characteristic Curves



Panel Cut-out



Type	Rated Voltage	Frequency	Current	Input Power	Speed	Max Air Flow	Max Static Pressure	Noise	Curve
	V	Hz	(A)	(W) ^{+10% -20%}	(min ⁻¹)	CFM m ³ /h	(Pa)	(dB)	
FJ8031ASM	115	50	0.12	12	2200	22.2 38.0	25.6	29	1
		60	0.14	14	2600	26.3 44.6	30.3	33	3
FJ8031ASN	115	50	0.14	13	2400	24.2 41.0	28.0	30	2
		60	0.16	16	2800	28.3 48.0	32.6	34	4
FJ8031ABM	115	50	0.12	12	2200	22.2 38.0	25.6	29	1
		60	0.14	14	2600	26.3 44.6	30.3	33	3
FJ8031ABN	115	50	0.14	13	2400	24.2 41.0	28.0	30	2
		60	0.16	16	2800	28.3 48.0	32.6	34	4
FJ8032ASM	230	50	0.07	12	2200	22.2 38.0	25.6	29	1
		60	0.08	14	2600	26.3 44.6	30.3	33	3
FJ8032ASN	230	50	0.08	13	2400	24.2 41.0	28.0	30	2
		60	0.09	16	2800	28.3 48.0	32.6	34	4
FJ8032ABM	230	50	0.07	12	2200	22.2 38.0	25.6	29	1
		60	0.08	14	2600	26.3 44.6	30.3	33	3
FJ8032ABN	230	50	0.08	13	2400	24.2 41.0	28.0	30	2
		60	0.09	16	2800	28.3 48.0	32.6	34	4

- Electric appliances meet European EN60335-1 safety standard and American fan UL507 standard. Materials of fan accorded with the requirements of ROHS are optional...
- Direction of air : CCW seen from the front impellers .

General Specifications

Motor Structure: Shaded Pole motor with inner rotor running, resistance protection design

Operation System: Double high precise ball bearings (single sleeve bearing)

Allowable Ambient Temperature Range:
-20°C~+70°C (ball bearings)
-10°C~+45°C (sleeve bearing)
(under unconcretionary state)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC 500V .

Dielectric Withstanding Voltage: AC 1,800 V, at 0.5mA, 50/60Hz

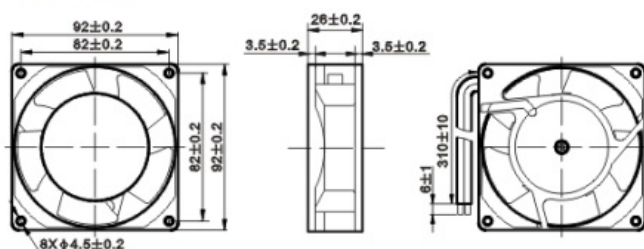
Insulation Isolation Grade: B **Protection Grade:** IP54 **Unit Weight:** 260g



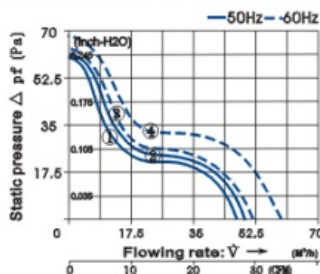
AC Axial Fan

Outline Dimensions

[Units:(mm)]



Characteristic Curves



Material

Frame: Die-casting ADC12 Aluminium Alloy. Surface is finished by black paint, anti-corrosion, anti-oxidization

Impeller: Made by injection mould with black plastic, PBT+ 30% glass fiber+VO class of anti-burning liquid

Bearing Type: NMB ball bearing (Sleeve bearing is optional)

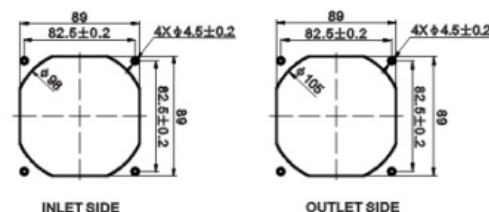
Power Connection: UL3266 Lead wire, (terminal connection)

Life Test

Ball Bearing: 25°C 60,000 hours

Sleeve Bearing: 25°C 28,000 hours

Panel Cut-out



Type	Rated Voltage	Frequency	Current	Input Power	Speed	Max Air Flow	Max Static Pressure	Noise	Curve
	V	Hz	(A)	(W) ^{+10% -20%}	(min ⁻¹)	CFM m ³ /h	(Pa)	(dB)	
FJ9021ASM	115	50	0.10	9	2100	28.5 45	55	29	1
		60	0.14	12	2400	30.5 52	60	31	3
FJ9021ASN	115	50	0.12	10	2300	29.5 50	57	30	2
		60	0.15	13	2700	35.0 59	65	35	4
FJ9021ABM	115	50	0.10	9	2100	28.5 45	55	29	1
		60	0.14	12	2400	30.5 52	60	31	3
FJ9021ABN	115	50	0.12	10	2300	29.5 50	57	30	2
		60	0.15	13	2700	35.0 59	65	35	4
FJ9022ASM	230	50	0.06	9	2100	28.5 45	55	29	1
		60	0.07	12	2400	30.5 52	60	31	3
FJ9022ASN	230	50	0.07	10	2300	29.5 50	57	30	2
		60	0.08	13	2700	35.0 59	65	35	4
FJ9022ABM	230	50	0.06	9	2100	28.5 45	55	29	1
		60	0.07	12	2400	30.5 52	60	31	3
FJ9022ABN	230	50	0.07	10	2300	29.5 50	57	30	2
		60	0.08	13	2700	35.0 59	65	35	4

- Electric appliances meet European EN60335-1 safety standard and American fan UL507 standard. Materials of fan accorded with the requirements of ROHS are optional...
- Direction of air : CCW seen from the front impellers .

General Specifications

Motor Structure: Shaded Pole motor with inner rotor running, resistance protection design

Operation System: Double high precise ball bearings (single sleeve bearing)

Allowable Ambient Temperature Range:
-20℃~+70℃ (ball bearings)
-10℃~+45℃ (sleeve bearing)
(under unconcretionary state)

Insulation Resistance: Over100 Mega Ohm tested by a resistor at DC 500V .

Dielectric Withstanding Voltage: AC 1,800 V, at 0.5mA, 50/60Hz

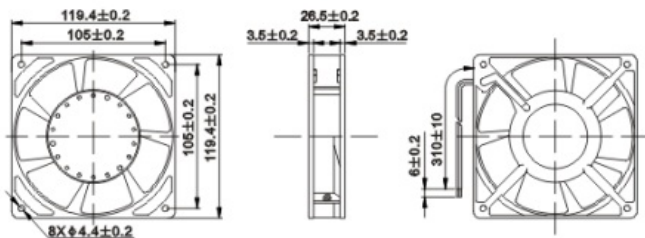
Insulation Isolation Grade: B **Protection Grade:** IP54 **Unit Weight:** 350g



AC Axial Fan

Outline Dimensions

[Units:(mm)]



Material

Frame: Die-casting ADC12 Aluminium Alloy. Surface is finished by black paint, anti-corrosion, anti-oxidization

Impeller: Made by injection mould with black plastic, PBT+ 30% glass fiber+VO class of anti-burning liquid

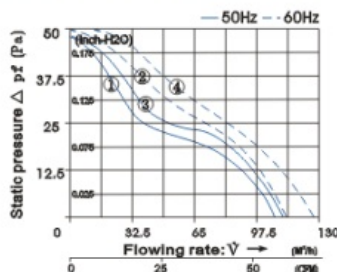
Bearing Type: NMB ball bearing (Sleeve bearing is optional)

Power Connection: UL3266 Lead wire, (terminal connection)

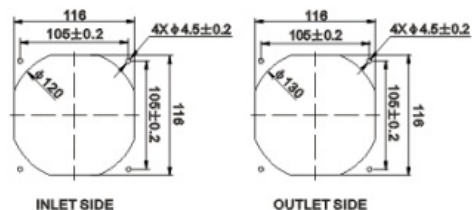
Life Test

Ball Bearing: 25℃ 60,000 hours
Sleeve Bearing: 25℃ 28,000 hours

Characteristic Curves



Panel Cut-out



Type	Rated Voltage	Frequency	Current	Input Power	Speed	Max Air Flow	Max Static Pressure	Noise	Curve
	V	Hz	(A)	(W) ^{+10% -20%}	(min ⁻¹)	CFM m ³ /h	(Pa)	(dB)	
FJ12021ASM	115	50	0.18	17	2250	59 100	50	34	1
		60	0.22	21	2450	68 115	57	37	3
FJ12021ASN	115	50	0.19	17	2300	65 110	55	37	2
		60	0.22	18	2700	76 129	70	40	4
FJ12021ABM	115	50	0.18	17	2250	59 100	50	34	1
		60	0.22	21	2450	68 115	57	37	3
FJ12021ABN	115	50	0.19	17	2300	65 110	55	37	2
		60	0.22	18	2700	76 129	70	40	4
FJ12022ASM	230	50	0.09	17	2250	59 100	50	34	1
		60	0.11	21	2450	68 115	57	37	3
FJ12022ASN	230	50	0.11	17	2300	65 110	55	37	2
		60	0.12	18	2700	76 129	70	40	4
FJ12022ABM	230	50	0.09	17	2250	59 100	50	34	1
		60	0.11	21	2450	68 115	57	37	3
FJ12022ABN	230	50	0.11	17	2300	65 110	55	37	2
		60	0.12	18	2700	76 129	70	40	4

- Electric appliances meet European EN60335-1 safety standard and American fan UL507 standard. Materials of fan accorded with the requirements of ROHS are optional...
- Direction of air : CCW seen from the front impellers .

General Specifications

Motor Structure: Shaded Pole motor with inner rotor running, resistance protection design

Operation System: Double high precise ball bearings (single sleeve bearing)

Allowable Ambient Temperature Range:
-20℃~+70℃ (ball bearings)
-10℃~+45℃ (sleeve bearing)
(under unconcretionary state)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC 500V .

Dielectric Withstanding Voltage: AC 1,800 V, at 0.5mA, 50/60Hz

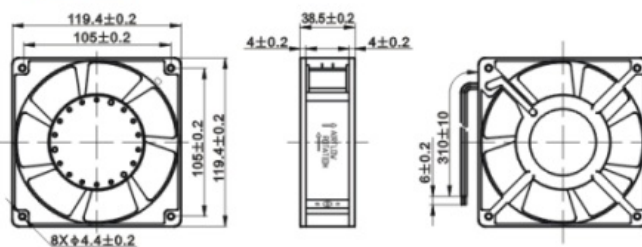
Insulation Isolation Grade: B **Protection Grade:** IP54 **Unit Weight:** 510g



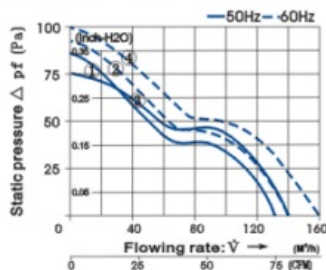
AC Axial Fan

Outline Dimensions

[Units:(mm)]



Characteristic Curves



Material

Frame: Die-casting ADC12 Aluminium Alloy. Surface is finished by black paint, anti-corrosion, anti-oxidization

Impeller: Made by injection mould with black plastic, PBT+ 30% glass fiber+VO class of anti-burning liquid

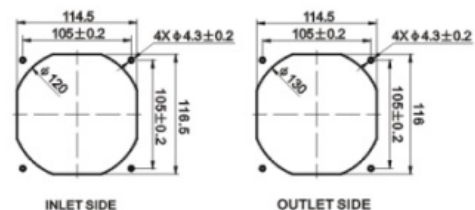
Bearing Type: NMB ball bearing (Sleeve bearing is optional)

Power Connection: UL3266 Lead wire, (terminal connection)

Life Test

Ball Bearing: 25℃ 60,000 hours
Sleeve Bearing: 25℃ 28,000 hours

Panel Cut-out



Type	Rated Voltage	Frequency	Current	Input Power	Speed	Max Air Flow	Max Static Pressure	Noise	Curve
	V	Hz	(A)	(W) ^{+10% -20%}	(min ⁻¹)	CFM m ³ /h	(Pa)	(dB)	
FJ12031ASM	115	50	0.26	19	2350	76.7 130	79	43	1
		60	0.23	15	2550	82.6 140	85	45	2
FJ12031ASN	115	50	0.27	20	2500	82.6 140	75	44	3
		60	0.24	16	2900	94.4 160	100	47	4
FJ12031ABM	115	50	0.26	19	2350	76.7 130	79	43	1
		60	0.23	15	2550	82.6 140	85	45	2
FJ12031ABN	115	50	0.27	20	2500	82.6 140	75	44	3
		60	0.24	16	2900	94.4 160	100	47	4
FJ12032ASM	230	50	0.12	21	2350	76.7 130	79	43	1
		60	0.15	23	2550	82.6 140	85	45	2
FJ12032ASN	230	50	0.13	22	2500	82.6 140	75	44	3
		60	0.16	25	2900	94.4 160	100	47	4
FJ12032ABM	230	50	0.12	21	2350	76.7 130	79	43	1
		60	0.15	23	2550	82.6 160	85	45	2
FJ12032ABN	230	50	0.13	22	2500	82.6 140	75	44	3
		60	0.16	25	2900	94.4 160	100	47	4

- Electric appliances meet European EN60335-1 safety standard and American fan UL507 standard. Materials of fan accorded with the requirements of ROHS are optional...
- Direction of air : CCW seen from the front impellers .

