



An OEM & Custom Engineered Manufacturer



SINO AMPLE

Blower Series Product Catalogue

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COMPANY PROFILE

Sino Ample Group LTD is an enterprise with comprehensive strength in researching and developing, producing and export trading. Our main products are metal stamping parts, sheet metal parts, casting, welding assembly parts, deep drawing parts, CNC machined products, motors.

We are committed to the development and continuous improvement of our product quality. We have rich experience and extensive material technology. Our manufacturing processing include punching, stamping, bending, tapping, milling, lathe, welding, assembly, surface treatment: zinc plating, powder coating, heat treatment, nickel plating, chrome plating, electrophoresis, blackening, and more. We currently serve customers in many industrial sectors across the world in the automotive and material handling, food, HVAC, furniture, appliances, renewable energies and construction industries, and are proud to be ISO9001 Certified, assuring strict quality standards and metal part manufacturing practices.



**FL085034Y-02**

Insulation class H

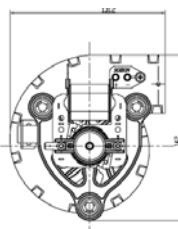
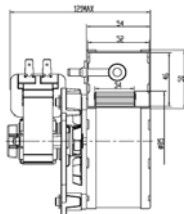
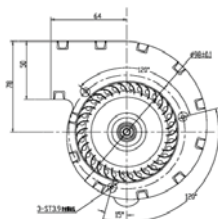
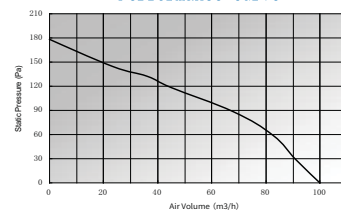
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

Motor anti-vibration mounted

Housing & impeller: aluminized sheet steel

Mounting position must be specified for corresponding support elements.

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL085034Y-02	220	50	35	0.32	2500	100	180



- ① FL097034Y-01
② FL108034Y-03D

Insulation class H

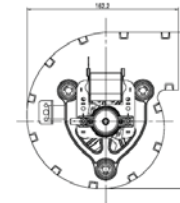
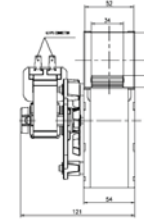
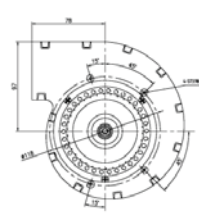
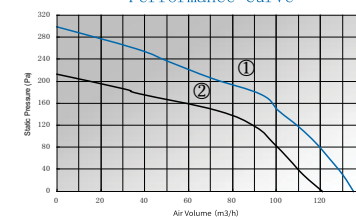
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

Motor anti-vibration mounted

Housing & impeller: aluminized sheet steel

Mounting position must be specified for corresponding support elements.

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)	Diameter A
FL097034Y-01	220	50	35	0.3	2000	120	220	97
FL108034Y-03D	220	50	47	0.43	2000	135	300	108

**FL097034Y-02**

Insulation class H

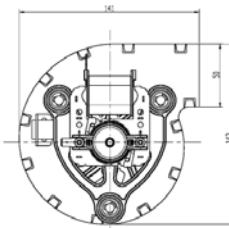
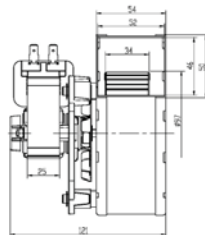
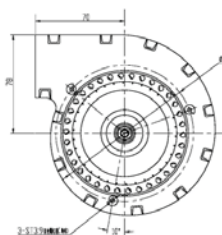
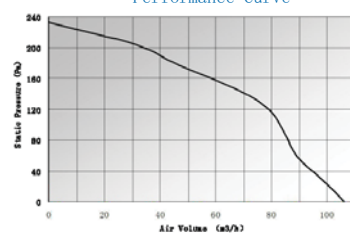
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

Motor anti-vibration mounted

Housing & impeller: aluminized sheet steel

Mounting position must be specified for corresponding support elements.

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL097034Y-02	220	50	32	0.28	2100	105	230

**FL108034Y-12**

Insulation class H

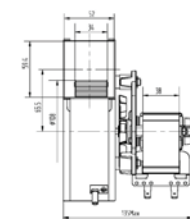
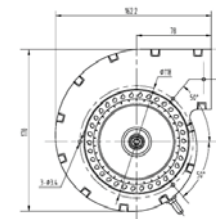
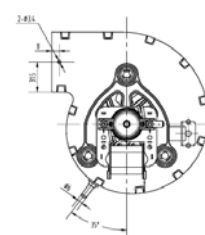
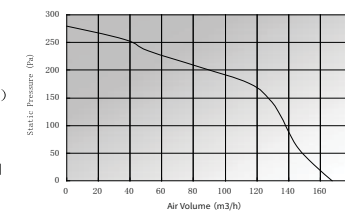
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

Motor anti-vibration mounted

Housing & impeller: aluminized sheet steel

Mounting position must be specified for corresponding support elements.

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL108034Y-12	230	50	60	0.48	2300	167	280

**FL133034Y-01**

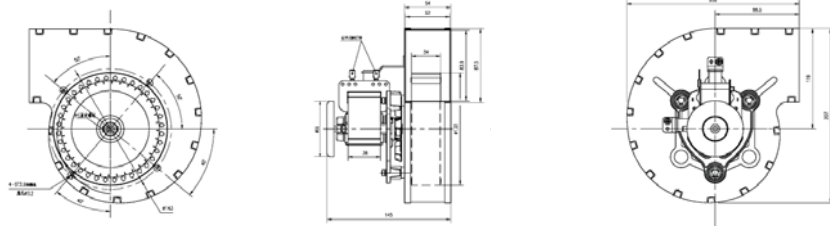
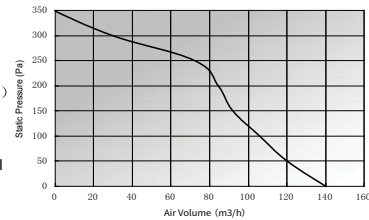
Insulation class H

Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

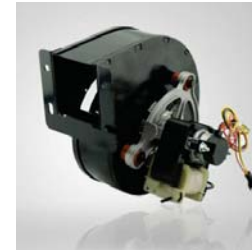
Motor anti-vibration mounted

Housing & impeller: aluminized sheet steel
Mounting position must be specified for corresponding support elements.