General Specifications

Motor Structure: Shaded Pole motor with inner rotor running, resistance protection design

Operation System: Double high precise ball bearings (single sleeve bearing)

Allowable Ambient Temperature Range:
-20℃~+60℃ (ball bearings)
-10℃~+40℃ (sleeve bearing)
(under unconcretionary state)

Insulation Resistance: Over100 Mega Ohm tested by a resistor at DC 500V .

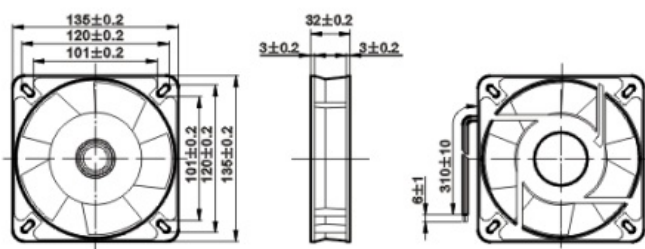
Dielectric Withstanding Voltage: AC 1,500 V, at 0.5mA, 50/60Hz

Insulation Isolation Grade: B **Protection Grade:** IP54 **Unit Weight:** 520g



AC Axial Fan

Outline Dimensions



Material

Frame: Die-casting ADC12 Aluminium Alloy. Surface is finished by black paint, anti-corrosion, anti-oxidization

Impeller: Made by injection mould with black plastic, PBT+ 30% glass fiber+VO class of anti-burning liquid

Bearing Type: NMB ball bearing (Sleeve bearing is optional)

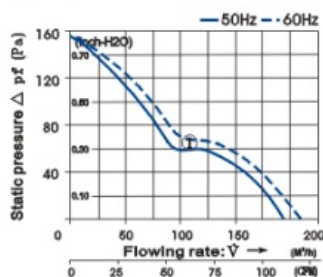
Power Connection: UL3266 Lead wire,

Life Test

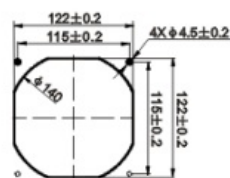
Ball Bearing: 25℃ 55,000 hours

Sleeve Bearing: 25℃ 25,000 hours

Characteristic Curves



Panel Cut-out



INLET SIDE/OUTLET SIDE

Type	Rated Voltage	Frequency	Current	Input Power	Speed	Max Air Flow	Max Static Pressure	Noise	Curve
	V	Hz	(A)	(W) +10% -20%	(min ⁻¹)	CFM m³/h	(Pa)	(dB)	
FJ13531ASN	115	50	0.27	22	2300	106 180	160	46	①
FJ13531ABN	115	60	0.26	21	2600	124 210	160	50	①
FJ13532ASN	230	50	0.13	21	2300	106 180	160	46	①
FJ13532ABN	230	60	0.12	20	2600	124 210	160	50	①
		50	0.13	21	2300	106 180	160	46	①
		60	0.12	20	2600	124 210	160	50	①

- Electric appliances meet European EN60335-1 safety standard and American fan UL507 standard. Materials of fan accorded with the requirements of ROHS are optional...
- Direction of air : CW seen from the front impellers .

General Specifications

Motor Structure: Shaded Pole motor with inner rotor running, resistance protection design

Operation System: Double high precise ball bearings

Allowable Ambient Temperature Range: -20°C~+70°C (ball bearings)
(under unconcretionary state)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC 500V .

Dielectric Withstanding Voltage: AC 1,800 V, at 0.5mA, 50/60Hz

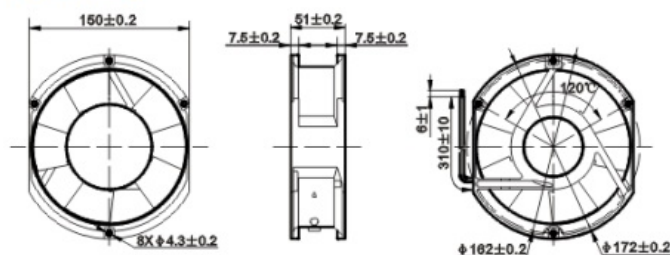
Insulation Isolation Grade: B **Protection Grade:** IP54 **Unit Weight:** 895g



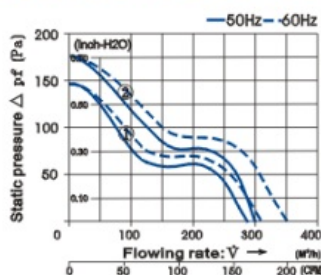
AC Axial Fan

Outline Dimensions

[Units:(mm)]



Characteristic Curves



Material

Frame: Die-casting ADC12 Aluminium Alloy. Surface is finished by black paint, anti-corrosion, anti-oxidization

Impeller: Made by injection mould with black plastic, PBT+ 30% glass fiber+VO class of anti-burning liquid

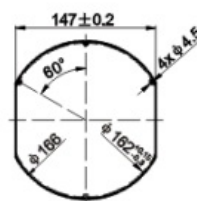
Bearing Type: NMB ball bearing

Power Connection: UL3266 Lead wire,

Life Test

Ball Bearing: 25°C 70,000 hours

Panel Cut-out



INLET SIDE/OUTLET SIDE

Type	Rated Voltage	Frequency	Current	Input Power	Speed	Max Air Flow	Max Static Pressure	Noise	Curve
FJ15051ABM	115	50	0.34	25	2400	165 280	150	53	①
FJ15051ABN	115	60	0.32	23	2900	182 308	150	55	②
FJ15052ABM	230	50	0.17	23	2400	165 280	150	53	①
FJ15052ABN	230	60	0.19	25	2700	182 308	150	55	②
		50	0.18	24	2600	175 297	170	55	
		60	0.20	26	3000	201 350	170	58	②

- Electric appliances meet European EN60335-1 safety standard and American fan UL507 standard. Materials of fan accorded with the requirements of ROHS are optional...
- Direction of air : CW seen from the front impellers .

General Specifications

Motor Structure: Shaded Pole motor with inner rotor running, resistance protection design

Operation System: Double high precise ball bearings

Allowable Ambient Temperature Range: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$ (ball bearings)
(under unconcretionary state)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC 500V .

Dielectric Withstanding Voltage: AC 1,800 V, at 0.5mA, 50/60Hz

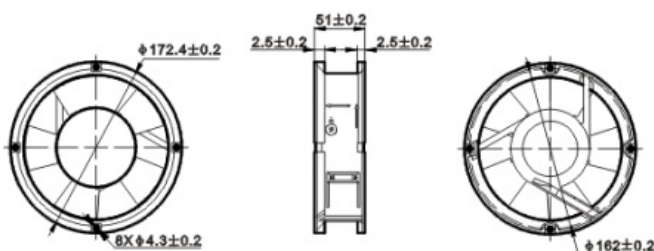
Insulation Isolation Grade: B **Protection Grade:** IP54 **Unit Weight:** 980g



AC Axial Fan

Outline Dimensions

[Units:(mm)]



Material

Frame: Die-casting ADC12 Aluminium Alloy. Surface is finished by black paint, anti-corrosion, anti-oxidization

Impeller: Made by injection mould with black plastic, PBT+ 30% glass fiber+VO class of anti-burning liquid

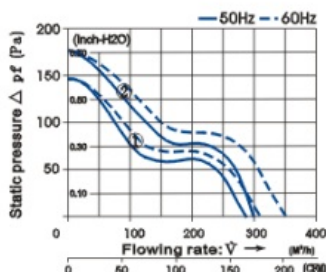
Bearing Type: NMB ball bearing

Power Connection: UL3266 Lead wire,(terminal connection)

Life Test

Ball Bearing: 25°C 70,000 hours

Characteristic Curves



Panel Cut-out



INLET SIDE/OUTLET SIDE

Type	Rated Voltage	Frequency	Current	Input Power	Speed	Max Air Flow	Max Static Pressure	Noise	Curve
	V	Hz	(A)	(W) +10% -20%	(min ⁻¹)	CFM m³/h	(Pa)	(dB)	
FJ17051ABM	115	50	0.34	25	2400	165 280	150	53	①
FJ17051ABN	115	60	0.32	23	2800	182 308	150	55	②
FJ17052ABM	230	50	0.17	23	2400	165 280	150	53	①
FJ17052ABN	230	60	0.19	25	2700	182 308	150	55	②
		50	0.18	24	2600	175 297	170	55	
		60	0.20	26	3000	201 350	170	58	

- Electric appliances meet European EN60335-1 safety standard and American fan UL507 standard. Materials of fan accorded with the requirements of ROHS are optional...
- Direction of air : CW seen from the front impellers .

General Specifications

Motor Structure: Shaded Pole motor with inner rotor running, resistance protection design

Operation System: Double high precise ball bearings

Allowable Ambient Temperature Range: -20℃~+50℃ (ball bearings)
(under unconcretionary state)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC 500V .

Dielectric Withstanding Voltage: AC 1,500 V, at 0.5mA, 50/60Hz

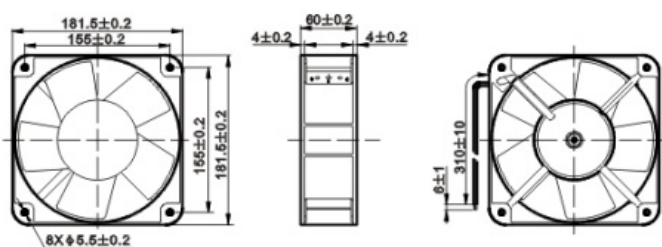
Insulation Isolation Grade: B **Protection Grade:** IP54 **Unit Weight:** 1.6kg



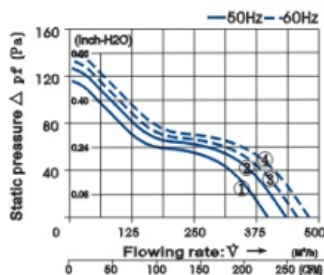
AC Axial Fan

Outline Dimensions

[Units:(mm)]



Characteristic Curves



Material

Frame: Die-casting ADC12 Aluminium Alloy. Surface is finished by black paint, anti-corrosion, anti-oxidization

Impeller: Made by injection mould with black plastic, PBT+ 30% glass fiber+VO class of anti-burning liquid

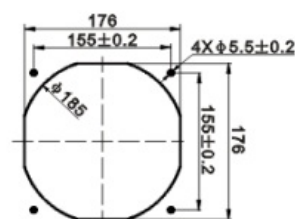
Bearing Type: NMB ball bearing

Power Connection: UL3266 Lead wire,

Life Test

Ball Bearing: 25℃ 50,000 hours

Panel Cut-out



INLET SIDE/OUTLET SIDE

Type	Rated Voltage	Frequency	Current	Input Power	Speed	Max Air Flow	Max Static Pressure	Noise	Curve
	V	Hz	(A)	(W) ^{+10% -20%}	(min ⁻¹)	CFM m³/h	(Pa)	(dB)	
FJ18061ABN	115	50	0.63	48	2400	248 400	115	58	1
		60	0.59	46	2600	265 450	125	59	3
FJ18062ABM	230	50	0.32	47	2500	248 420	125	60	2
		60	0.30	44	2700	265 470	135	61	4

- Electric appliances meet European EN60335-1 safety standard and American fan UL507 standard. Materials of fan accorded with the requirements of ROHS are optional...
- Direction of air : CW seen from the front impellers .

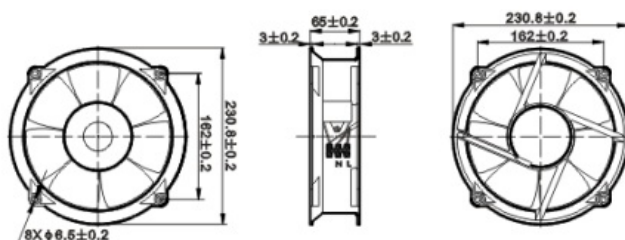
General Specifications

Motor Structure: Motor design of innerrotor inducted by running capacitor
Motor Protection: Ultra temperature protection under high speed. Automatic Protection under half or low speed.
Operation System: Double high precise ball bearings
Allowable Ambient Temperature Range: $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$ (ball bearings)
 (under unconcretionary state)
Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC 500V .
Dielectric Withstanding Voltage: AC 1,800 V, at 0.5mA, 50/60Hz
Insulation Isolation Grade: F **Protection Grade:** IP54 **Unit Weight:** 1.81kg



AC Axial Fan

Outline Dimensions



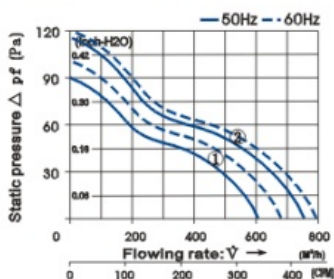
Material

Frame: Die-casting AZ91D Magnesium Alloy. Surface is finished by black paint, anti-corrosion, anti-oxidization
Impeller: Made by injection mould with black plastic, PBT+30% glass fiber+VO class of anti-burning liquid
Bearing Type: SKF ball bearing
Power Connection: terminal connection

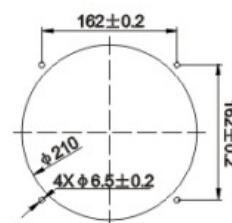
Life Test

Ball Bearing: 25°C 60,000 hours
 45°C 30,000 hours

Characteristic Curves



Panel Cut-out



INLET SIDE/OUTLET SIDE

Type	Rated Voltage	Frequency	Current	Input Power	Speed	Max Air Flow	Max Static Pressure	Noise	Curve
	V	Hz	(A)	(W) +10% -20%	(min ⁻¹)	CFM m³/h	(Pa)	(dB)	
FJ23061-2DM	115	50	0.40	45	2000	370 630	90	58	①
FJ23061-2DN	115	60	0.44	50	2250	401 680	100	62	
FJ23061-2DM	115	60	0.45	52	2550	443 750	110	65	②
FJ23062-2DM	230	50	0.17	40	2000	370 630	90	58	①
FJ23062-2DN	230	60	0.20	51	2350	401 680	100	62	
FJ23062-2DM	230	60	0.20	55	2400	443 750	110	65	②
FJ23062-2DN	230	60	0.22	50	2550	472 800	120	70	

- Electric appliances meet European EN60335-1 safety standard and American fan UL507 standard. Materials of fan accorded with the requirements of ROHS are optional...
- Direction of air : CW seen from the front impellers .

General Specifications

Motor Structure: Shaded pole motor inducted by running external rotor, with design of ultra temperature protection

Operation System: Double high precise ball bearings

Allowable Ambient Temperature Range: -25℃~+75℃ (ball bearings)
(under unconcretionary state)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC 500V .

Dielectric Withstanding Voltage: AC 1,800 V, at 0.5mA, 50/60Hz

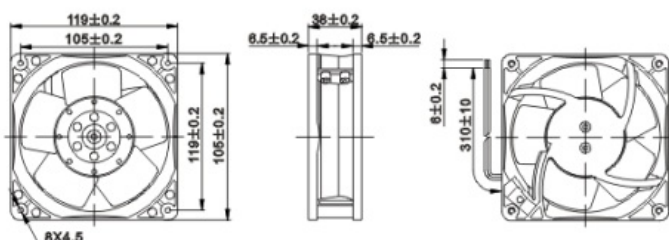
Insulation Isolation Grade: F **Protection Grade:** IP54 **Unit Weight:** 540kg



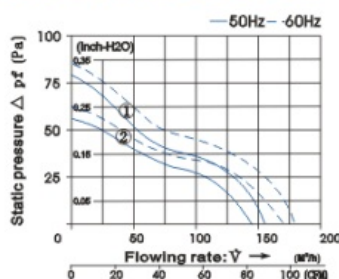
AC Axial Fan

Outline Dimensions

[Units:(mm)]



Characteristic Curves



Material

Frame: Die-casting Aluminium Alloy. With anti-corrosion treatment.

Impeller: Stricked out from metal armor plate, Impellers are welded to motor rotor directly. Surface is finished to be anti- corrosion by cathode electrophoresis.

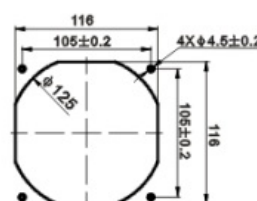
Bearing Type: NMB ball bearing

Power Connection: UL3266 Lead wire,(Socket connection)

Life Test

Ball Bearing: 45℃ 60,000 hours
60℃ 35,000 hours

Panel Cut-out



INLET SIDE/OUTLET SIDE

Type	Rated Voltage	Frequency	Current	Input Power	Speed	Max Air Flow	Max Static Pressure	Noise	Curve
	V	Hz	(A)	(W) ^{+10% -20%}	(min ⁻¹)	CFM m³/h	(Pa)	(dB)	
FJ12031MABM	115	50	0.27	22.5	2500	85 145	55	44	①
FJ12031MABN	115	60	0.27	22.0	3000	99.5 169	60	48	②
FJ12032MABM	230	50	0.15	23.0	2500	85 145	55	44	①
FJ12032MABN	230	60	0.17	25.0	3000	99.5 169	60	48	②

- Electric appliances meet European EN60335-1 safety standard and American fan UL507 standard. Materials of fan accorded with the requirements of ROHS are optional...
- Direction of air : CW seen from the front impellers .

General Specifications

Motor Structure: Motor with external rotor inducted by a running capacitor.
With design of ultra temperature protection.

Operation System: Double precise ball bearing.

Allowable Ambient Temperature Range:
-25°C~+75°C (ball bearing)
(under unconcretionary state)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC 500V.

Dielectric Withstanding Voltage: AC 1, 800V, at 0.5mA, 50/60Hz

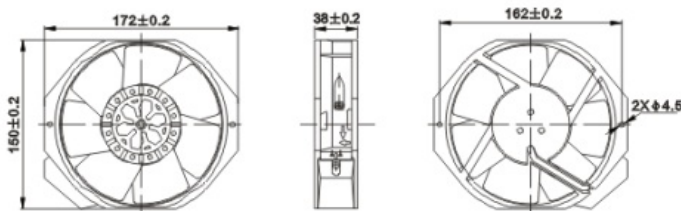
Insulation Isolation Grade: F **Protection Grade:** Ip54 **Unit weight:** 900g



AC Axial Fan

Outline Dimensions

[Units:(mm)]



Material

Frame: Die-casting ADC12 aluminum alloy, with anti-corrosion treatment.

Impeller: Pressed from metal armor plate, impellers are welded to motor rotor directly and surface is finished by ka. Electrophoresis to be anti-corrosion.

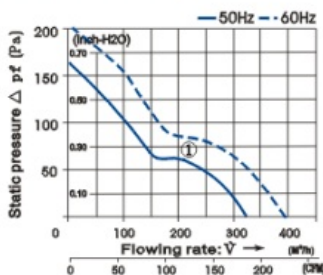
Bearing: NMK ball bearings.

Power supply connection: Socket flake connection.

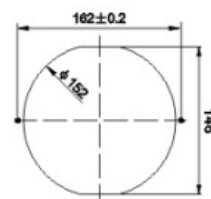
Life Test

Ball Bearing: 45°C 60,000 hours
60°C 35,000 hours

Characteristic Curves



Panel Cut-out



INLET SIDE/OUTLET SIDE

Type	Rated Voltage	Frequency	Current	Input Power	Speed	Max Air Flow	Max Static Pressure	Noise	Curve
	V	Hz	(A)	(W) +10% -20%	(min ⁻¹)	CFM m³/h	(Pa)	(dB)	
FJ14531MABN	115	50	0.22	25	2700	189 320	156	52	①
		60	0.21	24	3200	224 380	215	57	
FJ14532MABN	230	50	0.13	29	2700	189 320	156	52	①
		60	0.13	28	3200	224 380	215	56	

- Electric appliances meet European EN60335-1 safety standard and American fan UL507 standard. Materials of fan accorded with the requirements of ROHS are optional...
- Direction of air : CCW seen from the front impellers .

General Specifications

Motor Structure: Shaded pole motor inducted by running external rotor, with design of ultra temperature protection

Operation System: Double precise ball bearing.

Allowable Ambient Temperature Range: -25°C~+75°C (ball bearing)
(under unconcretionary state)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC 500V.

Dielectric Withstanding Voltage: AC 1, 800 V, at 0.5mA, 50/60 Hz

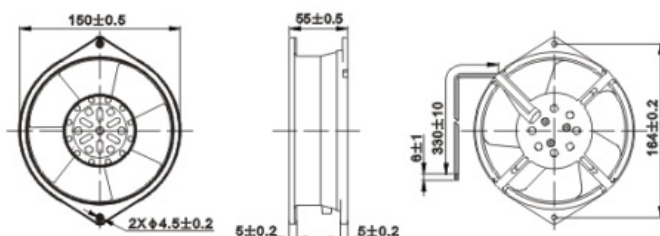
Insulation Isolation Grade: F **Protection Grade:** IP55 **Unit weight:** 1.1Kg



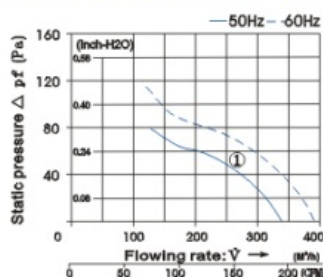
AC Axial Fan

Outline Dimensions

[Units:(mm)]



Characteristic Curves



Material

Frame: Die-casting ADC12 aluminum alloy, with anti-corrosion treatment.

Impeller: Pressed from metal armor plate, impellers are welded to motor rotor directly and surface is finished by ka. electrophoresis to be anti-corrosion.

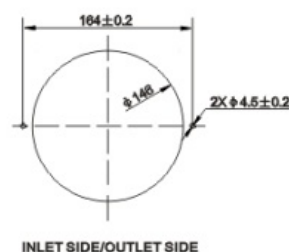
Bearing: NMK ball bearings.

Power supply connection: UL3266 wire connection.