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL133034Y-01	220	50	65	0.6	1350	140	350

**FL120034Y-18**

Insulation class H

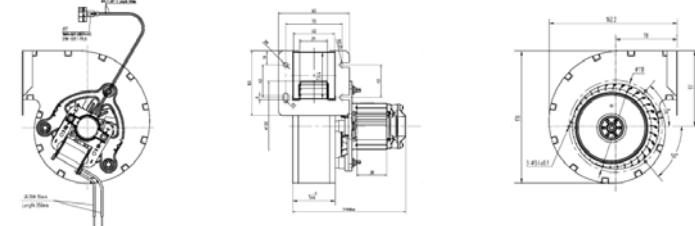
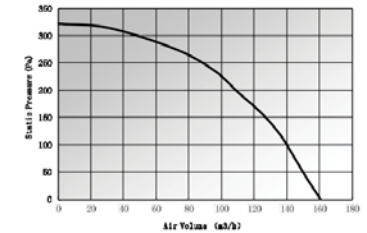
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

Motor anti-vibration mounted

Housing & impeller: black painting

With speed encoder

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL120034Y-18	230	50	70	0.6	2300	160	320

**FL108034Y-56**

Insulation class H

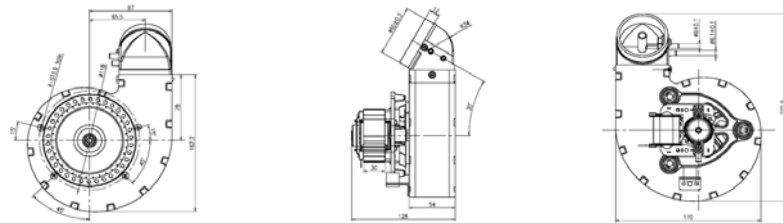
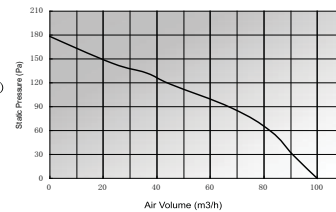
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

Motor anti-vibration mounted

Housing & impeller: aluminized sheet steel

Mounting position must be specified for corresponding support elements.

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL108034Y-56	230	50	43	0.37	2100	110	280

**FL108042Y-53B**

Insulation class H

Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

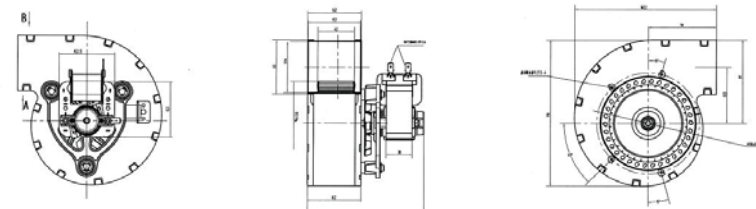
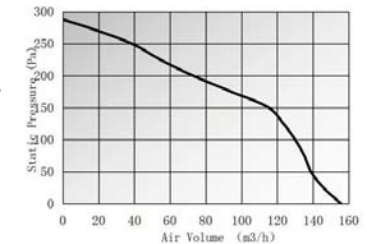
Motor anti-vibration mounted

Housing & impeller: aluminized sheet steel

Mounting position must be specified for corresponding support elements.

With TP

Performance Curve

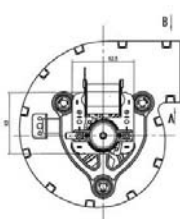
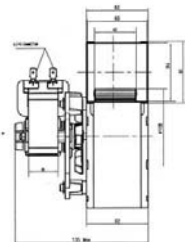
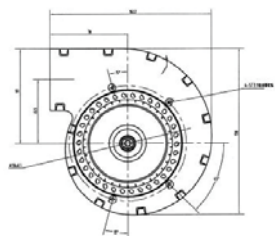
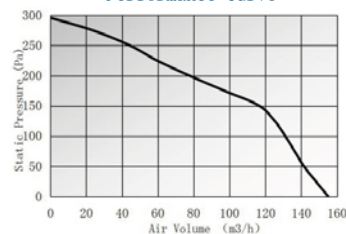


Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL108042Y-53B	230	50	60	0.52	2100	155	290

**FL108042Y-50**

Insulation class H
 Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)
 Motor anti-vibration mounted
 Housing & impeller: aluminized sheet steel
 Housing & impeller: aluminized sheet steel
 With TP

Performance Curve

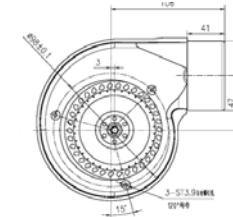
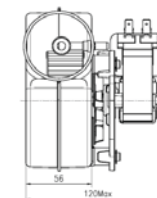
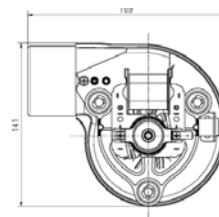
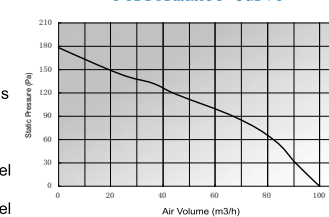


Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL108042Y-53B	230	50	60	0.52	2100	155	190

**FL085034Y-10**

Insulation class H
 Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)
 Motor anti-vibration mounted
 Housing & impeller: aluminized sheet steel
 Housing & impeller: aluminized sheet steel

Performance Curve

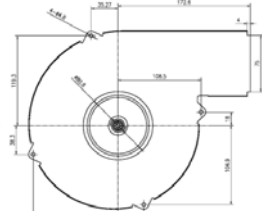
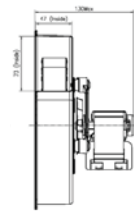
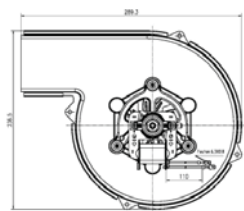
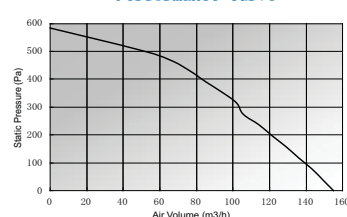


Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL085034Y-10	220	50	30	0.3	2350	98	180

**FL180032Y-02**

Insulation class H
 Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)
 Motor anti-vibration mounted
 Housing & impeller: aluminized sheet steel
 With speed endcoder

Performance Curve

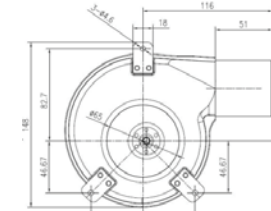
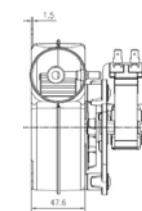
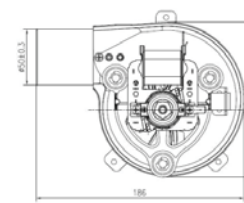
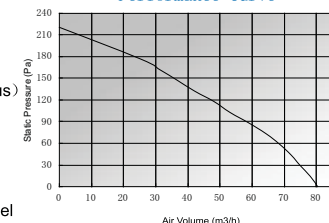


Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL180032Y-02	240	50	75	0.6	2300	118	580

**FL097034Y-18**

Insulation class H
 Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)
 Motor anti-vibration mounted
 Housing : aluminized sheet steel
 Housing & impeller: aluminized sheet steel