Life Test

Ball Bearing: 45°C 60,000 hours
60°C 35,000 hours

Panel Cut-out



INLET SIDE/OUTLET SIDE

Type	Rated Voltage	Frequency	Current	Input Power	Speed	Max Air Flow	Max Static Pressure	Noise	Curve
	V	Hz	(A)	(W) ^{+10% -20%}	(min ⁻¹)	CFM m³/h	(Pa)	(dB)	
FJ16051MABN	115	50	0.56	45	2700	191 325	80	48	①
		60	0.49	40	3000	224 380	120	52	
FJ16052MABN	230	50	0.33	47	2700	191 325	80	48	①
		60	0.28	41	3000	224 380	120	52	

- Electric appliances meet European EN60335-1 safety standard and American fan UL507 standard. Materials of fan accorded with the requirements of ROHS are optional...
- Direction of air : CCW seen from the front impellers .

General Specifications

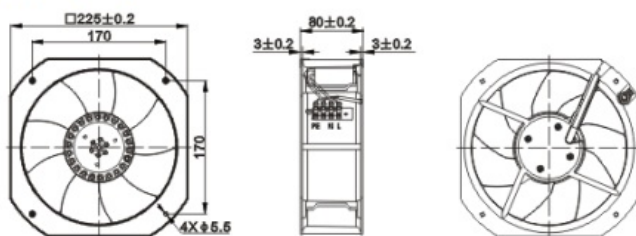
Motor Structure: Motor with external rotor inducted by a running capacitor.
Protection of Motor: Ultra temperature protection under standard speed.
 Automatic protection under half or low speed.
Allowable Ambient Temperature Range:
 -25℃~+85℃ (Operating),
 -30℃~+90℃ (Storage)
 (under unconcretionary state)
Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC 500V.
Dielectric Withstanding Voltage: AC 2, 500 V, at 0.5mA, 50/60 Hz
Insulation Isolation Grade: F **Protection Grade:** IP55 **Unit weight:** 2.2Kg



AC Axial Fan

Outline Dimensions

[Units:(mm)]



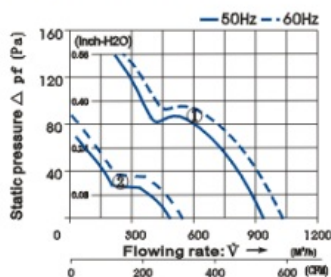
Material

Frame: Die-casting AZ91D magnesium alloy, with anti-corrosion treatment.
Impeller: Pressed from metal armor plate, impellers are welded to motor rotor directly and surface is finished by ka. electrophoresis to be anti-corrosion.
Bearing: Double NSK ball bearings are inner set.
Power supply connection: PA-10 terminal connection.

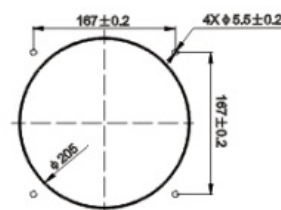
Life Test

Ball Bearing: 45℃ 65,000 hours
 60℃ 35,000 hours

Characteristic Curves



Panel Cut-out



INLET SIDE/OUTLET SIDE

Type	Rated Voltage	Frequency	Current	Input Power	Speed	Max Air Flow	Max Static Pressure	Noise	Curve
	V	Hz	(A)	(W) +10% -20%	(min ⁻¹)	CFM m³/h	(Pa)	(dB)	
FJ22081MABN	115	50	0.56	64	2500	546 925	140	62	①
		60	0.68	78	2750	608 1030	140	64	
FJ22082MABM	230	50	0.14	30	1370	268 455	75	43	②
		60	0.16	36	1570	307 520	85	46	
FJ22082MABN	230	50	0.29	62	2450	540 915	140	59	①
		60	0.33	75	2700	596 1010	140	61	

- Electric appliances meet European EN60335-1 safety standard and American fan UL507 standard. Materials of fan accorded with the requirements of ROHS are optional...
- Direction of air : CCW seen from the front impellers .

General Specifications

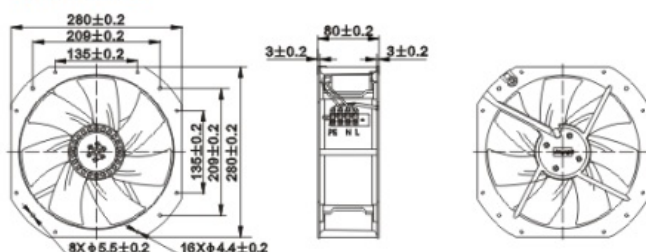
Motor Structure: Motor with external rotor inducted by a running capacitor.
Protection of Motor: Ultra temperature protection under standard speed.
 Automatic protection under half or low speed.
Allowable Ambient Temperature Range:
 -25°C~+85°C (Operating),
 -30°C~+90°C (Storage)
 (under unconcretionary state)
Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC 500V.
Dielectric Withstanding Voltage: AC 2, 500 V, at 0.5mA, 50/60 Hz
Insulation Isolation Grade: F **Protection Grade:** IP55 **Unit weight:** 2.9Kg



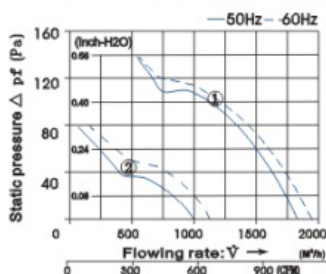
AC Axial Fan

Outline Dimensions

[Units:(mm)]



Characteristic Curves



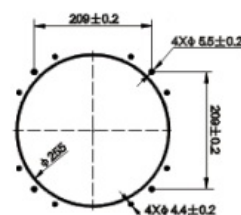
Material

Frame: Die-casting AZ91D magnesium alloy, with anti-corrosion treatment.
Impeller: Pressed from metal armor plate, impellers are welded to motor rotor directly and surface is finished by ka. electrophoresis to be anti-corrosion.
Bearing: Double NSK ball bearings are inner set.
Power supply connection: PA-10 terminal connection.

Life Test

Ball Bearing: 45°C 60,000 hours
 60°C 30,000 hours

Panel Cut-out

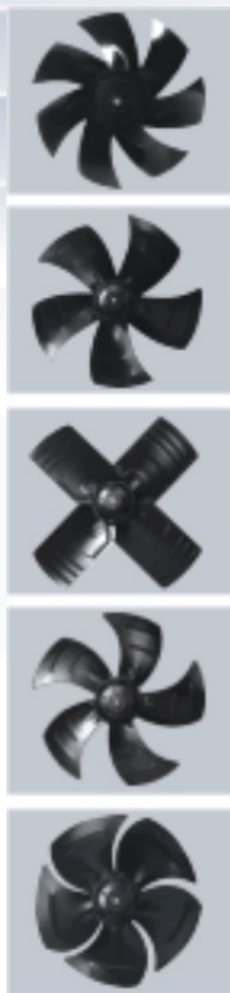


INLET SIDE/OUTLET SIDE

Type	Rated Voltage	Frequency	Current	Input Power	Speed	Max Air Flow	Max Static Pressure	Noise	Curve
	V	Hz	(A)	(W) ^{+10% -20%}	(min ⁻¹)	CFM m³/h	(Pa)	(dB)	
FJ28081MABN	115	50	0.97	110	2480	1060 1800	140	68	①
		60	1.36	155	2600	1150 1950	140	70	
FJ28082MABM	230	50	0.19	42	1380	590 1000	80	45	②
		60	0.20	45	1560	696 1180	80	48	
FJ28082MABN	230	50	0.51	115	2500	1060 1800	140	68	①
		60	0.70	160	2650	1150 1950	140	70	

- Electric appliances meet European EN60335-1 safety standard and American fan UL507 standard. Materials of fan accorded with the requirements of ROHS are optional...
- Direction of air : CCW seen from the front impellers .

Performance Introduction

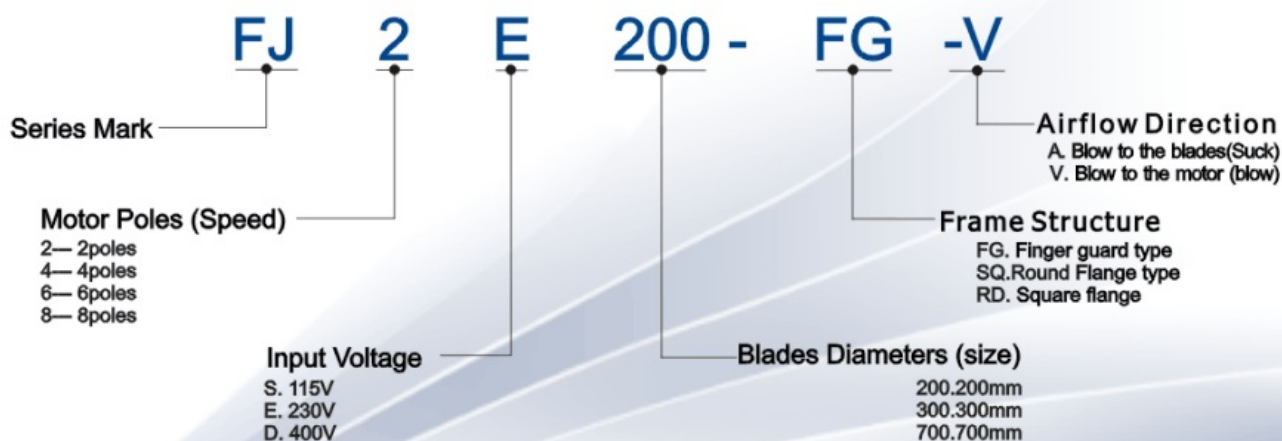


- External rotor motor structure has good cooling efficiency.
- Fan has protection system, and it is reinforced by steel wire guard.
- Matched with sickle blades, applied to medium pressure and big air flow.
- Blades pressed to be shaped are welded to the rotor, which can save cost for manufacture.
- Holistic combination of motor and blades via adjusting of balancing machine makes tolerance of balance quality not bigger than Q6.3.
- Installation of round or squire diversion circle is optional for choosing.
- Most of the fan is with cable wire with which power supply is available any time.
- Motor is waterproof and there are dripping holes on the rotor.
- Motor of Prevention Class IP47 is prepared to provide.
- Overload protection and block up protection.
- Both "Blow" and "Suck" direction of air flow are available.
- Kinds of voltage ranges and air flow are available due to the design of various models
- Fans are with high efficient operation and numerous features.
- Spare parts are optional in great range: finger guards, diversion circle in kinds of shapes, capacitor and terminal box

Specification Data

Voltage range	100~400 VAC	Input power	10~1300 W
Airflow	300~16,000 m³/h	Static pressure	Maximum 200 Pa

General model Note



General Specifications

External Rotor fan with 9 blades and protection system is reinforced by guard.

Allowable Ambient Temperature Range: -30℃~+85℃. (unconcretionary)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC500V .

Dielectric Withstanding Voltage: AC1800V at 0.5mA, 50/60Hz

Insulation Isolation Grade: F Protection Grade: IP 44

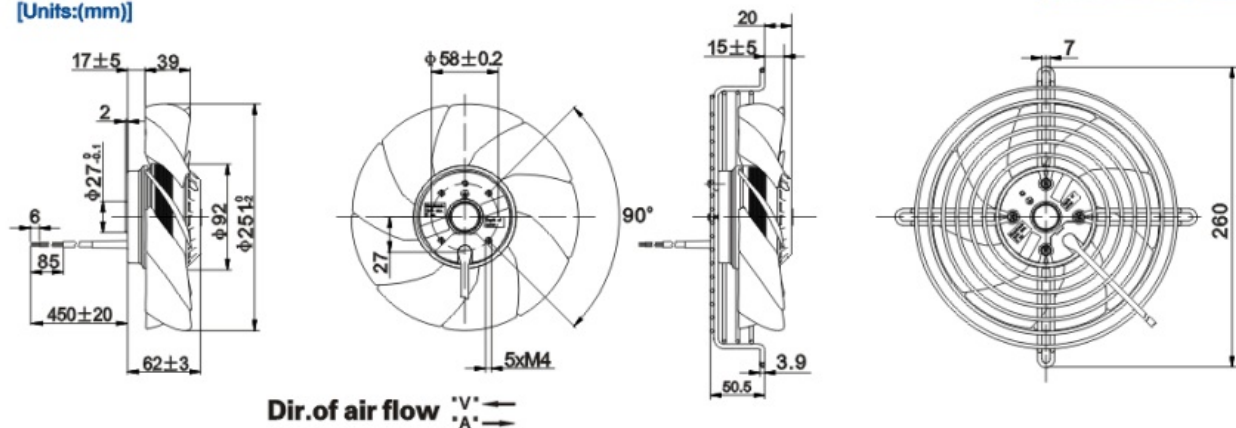
Unit Weight: 1.6Kg



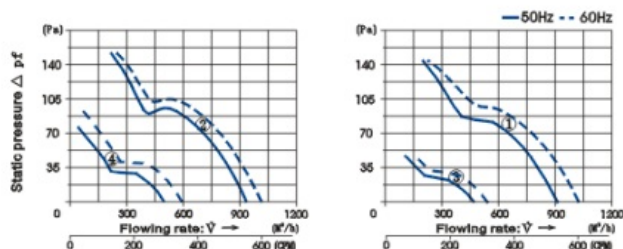
AC Axial Fan

Outline Dimensions

[Units:(mm)]



Characteristic Curves



Material

Fixed Guard: Steel wire is finished with black paint and anti-corrosion treatment.

Impeller: Pressed from metal armor plate, impellers are welded to motor rotor and its surface is anti-corrosion, finished by ka. Electrophoresis at black cathode.

Bearing Type: Maintain-free NSK ball bearing.

Power Supply Connection: Wire connection or terminal box set.

Type	Nominal Voltage	Frequency	Air Flow	Nominal Speed	Input Power	Current	Noise	Static Pressure	Curve	Capacitor
	V	Hz	m³/h (min⁻¹)	(W)	(A)	(dB)	(Pa)			μ F/vdb
FJ2E-200	230	50 60	890 990	2500 2700	64 78	0.29 0.34	65 68	150 150	①	1.5/500
FJ2D-200	400	50 60	890 990	2450 2700	88 70	0.17 0.18	65 68	140 140	②	.....
FJ4E-200	230	50 60	470 540	1370 1580	30 27	0.21 0.19	42 46	50 50	③	0.8/500
FJ4D-200	400	50 60	500 600	1440 1600	23 27	0.06 0.07	43 47	70 90	④	.....

● All electric figures in the data sheet are gotten from natural state. In practical appliance, they can have great changes due to the factor of air pressure, power, current and rotation speed.

● "A" direction of air follow indicates the air blows from Impellers to guard, while "V" Indicates air blows from guard to impellers.

General Specifications

External Rotor fan with 7 blades and protection system is reinforced by guard.

Allowable Ambient Temperature Range:-25℃~+85℃. (unconcretionary)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC500V .

Dielectric Withstanding Voltage: AC1800V at 0.5mA, 50/60Hz

Insulation Isolation Grade: F Protection Grade: IP 44

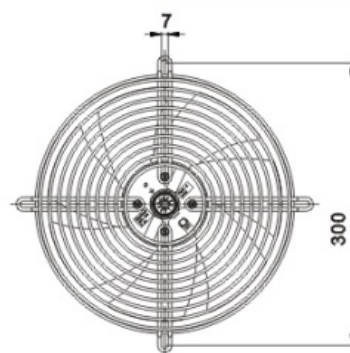
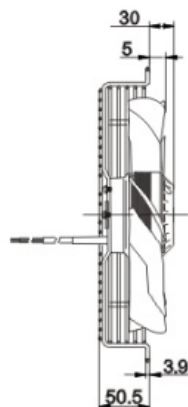
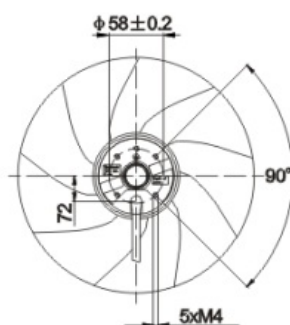
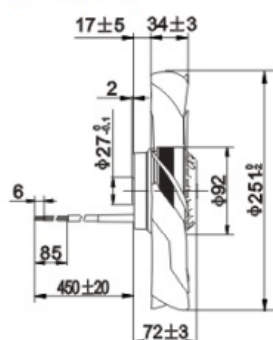
Unit Weight: 3.0Kg



AC Axial Fan

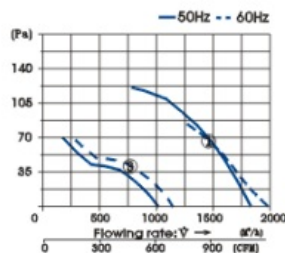
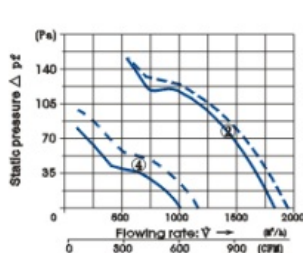
Outline Dimensions

[Units:(mm)]



Dir. of air flow
"V" →
"A" →

Characteristic Curves



Material

Fixed Guard: Steel wire is finished with black paint and anti-corrosion treatment.

Impeller: Pressed from metal armor plate, impellers are welded to motor rotor and its surface is anti-corrosion, finished by ka. Electrophoresis at black cathode.

Bearing Type: Maintain-free NSK ball bearing.

Power Supply Connection: Wire connection or terminal box set.

Type	Nominal Voltage	Frequency	Air Flow	Nominal Speed	Input Power	Current	Noise	Static Pressure	Curve	Capacitor
	V	Hz	m³/h	(min⁻¹)	(W)	(A)	(dB)	(Pa)		μ F/vdb
FJ2E-250	230	50	1820	2450	115	0.51	69	120	①	3.0/400
FJ2D-250	400	50	1830	2500	127	0.32	69	150	②	1.5/400
FJ4E-250	230	50	1010	1400	42	0.19	54	80	③	.....
FJ4D-250	400	50	1010	1400	45	0.12	54	70	④	0.8/630
		60	1970	2600	150	0.66	71	85		
		60	1950	2650	158	0.40	70	150		
		60	1200	1580	45	0.20	58	100		
		60	1140	1580	47	0.12	57	70		

All electric figures in the data sheet are gotten from natural state. In practical appliance, they can have great changes due to the factor of air pressure, power, current and rotation speed.

"A" direction of air follow indicates the air blows from Impellers to guard, while "V" Indicates air blows from guard to Impellers.

General Specifications

External Rotor fan with 7 blades and protection system is reinforced by guard.

Allowable Ambient Temperature Range: -25℃~+70℃. (unconcretionary)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC500V .

Dielectric Withstanding Voltage: AC1500V at 0.5mA, 50/60Hz

Insulation Isolation Grade: B Protection Grade: IP 44

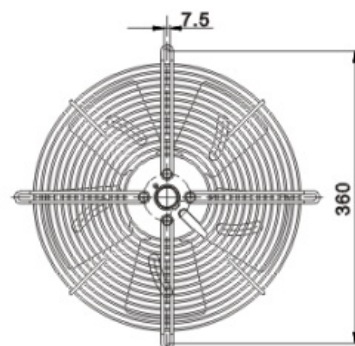
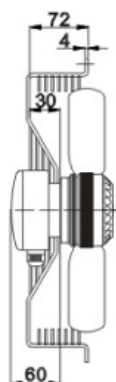
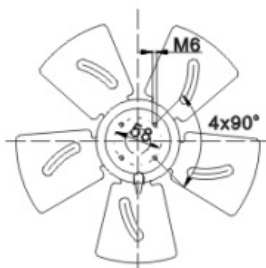
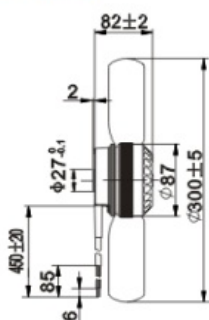
Unit Weight: 3.3Kg



AC Axial Fan

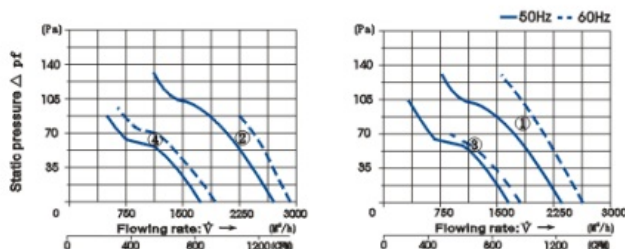
Outline Dimensions

[Units:(mm)]



Dir.of air flow "V" →
"A" →

Characteristic Curves



Material

Fixed Guard: Steel wire is finished with black paint and anti-corrosion treatment.

Impeller: Pressed from metal armor plate, impellers are installed on rotor by press. Surface is finished by black paint and anti-corrosion treatment.

Bearing Type: Maintain-free NSK ball bearing.

Power Supply Connection: Wire connction or terminal box set.

Type	Nominal Voltage	Frequency	Air Flow	Nominal Speed	Input Power	Current	Noise	Static Pressure	Curve	Capacitor
	V	Hz	m³/h (min⁻¹)	(W)	(A)	(dB)	(Pa)			μ F/vdb
FJ2E-300	230	50 60	2500 2750	2650 2850	150 170	0.66 0.75	70 72	150 150	①	4.0/400
FJ2D-300	400	50 60	2400 2650	2600 2750	140 165	0.36 0.42	71 73	150 100	②	.....
FJ4E-300	230	50 60	1680 1800	1350 1450	96 105	0.44 0.47	64 65	120 100	③	3.0/400
FJ4D-300	400	50 60	1730 1900	1370 1510	85 110	0.22 0.28	65 66	100 110	④	.....

- All electric figures in the data sheet are gotten from natural state. In practical appliance, they can have great changes due to the factor of air pressure, power, current and rotation speed.
- "A" direction of air follow indicates the air blows from Impellers to guard, while "V" Indicates air blows from guard to impellers.

General Specifications

External Rotor fan with 5 blades and protection system is reinforced by guard.

Allowable Ambient Temperature Range: -25℃~+70℃. (unconcretionary)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC500V .

Dielectric Withstanding Voltage: AC1500V at 0.5mA, 50/60Hz

Insulation Isolation Grade: B Protection Grade: IP 44

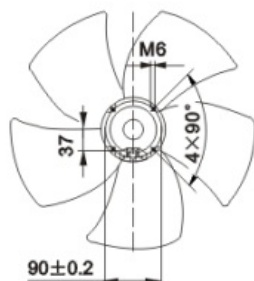
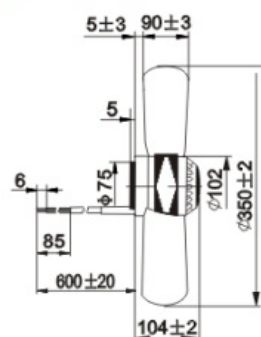
Unit Weight: 4.9Kg



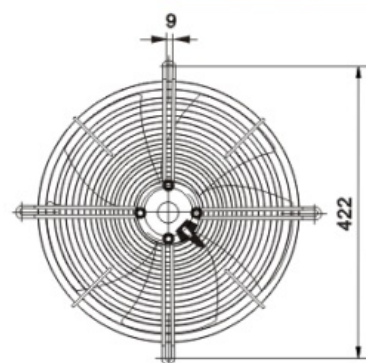
AC Axial Fan

Outline Dimensions

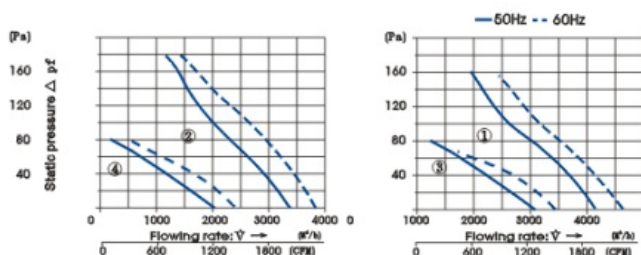
[Units:(mm)]



Dir. of air flow "V" →
"A" →



Characteristic Curves



Material

Fixed Guard: Steel wire is finished with black paint and anti-corrosion treatment.