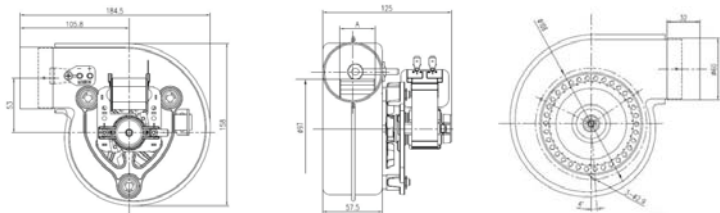
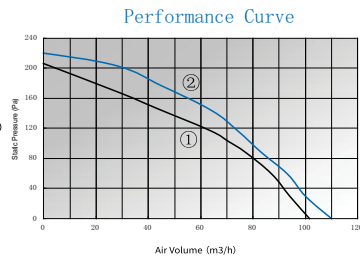
Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL097034Y-18	220	50	32	0.32	2200	80	220



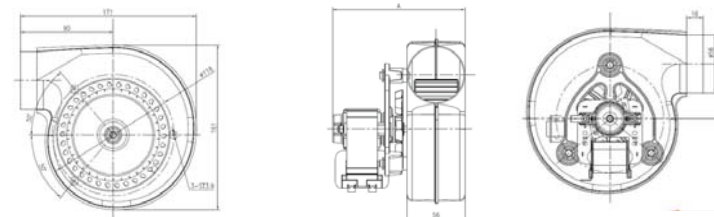
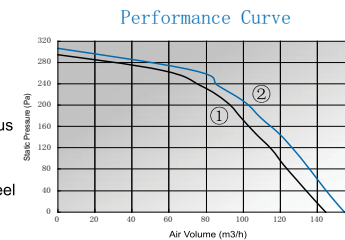
① FL097034Y-03
② FL097042Y-03D
Insulation class H
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)
Motor anti-vibration mounted
Housing & impeller: aluminized sheet steel
Mounting position must be specified for corresponding support elements



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)	Diameter A
FL097034Y-03	220	50	35	0.29	2170	100	205	34
FL097042Y-03D	220	50	35	0.3	2000	108	230	42



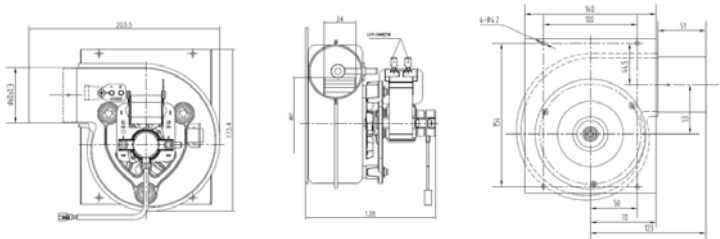
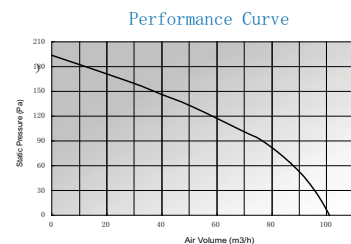
① FL108042Y-18
② FL108042Y-19
Insulation class H
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)
Motor anti-vibration mounted
Housing & impeller: aluminized sheet steel
Mounting position must be specified for corresponding support elements



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)	Diameter A
FL108042Y-18	230	50	53	0.5	2250	144	295	130
FL108042Y-19	230	50	65	0.65	2500	155	305	150



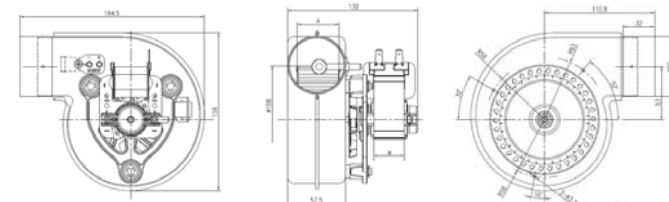
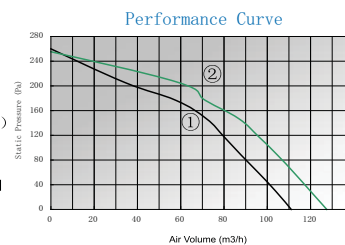
FL097034Y-03BH
Insulation class H
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)
Motor anti-vibration mounted
Housing & impeller: aluminized sheet steel
Mounting position must be specified for corresponding support elements.
With speed encoder



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL097034Y-03BH	220	50	35	0.3	1850	100	200



① FL108034Y-02
② FL108042Y-06
Insulation class H
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)
Motor anti-vibration mounted
Housing & impeller: aluminized sheet steel
Mounting position must be specified for corresponding support elements



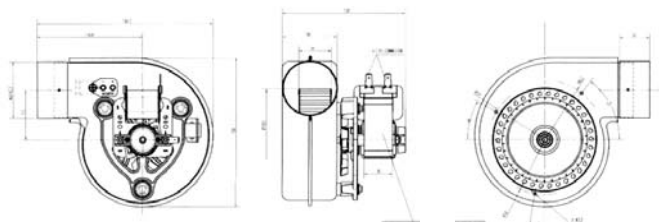
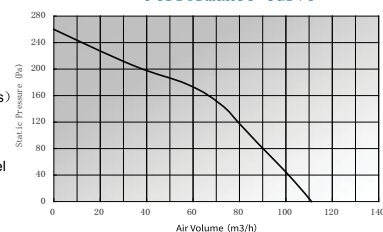
Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)	Diameter A
FL108034Y-02	220	50	35	0.3	2000	110	260	34
FL108042Y-06	220	50	47	0.43	2000	130	260	42



FL108034Y-02B

Insulation class H
 Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)
 Motor anti-vibration mounted
 Housing & impeller: aluminized sheet steel
 Mounting position must be specified for corresponding support elements

Performance Curve



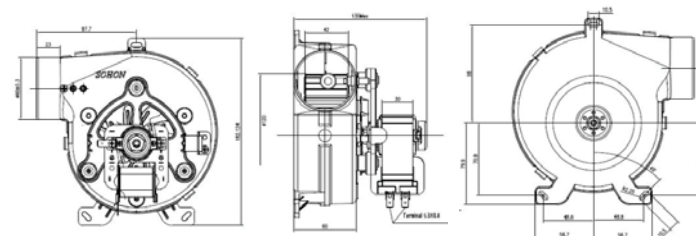
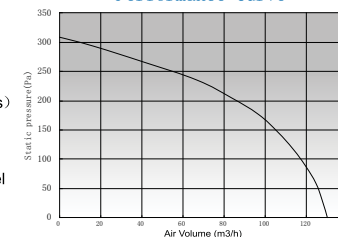
Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)	Diameter A
FL108034Y-02B	220	50	35	0.3	2200	110	260	34



FL120042Y-16B

Insulation class H
 Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)
 Motor anti-vibration mounted
 Housing & impeller: aluminized sheet steel

Performance Curve



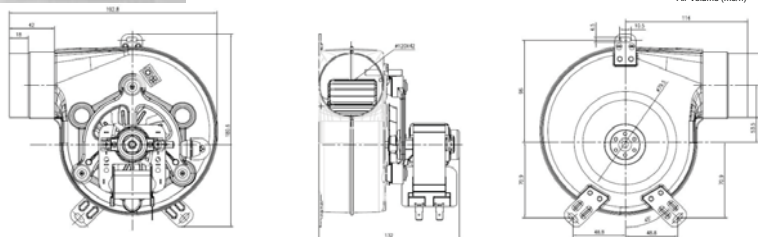
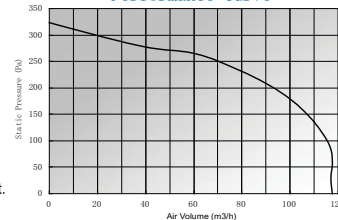
Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL120042Y-16B	220	50	47	0.4	1890	130	308



FL120042Y-04

Insulation class H
 Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)
 Motor anti-vibration mounted
 Housing & impeller: aluminized sheet steel
 Mounting position: Vertical installation to support.