Impeller: Pressed from metal armor plate, impellers are welded to rotor. Surface is finished by black paint and anti-corrosion treatment.

Bearing Type: Maintain-free NSK ball bearing.

Power Supply Connection: Wire connction or terminal box set.

Type	Nominal Voltage	Frequency	Air Flow	Nominal Speed	Input Power	Current	Noise	Static Pressure	Curve	Capacitor
	V	Hz	m³/h	(min⁻¹)	(W)	(A)	(dB)	(Pa)		μ F/vdb
FJ4E-350	230	50	3100	1400	130	0.58	64	160	①	4.0/400
		60	3500	1550	170	0.75	67	160		
FJ4D-350	400	50	3140	1420	134	0.34	64	180	②	.....
		60	3630	1640	165	0.42	67	180		
FJ6E-350	230	50	2110	940	68	0.31	54	80	③	2.0/500
		60	2450	1100	84	0.37	58	70		
FJ6D-350	400	50	2020	940	120	0.31	53	80	④	.....
		60	2400	1080	148	0.38	60	80		

ⓘ All electric figures in the data sheet are gotten from natural state. In practical appliance, they can have great changes due to the factor of air pressure, power, current and rotation speed.

ⓘ "A" direction of air follow indicates the air blows from Impellers to guard, while "V" Indicates air blows from guard to Impellers.

General Specifications

External Rotor fan with 5 blades and protection system is reinforced by guard.

Allowable Ambient Temperature Range: $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$. (unconcretionary)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC500V.

Dielectric Withstanding Voltage: AC1500V at 0.5mA, 50/60Hz

Insulation Isolation Grade: B Protection Grade: IP 44

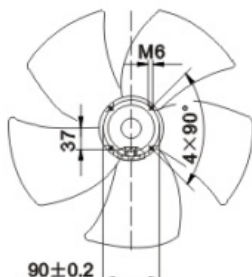
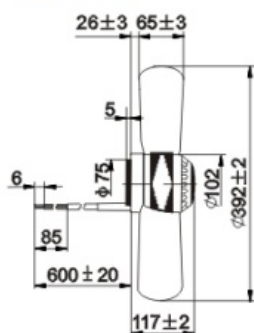
Unit Weight: 5.6Kg



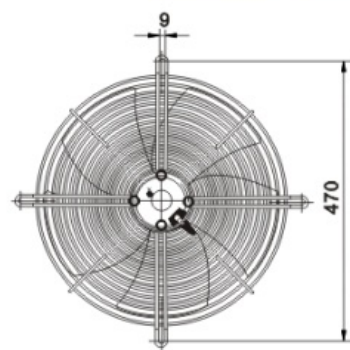
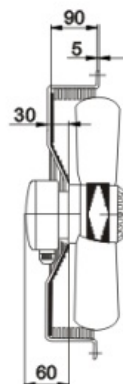
AC Axial Fan

Outline Dimensions

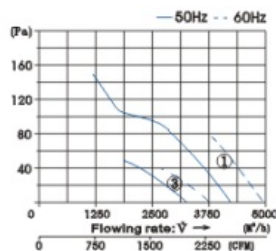
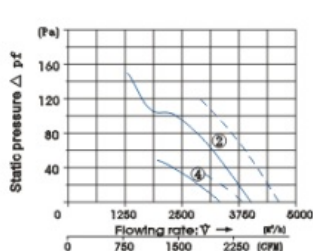
[Units:(mm)]



Dir. of air flow "V" →
"A" →



Characteristic Curves



Material

Fixed Guard: Steel wire is finished with black paint and anti-corrosion treatment.

Impeller: Pressed from metal armor plate, impellers are welded to rotor. Surface is finished by black paint and anti-corrosion treatment.

Bearing Type: Maintain-free NSK ball bearing.

Power Supply Connection: Wire connection or terminal box set.

Type	Nominal Voltage	Frequency	Air Flow	Nominal Speed	Input Power	Current	Noise	Static Pressure	Curve	Capacitor
	V	Hz	m³/h (min⁻¹)	(W)	(A)	(dB)	(Pa)			μ F/vdb
FJ4E-400	230	50 60	4235 4950	1430 1700	170 240	0.75 1.06	68 72	150 75	①	6.0/400
FJ4D-400	400	50 60	4000 4610	1450 1690	140 195	0.36 0.49	68 72	150 120	②	.....
FJ6E-400	230	50 60	3290 3780	940 1080	120 170	0.54 0.75	59 62	50 40	③	3.0/400
FJ6D-400	400	50 60	3250 3810	920 1100	115 140	0.30 0.36	58 62	50 40	④	.....

● All electric figures in the data sheet are gotten from natural state. In practical appliance, they can have great changes due to the factor of air pressure, power, current and rotation speed.

● "A" direction of air follow indicates the air blows from Impellers to guard, while "V" indicates air blows from guard to impellers.

General Specifications

External Rotor fan with 5 blades and protection system is reinforced by guard.

Allowable Ambient Temperature Range: -25℃~+70℃. (unconcretionary)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC500V .

Dielectric Withstanding Voltage: AC1500V at 0.5mA, 50/60Hz

Insulation Isolation Grade: B Protection Grade: IP 44

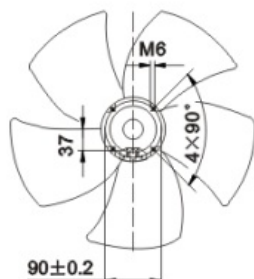
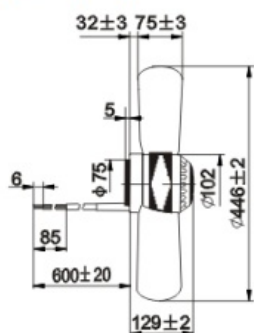
Unit Weight: 7.2Kg



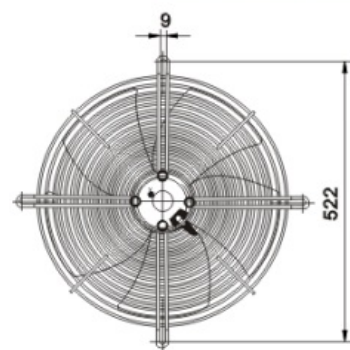
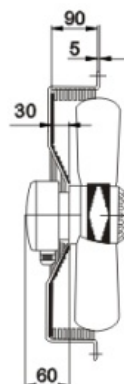
AC Axial Fan

Outline Dimensions

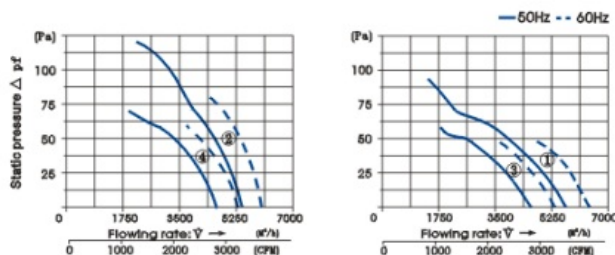
[Units:(mm)]



Dir. of air flow "V" →
"A" →



Characteristic Curves



Material

Fixed Guard: Steel wire is finished with black paint and anti-corrosion treatment.

Impeller: Pressed from metal armor plate, impellers are welded to rotor. Surface is finished by black paint and anti-corrosion treatment.

Bearing Type: Maintain-free NSK ball bearing.

Power Supply Connection: Wire connction or terminal box set.

Type	Nominal Voltage	Frequency	Air Flow	Nominal Speed	Input Power	Current	Noise	Static Pressure	Curve	Capacitor
	V	Hz	m³/h	(min⁻¹)	(W)	(A)	(dB)	(Pa)		μ F/vdb
FJ4E-450	230	50	5700	1400	325	1.42	73	90	①	8.0/400
		60	6500	1600	335	1.47	76	50		
FJ4D-450	400	50	5440	1380	280	0.87	72	120	②	.....
		60	6040	1540	285	0.73	75	80		
FJ6E-450	230	50	4725	980	165	0.73	63	60	③	4.0/400
		60	5450	1070	230	1.02	67	50		
FJ6D-450	400	50	4700	930	160	0.41	61	60	④	.....
		60	5100	1050	180	0.46	62	55		

● All electric figures in the data sheet are gotten from natural state. In practical appliance, they can have great changes due to the factor of air pressure, power, current and rotation speed.

● "A" direction of air follow indicates the air blows from Impellers to guard, while "V" indicates air blows from guard to impellers.

FJ4E-500 Φ500 mm

General Specifications

External Rotor fan with 5 blades and protection system is reinforced by guard.

Allowable Ambient Temperature Range:-25℃~+70℃. (unconcretionary)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC500V .

Dielectric Withstanding Voltage: AC1500V at 0.5mA, 50/60Hz

Insulation Isolation Grade: B Protection Grade: IP 44

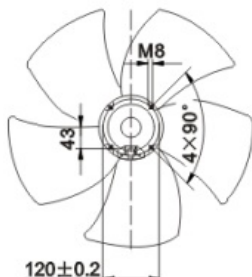
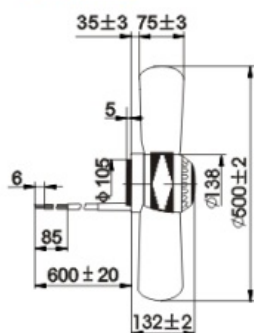
Unit Weight: 9.3Kg



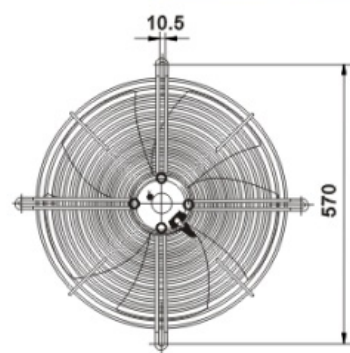
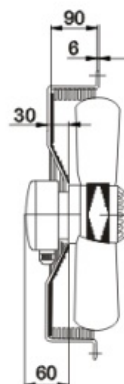
AC Axial Fan

Outline Dimensions

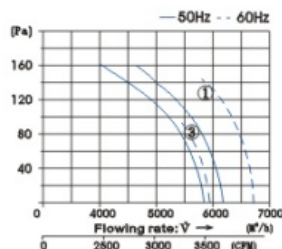
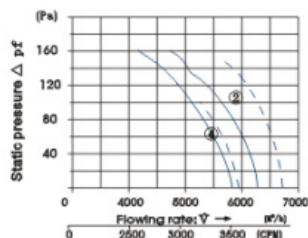
[Units:(mm)]



Dir.of air flow "V" →
"A" →



Characteristic Curves



Material

Fixed Guard: Steel wire is finished with black paint and anti-corrosion treatment.

Impeller: Pressed from metal armor plate, impellers are welded to rotor. Surface is finished by black paint and anti-corrosion treatment.

Bearing Type: Maintain-free NSK ball bearing.

Power Supply Connection: Wire connction or terminal box set.

Type	Nominal Voltage	Frequency	Air Flow	Nominal Speed	Input Power	Current	Noise	Static Pressure	Curve	Capacitor
	V	Hz	m³/h (min⁻¹)	(W)	(A)	(dB)	(Pa)			μ F/vdb
FJ4E-500	230	50 60	6200 6700	1300 1500	400 420	1.75 1.85	71 72	160 160	①	10.0/400
FJ4D-500	400	50 60	6200 6700	1300 1500	400 380	1.02 0.97	72 73	160 160	②	.....
FJ6E-500	230	50 60	5800 5900	900 1100	160 190	0.71 0.86	67 68	120 100	③	8.0/400
FJ6D-500	400	50 60	5800 5900	900 1050	230 230	0.58 0.59	67 68	120 100	④	.....

● All electric figures in the data sheet are gotten from natural state. In practical appliance, they can have great changes due to the factor of air pressure, power, current and rotation speed.

● "A" direction of air follow indicates the air blows from impellers to guard, while "V" indicates air blows from guard to impellers.

General Specifications

External Rotor fan with 5 blades and protection system is reinforced by guard.

Allowable Ambient Temperature Range: -25℃~+65℃. (unconcretionary)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC500V .

Dielectric Withstanding Voltage: AC1500V at 0.5mA, 50/60Hz

Insulation Isolation Grade: B Protection Grade: IP 44

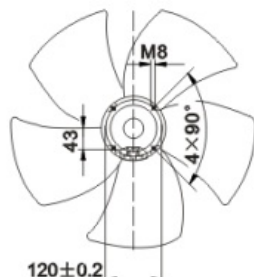
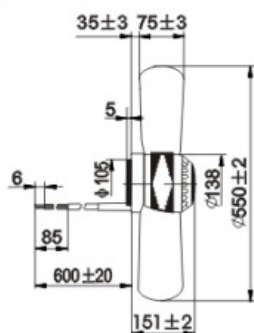
Unit Weight: 10.5Kg



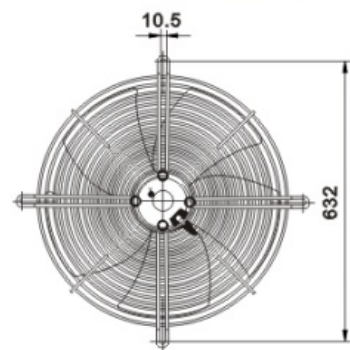
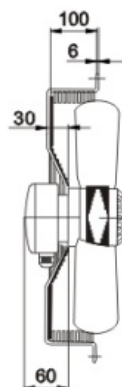
AC Axial Fan

Outline Dimensions

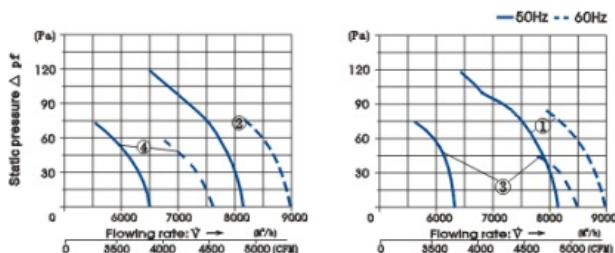
[Units:(mm)]



Dir. of air flow "V" →
"A" →



Characteristic Curves



Material

Fixed Guard: Steel wire is finished with black paint and anti-corrosion treatment.

Impeller: Pressed from metal armor plate, impellers are welded to rotor. Surface is finished by black paint and anti-corrosion treatment.

Bearing Type: Maintain-free NSK ball bearing.

Power Supply Connection: Wire connction or terminal box set.

Type	Nominal Voltage	Frequency	Air Flow	Nominal Speed	Input Power	Current	Noise	Static Pressure	Curve	Capacitor
	V	Hz	m³/h	(min⁻¹)	(W)	(A)	(dB)	(Pa)		μ F/vdb
FJ4E-550	230	50	8200	1300	500	2.20	76	120	①	10.0/400
		60	9000	1500	590	2.58	78	80		
FJ4D-550	400	50	8400	1320	500	1.27	76	120	②	.....
		60	9000	1500	690	1.75	79	70		
FJ6E-550	230	50	6340	900	210	1.00	68	75	③	8.0/400
		60	8500	1100	230	1.04	70	50		
FJ6D-550	400	50	6500	950	300	0.78	69	75	④	.....
		60	7600	1130	290	0.74	70	60		

● All electric figures in the data sheet are gotten from natural state. In practical appliance, they can have great changes due to the factor of air pressure, power, current and rotation speed.

● "A" direction of air follow Indicates the air blows from Impellers to guard, while "V" Indicates air blows from guard to impellers.

General Specifications

External Rotor fan with 4 blades and protection system is reinforced by guard.

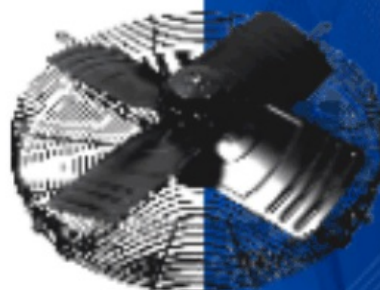
Allowable Ambient Temperature Range:-25℃~+65℃. (unconcretionary)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC500V .

Dielectric Withstanding Voltage: AC1500V at 0.5mA, 50/60Hz

Insulation Isolation Grade: B Protection Grade: IP 44

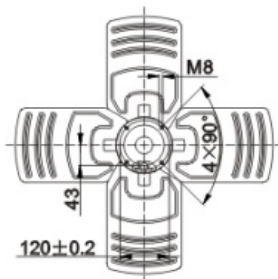
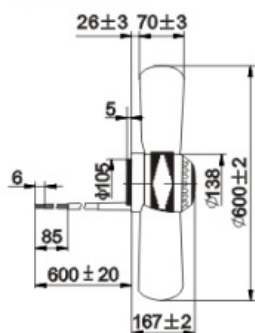
Unit Weight: 10.5Kg



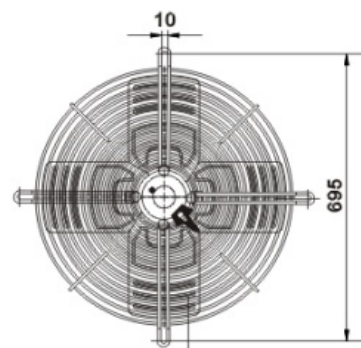
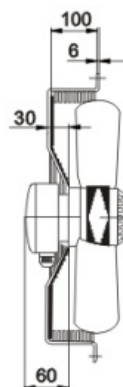
AC Axial Fan

Outline Dimensions

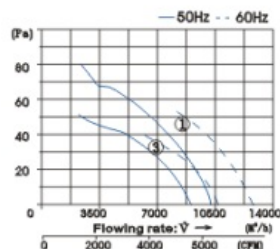
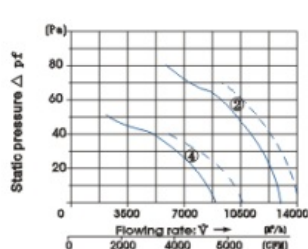
[Units:(mm)]



Dir.of air flow "V" →
"A" →



Characteristic Curves



Material

Fixed Guard: Steel wire is finished with black paint and anti-corrosion treatment.

Impeller: Pressed from metal armor plate, impellers are welded to rotor. Surface is finished by black paint and anti-corrosion treatment.

Bearing Type: Maintain-free NSK ball bearing.

Power Supply Connection: Wire connction or terminal box set.

Type	Nominal Voltage	Frequency	Air Flow	Nominal Speed	Input Power	Current	Noise	Static Pressure	Curve	Capacitor
	V	Hz	m³/h (min⁻¹)	(W)	(A)	(dB)	(Pa)			μ F/vdb
FJ4E-600	230	50 60	10000 13000	1300 1470	680 660	3.00 2.90	77 78	80 55	①	12.0/400
FJ4D-600	400	50 60	13000 14300	1340 1450	770 790	1.95 2.00	76 77	80 70	②	.....
FJ6E-600	230	50 60	9000 12000	925 1100	360 380	1.60 1.70	70 72	50 45	③	8.0/400
FJ6D-600	400	50 60	9500 12000	900 1100	450 380	1.15 0.95	70 71	50 40	④	.....

● All electric figures in the data sheet are gotten from natural state. In practical appliance, they can have great changes due to the factor of air pressure, power, current and rotation speed.

● "A" direction of air follow indicates the air blows from Impellers to guard, while "V" Indicates air blows from guard to impellers.

General Specifications

External Rotor fan with 5 blades and protection system is reinforced by guard.

Allowable Ambient Temperature Range: -25℃~+65℃. (unconcretionary)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC500V .

Dielectric Withstanding Voltage: AC1500V at 0.5mA, 50/60Hz

Insulation Isolation Grade: B Protection Grade: IP 44

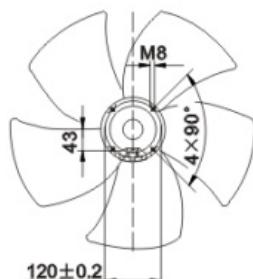
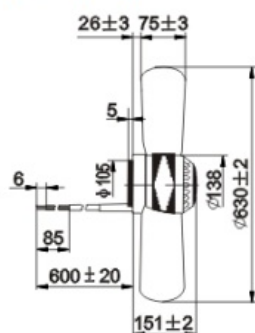
Unit Weight: 14.2Kg



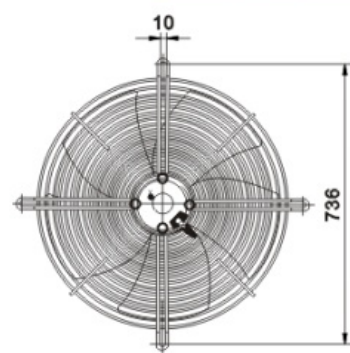
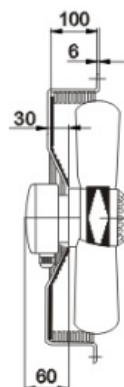
AC Axial Fan

Outline Dimensions

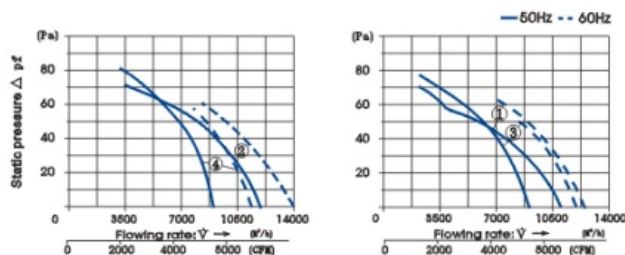
[Units:(mm)]



Dir. of air flow "V" →
"A" →



Characteristic Curves



Material

Fixed Guard: Steel wire is finished with black paint and anti-corrosion treatment.

Impeller: Pressed from metal armor plate, impellers are welded to rotor. Surface is finished by black paint and anti-corrosion treatment.

Bearing Type: Maintain-free NSK ball bearing.

Power Supply Connection: Wire connction or terminal box set.

Type	Nominal Voltage	Frequency	Air Flow	Nominal Speed	Input Power	Current	Noise	Static Pressure	Curve	Capacitor
	V	Hz	m³/h	(min⁻¹)	(W)	(A)	(dB)	(Pa)		μ F/vdb
FJ4E-630	230	50	11000	1280	700	3.10	78	75	①	12.0/400
		60	13500	1500	680	3.00	79	65		
FJ4D-630	400	50	13000	1340	800	2.08	78	70	②	.....
		60	14300	1480	850	2.15	79	60		
FJ6E-630	230	50	9500	925	360	1.65	72	75	③	18.0/400
		60	12800	1100	380	1.70	72	50		
FJ6D-630	400	50	9500	900	450	1.15	73	80	④	.....
		60	12000	1150	360	0.95	74	60		

All electric figures in the data sheet are gotten from natural state. In practical appliance, they can have great changes due to the factor of air pressure, power, current and rotation speed.

"A" direction of air follow indicates the air blows from Impellers to guard, while "V" Indicates air blows from guard to Impellers.

General Specifications

External Rotor fan with 6 blades and protection system is reinforced by guard.

Allowable Ambient Temperature Range: $-25^{\circ}\text{C} \sim +60^{\circ}\text{C}$. (unconcretionary)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC500V .