Performance Curve



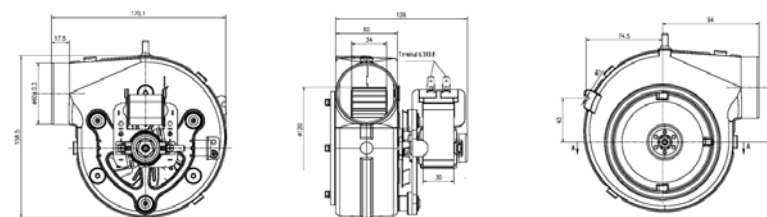
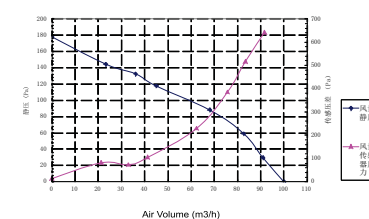
Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL120042Y-04	220	50	53	0.48	1450	117	320



FL120034Y-06

Insulation class H
 Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)
 Motor anti-vibration mounted
 Housing & impeller: aluminized sheet steel

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL120034Y-06	220	50	47	0.4	1500	110	280

**FL108034Y-58**

Insulation class H

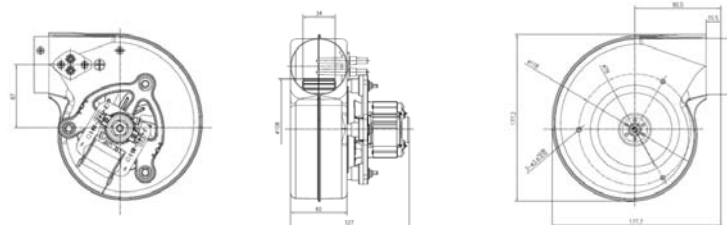
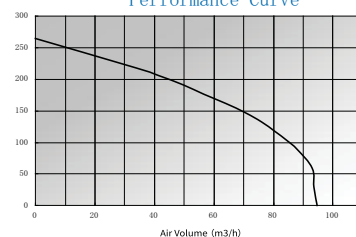
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

Motor anti-vibration mounted

Housing & impeller: aluminized sheet steel

Mounting position must be specified for corresponding support elements.

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m ³ /h)	Static Pressure (Pa)
FL108034Y-58	230	50	33	0.28	1300	95	265

**FL108042Y-13**

Insulation class H

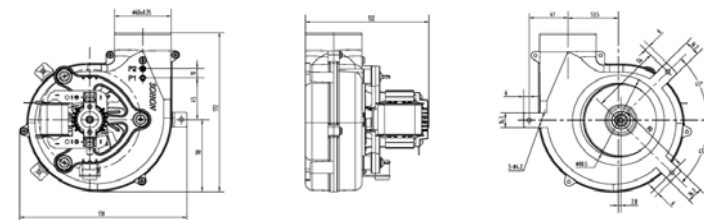
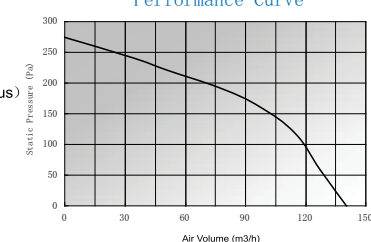
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

Motor anti-vibration mounted

Housing: aluminum casting

Mounting position must be specified for corresponding support elements.

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m ³ /h)	Static Pressure (Pa)
FL108042Y-13	230	50	55	0.48	2100	140	275

**FL108034Y-08**

Insulation class H

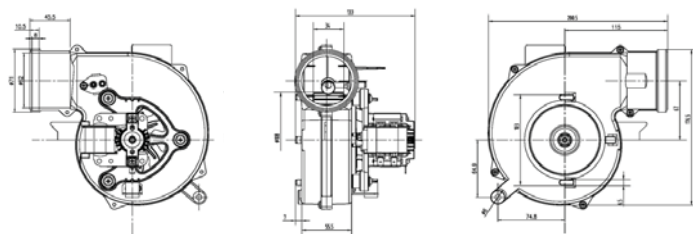
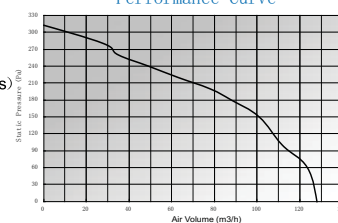
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

Motor anti-vibration mounted

Housing: Aluminum casting

Mounting position must be specified for corresponding support elements.

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m ³ /h)	Static Pressure (Pa)
FL108034Y-08	230	50	53	0.49	2450	128	318

**FL108042Y-60**

Insulation class H

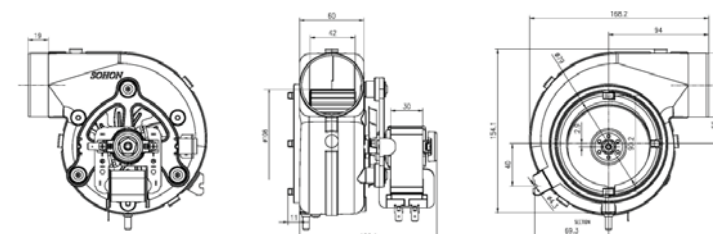
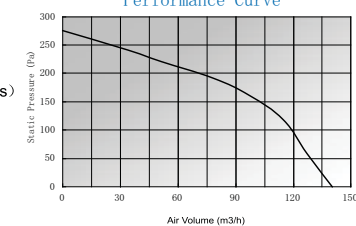
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

Motor anti-vibration mounted

Housing: aluminum casting

Mounting position must be specified for corresponding support elements.

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m ³ /h)	Static Pressure (Pa)
FL108042Y-60	230	50	55	0.48	2100	140	275



FL108042Y-80

Insulation class H

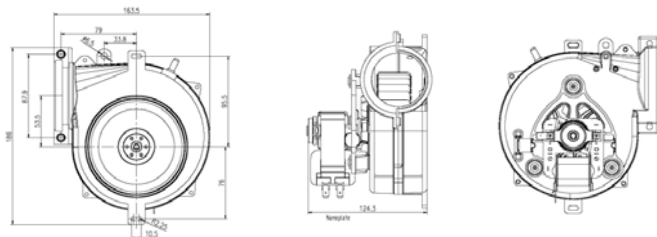
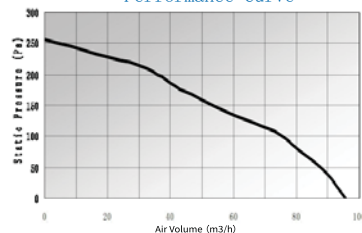
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

Motor anti-vibration mounted

Housing: aluminum casting

Mounting position must be specified for corresponding support elements.

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m ³ /h)	Static Pressure (Pa)
FL108042Y-80	230	50	37	0.33	1600	95	190



① FL120042Y-13B ② FL120042Y-13C

Insulation class H

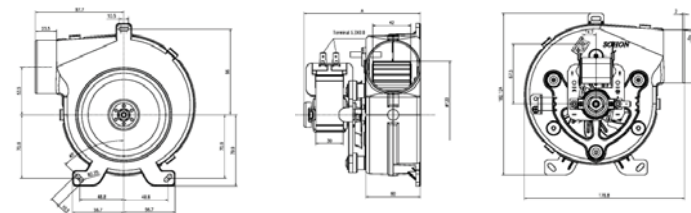
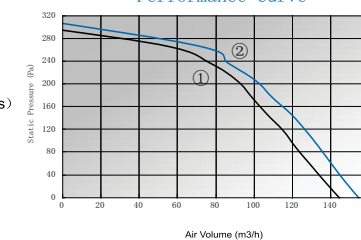
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

Motor anti-vibration mounted

Housing: aluminum casting

Mounting position must be specified for corresponding support elements.

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m ³ /h)	Static Pressure (Pa)	Diameter A
FL120042Y-13B	230	50	60	0.42	1650	130	295	130
FL120042Y-13C	230	50	39	0.35	1400	100	280	125



① FL108042Y-23 ② FL108042Y-24

Insulation class H

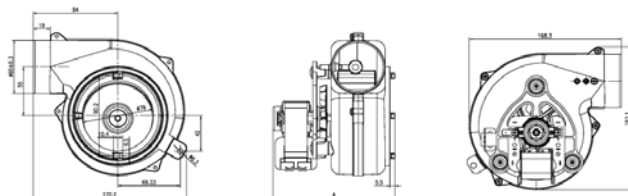
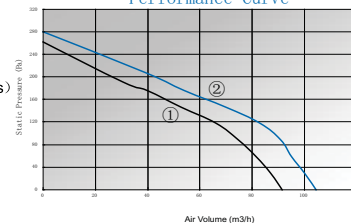
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

Motor anti-vibration mounted

Housing: aluminum casting

Mounting position must be specified for corresponding support elements.

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m ³ /h)	Static Pressure (Pa)	Diameter A
FL108042Y-23	230	50	35	0.33	1350	104	280	132
FL108042Y-24	230	50	35	0.3	1400	91	264	137



FL120042Y-16

Insulation class H

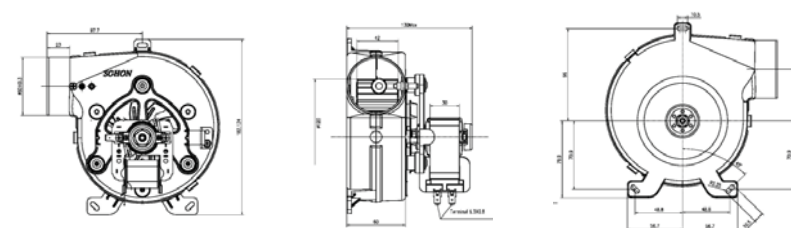
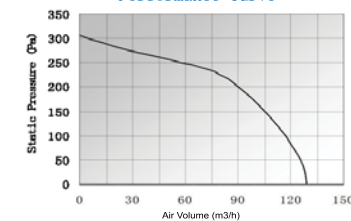
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

Motor anti-vibration mounted

Housing: aluminum casting

Mounting position must be specified for corresponding support elements.

Performance Curve

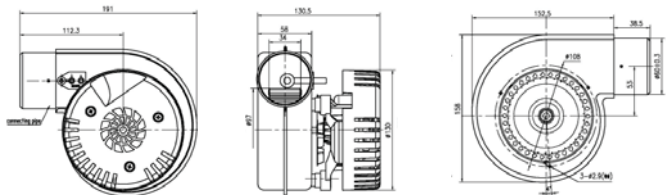
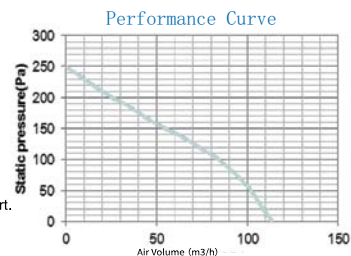


Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m ³ /h)	Static Pressure (Pa)
FL120042Y-16	220	50	56	0.5	1800	130	305



FL097034D-01/02/03

Insulation class F;
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)
Motor anti-vibration mounted;
EC Motor;
Housing & impeller: aluminized sheet steel;
Mounting position: Vertical installation to support.

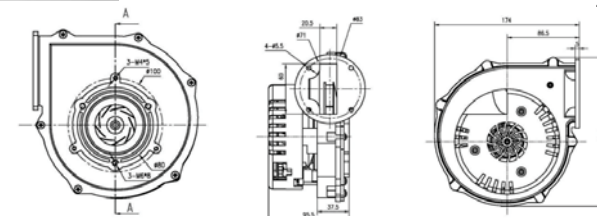
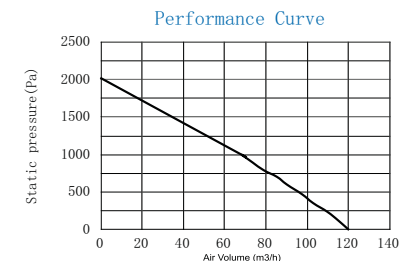


Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL097034D-01	24	—	20	0.85	3000	110	240
FL097034D-02	12	—	20	1.7	3000	110	240
FL097034D-03	230	50	20	0.2	3000	115	250



FL130021D-01/02/03

Die-cast aluminum housing;
Anti-spark plastic impeller;
Motor anti-vibration mounted.
In .class F;
PWM for speed control

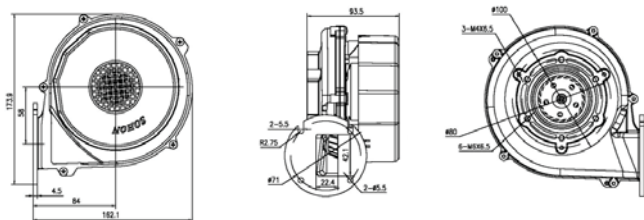
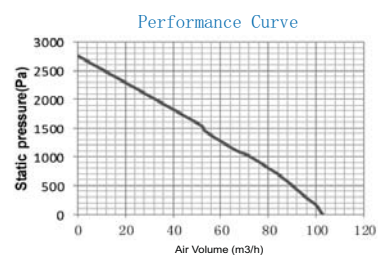


Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL1300 21D-01	24DC	—	48	2	8200	120	2000
FL1300 21D-02	12DC	—	48	4	8200	120	2000
FL1300 21D-03	230AC	50	54	0.46	8500	125	2500



FL118020D-01

Die-cast aluminum housing;
Conductive plastic impeller;
EC Motor;
Motor anti-vibration mounted.
Ball bearing on two sides;
In .class F;
Mounting position: Vertical installation to support.