Dielectric Withstanding Voltage: AC1500V at 0.5mA, 50/60Hz

Insulation Isolation Grade: B Protection Grade: IP 44

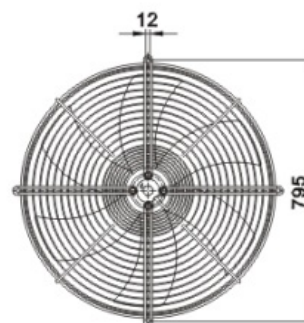
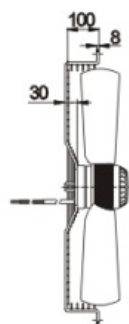
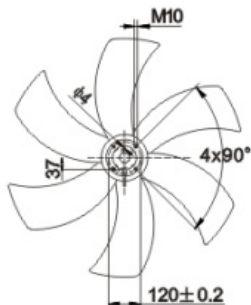
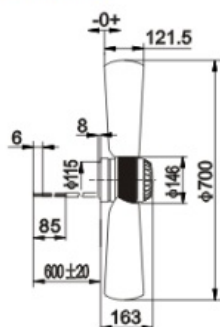
Unit Weight: 18Kg



AC Axial Fan

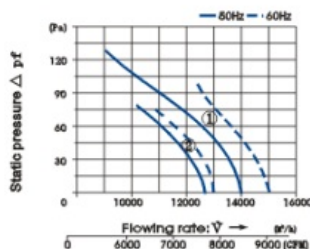
Outline Dimensions

[Units:(mm)]



Dir.of air flow "V" →
"A" →

Characteristic Curves



Material

Fixed Guard: Steel wire is finished with black paint and anti-corrosion treatment.

Impeller: Pressed from metal armor plate, impellers are welded to rotor. Surface is finished by black paint and anti-corrosion treatment.

Bearing Type: Maintain-free NSK ball bearing.

Power Supply Connection: By Wire.

Type	Nominal Voltage	Frequency	Air Flow	Nominal Speed	Input Power	Current	Noise	Static Pressure	Curve	Capacitor
	V	Hz	m³/h (min⁻¹)	(W)	(A)	(dB)	(Pa)			μ F/vdb
FJ6E-700	400	50	14000	900	1100	2.85	75	130	①	.....
		60	15000	1050	1150	2.85	76	100		
FJ8D-700	400	50	12700	680	700	1.85	71	80	②	.....
		60	13000	750	1050	2.65	77	80		

■ All electric figures in the data sheet are gotten from natural state. In practical appliance, they can have great changes due to the factor of air pressure, power, current and rotation speed.

■ "A" direction of air follow indicates the air blows from Impellers to guard, while "V" indicates air blows from guard to impellers.

General Specifications

External Rotor fan with 6 blades and protection system is reinforced by guard.

Allowable Ambient Temperature Range:-25℃~+55℃. (unconcretionary)

Insulation Resistance: Over 100 Mega Ohm tested by a resistor at DC500V .

Dielectric Withstanding Voltage: AC1500V at 0.5mA, 50/60Hz

Insulation Isolation Grade: B Protection Grade: IP 44

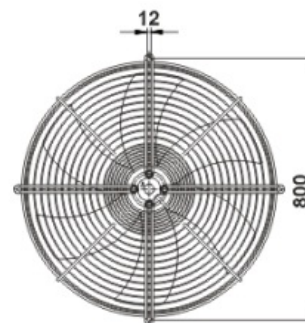
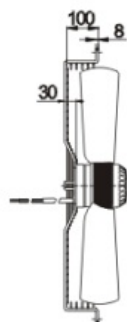
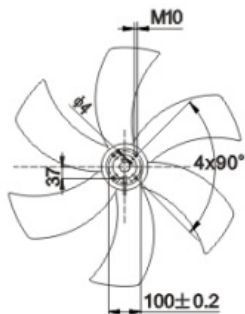
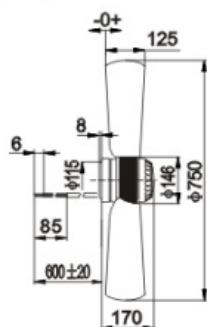
Unit Weight: 20Kg



AC Axial Fan

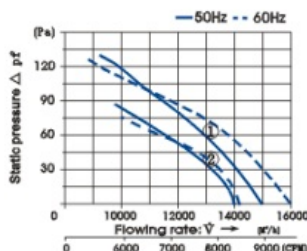
Outline Dimensions

[Units:(mm)]



Dir. of air flow "V" →
"A" →

Characteristic Curves



Material

Fixed Guard: Steel wire is finished with black paint and anti-corrosion treatment.

Impeller: Pressed from metal armor plate, impellers are welded to rotor. Surface is finished by black paint and anti-corrosion treatment.

Bearing Type: Maintain-free NSK ball bearing.

Power Supply Connection: By Wire.

Type	Nominal Voltage	Frequency	Air Flow	Nominal Speed	Input Power	Current	Noise	Static Pressure	Curve	Capacitor
	V	Hz	m³/h	(min⁻¹)	(W)	(A)	(dB)	(Pa)		μ F/vdb
FJ6E-750	400	50	15500	900	1200	3.20	78	130	①	.....
		60	16000	1050	1240	3.30	80	130		
FJ8D-750	400	50	14000	680	930	2.35	75	80	②	.....
		60	14600	760	960	2.50	76	70		

- All electric figures in the data sheet are gotten from natural state. In practical appliance, they can have great changes due to the factor of air pressure, power, current and rotation speed.
- "A" direction of air follow indicates the air blows from Impellers to guard, while "V" indicates air blows from guard to Impellers.

ACCESSORIES LP40 LINE

General Specifications

Finger guards for axial fans conform to EN 294.

Material: Reinforced flame-retardant PA66

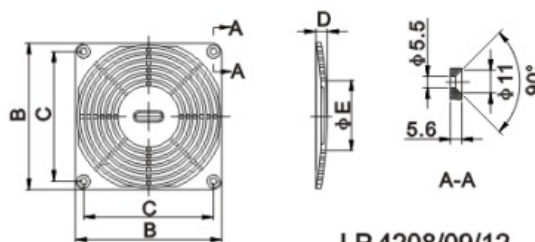
Color: Black



Used for Axial Fan

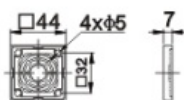
Finger Guards	Fan series
LP4004	FJ4022
LP4006	FJ6022
LP4208	FJ8022
LP4008	FJ9022
LP4209	FJ11022
LP4009	FJ12022
LP4212	FJ13532
LP4012	FJ15052
LP4015	FJ17052
LP4016	FJ23062

Dimensions LP 42...	B	C	D	E
LP4208	80 ^{+0.5}	71.5 ^{+0.2}	7.0	34
LP4209	92.5 ^{+0.5}	82.5 ^{+0.2}	6.5	46
LP4212	119 ^{+0.5}	105 ^{+0.2}	6.5	50

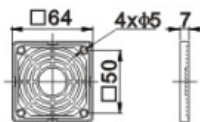


LP 4208/09/12

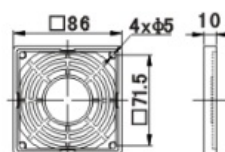
LP4004



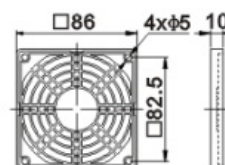
LP4006



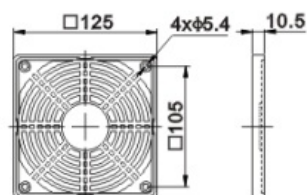
LP4008



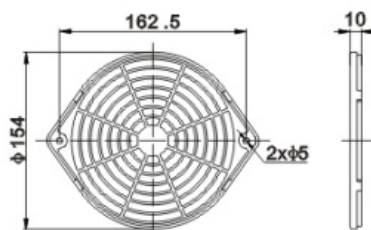
LP4009



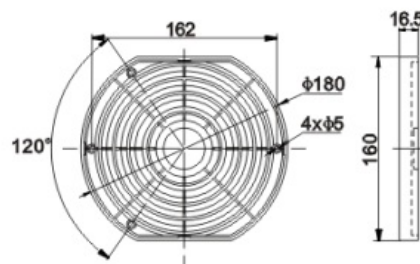
LP4012



LP4016



LP4015



ACCESSORIES LP22 LINE

General Specifications

Finger guards for axial fans conform to EN 294.

Material: Made of metal steel wire by punching and welding.

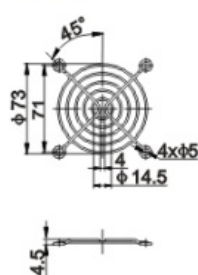
Surface: galvanized, blue chromated



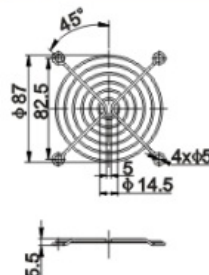
Used for Axial Fan

Finger Guards	Fan series
LP2204	FJ4022
LP2206	FJ6022
LP2208	FJ8022
LP2209	FJ9022
LP2211	FJ11022
LP2212	FJ12022
LP2213	FJ13532
LP2215	FJ15052
LP2217	FJ17052
LP2220	FJ23062

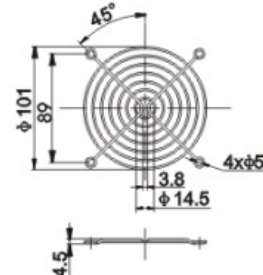
LP2208



LP2209



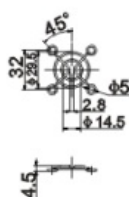
LP22110



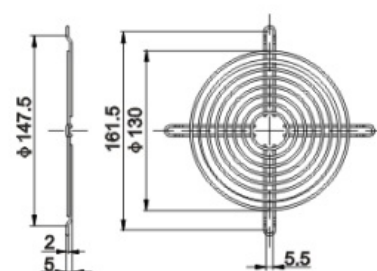
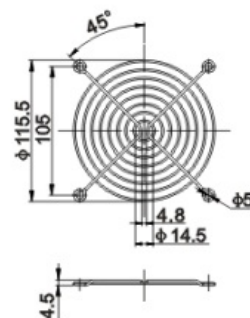
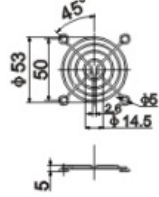
LP2212

LP2213

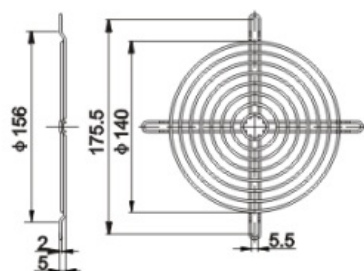
LP2204



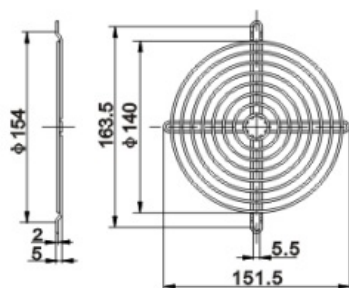
LP2206



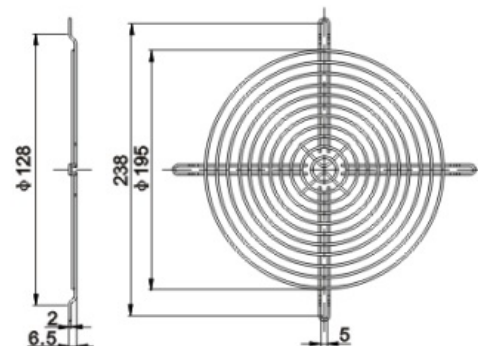
LP2217



LP2215



LP2220





Wenzhou Jason Fan Manufacturer Co.,.LTD

ADD:No. 238 Chengxi Road Yueqing, Zhejiang, China
TEL: (0086) 577-61527008 61527007 FAX: (0086) 577-61521177
<http://www.jasonfan.cn> E-mail: fan@jasonfan.cn