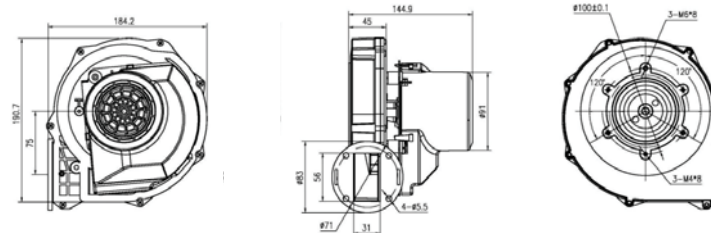
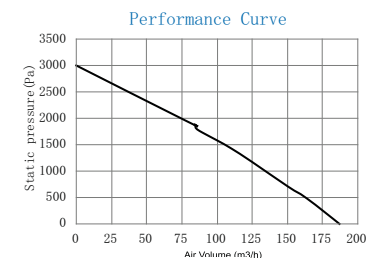


Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL 118020D-01	230	50	68	0.51	9300	102	2700



FL148029D-01B

Die-cast aluminum housing;
Anti-spark plastic impeller;
Motor anti-vibration mounted.
In .class F;
PWM for speed control



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL1480 29D-01B	230	50	130	0.9	8400	190	3000



FL108042D-01

Insulation class F;

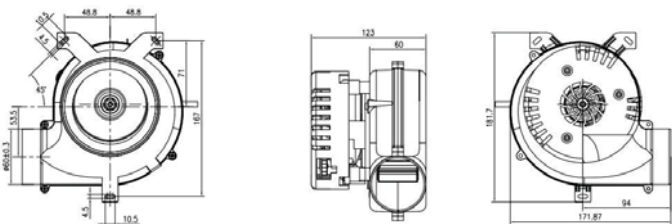
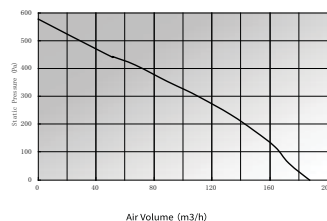
Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

Motor anti-vibration mounted;

EC Motor with PWM speed control

Housing & impeller: aluminized sheet steel;

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL108042D-01	24DC	—	42	1.7	3700	180	580



FL148029D-01

Die-cast aluminum housing;

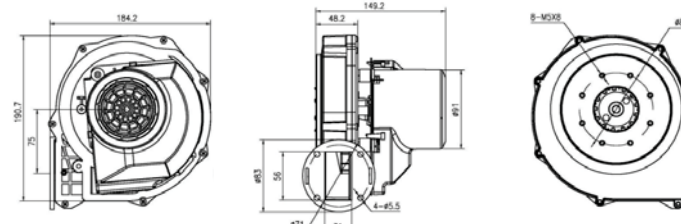
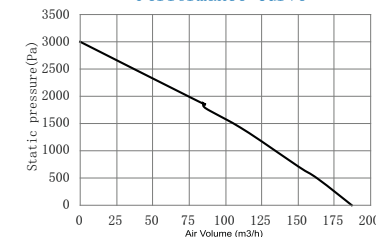
Anti-spark plastic impeller;

Motor anti-vibration mounted.

In class F;

PWM for speed control

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL148029D-01	230	50	130	0.9	8400	190	3000



FL150020 Y-01

Insulation class H

Flue temperature: $\leq 250^{\circ}\text{C}$

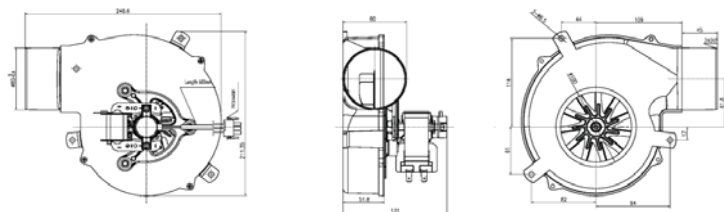
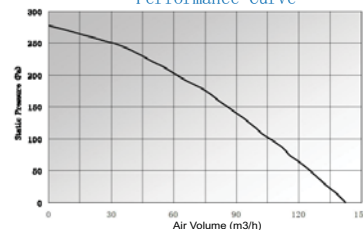
Motor anti-vibration mounted

Housing & impeller: Aluminum Casting & stainless steel

Mounting position must be specified for corresponding support elements.

With speed encoder

Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL150020Y-01	230	50	50	0.47	2500	145	145



FL150020D-01/02/03

Insulation class F;

Flue temperature: $\leq 180^{\circ}\text{C}$ (continuous)
 $\leq 240^{\circ}\text{C}$ (instantaneous)

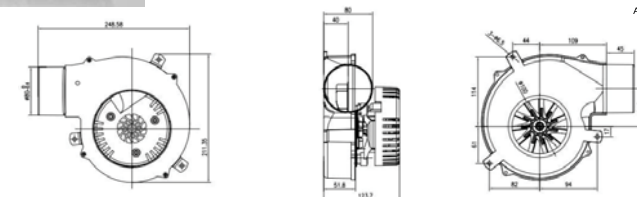
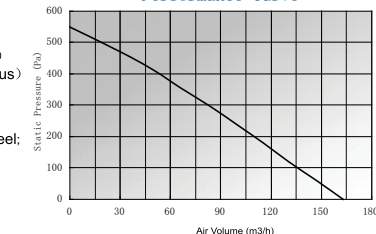
Motor anti-vibration mounted;

EC Motor;

Housing & impeller: aluminized sheet steel;

Mounting position: Vertical installation to support.

Performance Curve

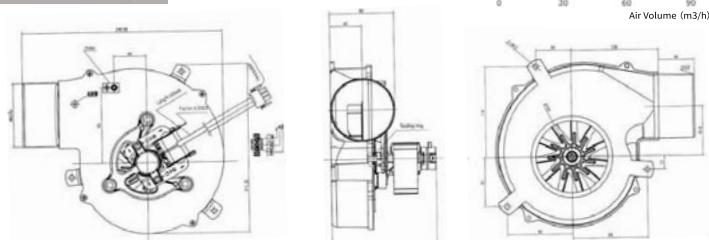
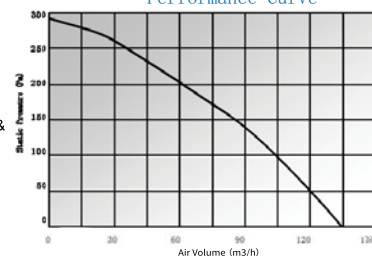


Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Static Pressure (Pa)
FL150020D-01	230	50	40	0.35	4000	160	540
FL150020D-02	12	—	42	3.52	4000	160	540
FL150020D-03	24	—	41	1.7	4000	160	540



FL150020Y-05
 Insulation class H
 Flue temperature: $\leq 250^{\circ}\text{C}$
 Motor anti-vibration mounted
 Housing & impeller: Aluminum Casting & stainless steel
 Mounting position must be specified for corresponding support elements.
 With speed encoder

Performance Curve

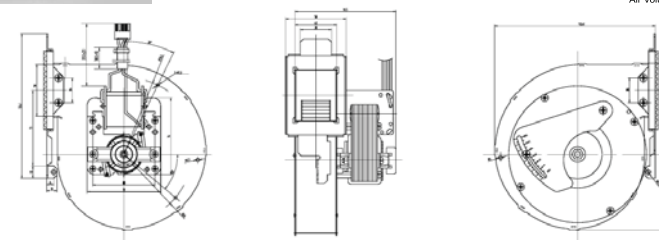
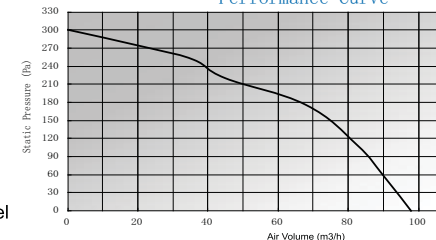


Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m ³ /h)	StaticPressure (Pa)
FL 150020Y-05	230	50	50	0.5	2450	292	134



FL117028Y-02
 Insulation class F
 Both of ball bearings
 Adjusting air volume
 3 speeds
 Housing & impeller: galvanizing sheet steel

Performance Curve

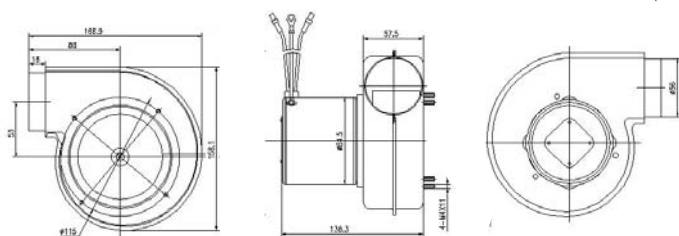
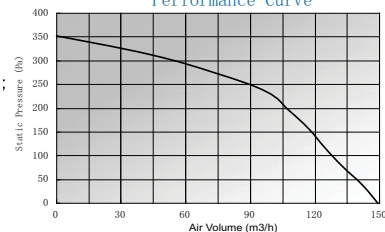


Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m ³ /h)	StaticPressure (Pa)
FL117028Y-02	220	50	55	0.4	2450/1350/1050	100	300



FL097042Y-28
 Insulation class B;
 Motor anti-vibration mounted;
 Ball bearings;
 Thermally protected;
 UL approved;

Performance Curve

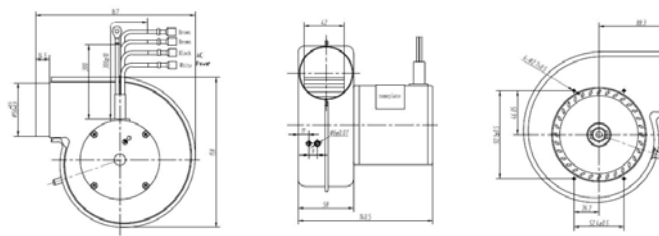
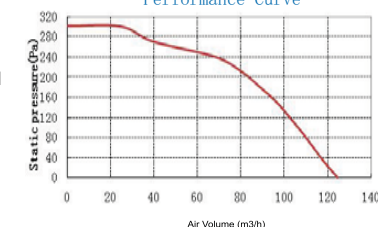


Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m ³ /h)	StaticPressure (Pa)
FL 097042Y-28	115	60	66	0.9	2600	150	350



FL097034Y-28C
 Aluminized sheet steel housing;
 Impeller ; aluminized sheet steel
 AC motor;
 Ball bearing on two sides;
 class B;

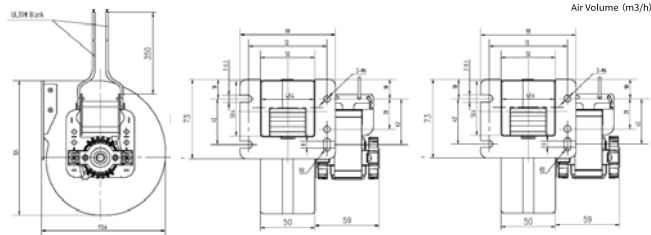
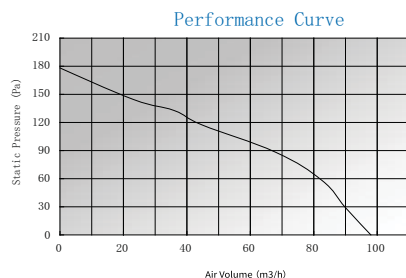
Performance Curve



Mode	Voltage (V)	Frequency (Hz)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m ³ /h)	StaticPressure (Pa)
FL 097042Y-28C	115	60	45	0.40	3100	125	301



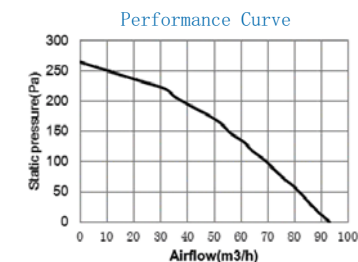
FL085034Y-01D
Insulation class F
Both of ball bearings
Long life
Housing : Black painting



Mode	Voltage (V)	Frequency (H)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m3/h)	StaticPressure (Pa)
FL085034Y-01D	220	50	34	0.3	2500	100	180



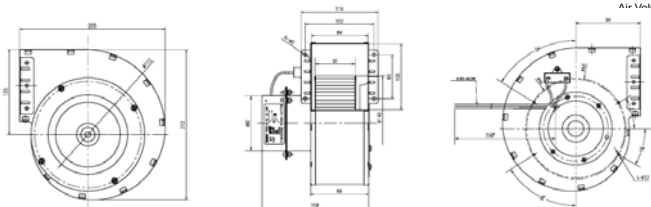
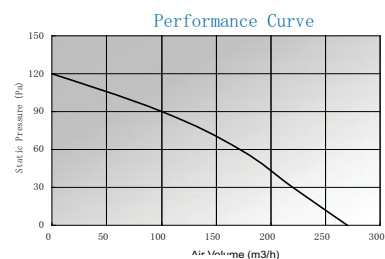
FL133046Y-05
Die-cast aluminum housing;
Impeller ; aluminized sheet steel
AC motor;
Ball bearing on two sides;
In .class F;



Mode	Voltage (V)	Frequency (H)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m3/h)	StaticPressure (Pa)
FL 133046Y-05	230	50	41	0.19	2500	95	270



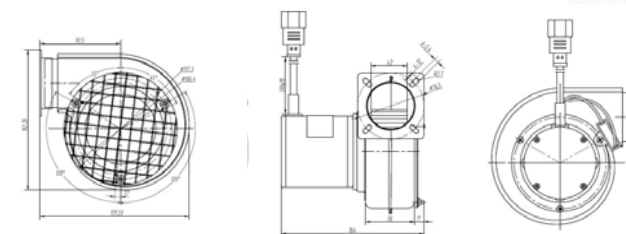
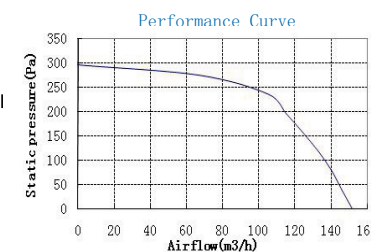
FL140060Y-01
Insulation class B
Both of ball bearings
Long life
Housing : Black painting



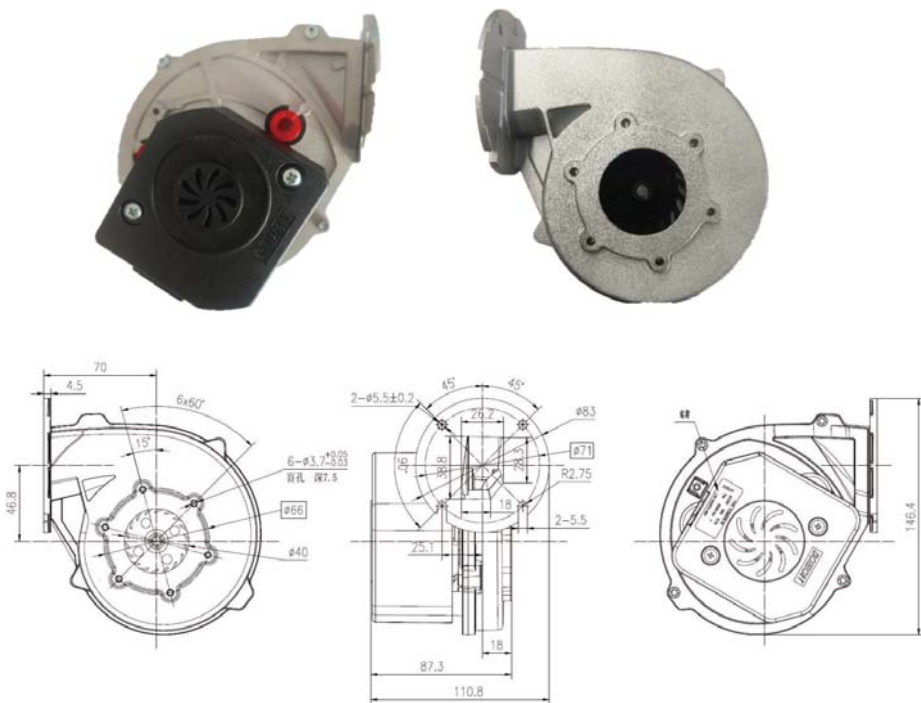
Mode	Voltage (V)	Frequency (H)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m3/h)	StaticPressure (Pa)
FL 140060Y-01	100	50	34	0.34	1000	270	120
FL120042Y-13C	220	50	34	0.18	1000	270	120



FL097034Y-28B
Aluminized sheet steel housing;
Impeller ; aluminized sheet steel
AC motor;
Ball bearing on two sides;
class B;



Mode	Voltage (V)	Frequency (H)	Input power (W)	Current (A)	Speed (RPM)	Air Volume (m3/h)	StaticPressure (Pa)
FL 097042Y-28B	115	60	12	0.29	3150	152	296



Application

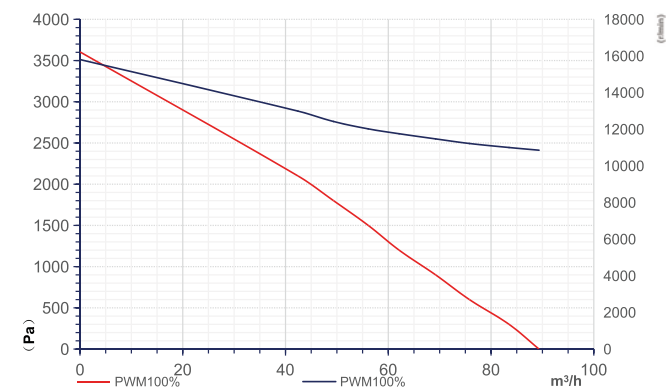
- Air Purifier
- Recommended range: ≤35KW

Features

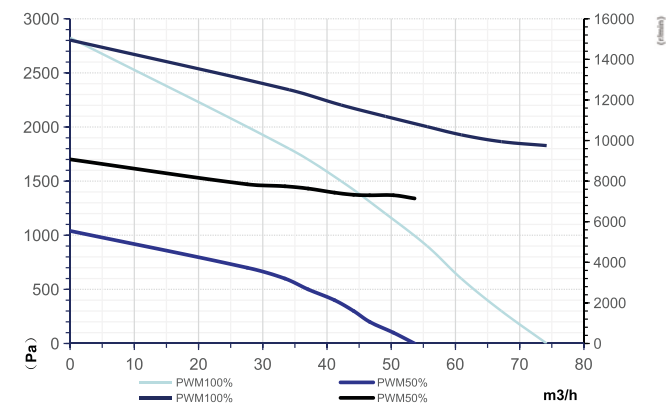
- PWM Programmable Speed
- Low Voltage, Over Voltage, Over Heat, Over Current Protection
- Class F Insulation
- CGAC, CE Recognized
- Motor anti-vibration mounted

The Outline and Dimensions

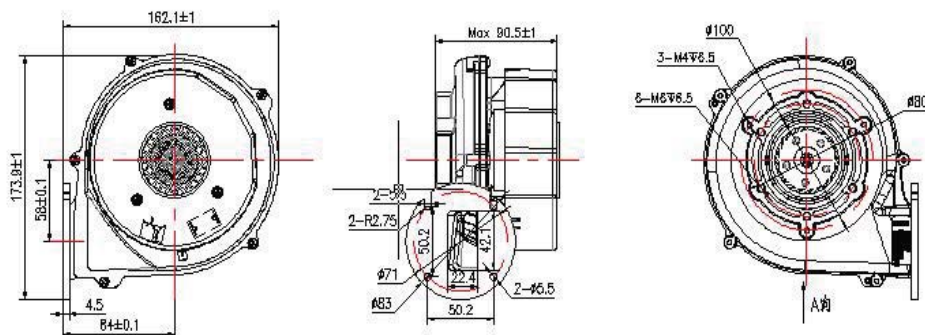
No.	(Model)	Voltage (V)	Input power (W)	Current (A)	Air Volume (m³/h)	Static pressure (Pa)
1	FL080020D-03	24V	58	2.4	80	3000



No.	(Model)	Voltage (V)	Input power (W)	Current (A)	Air Volume (m³/h)	Static pressure (Pa)
1	FL080020D-08	220V	75	0.57	85	3600



D118 Series BLDC Fan



Application

- Air Purifier & Commercial cooking stove
- Recommended range: ≤40KW

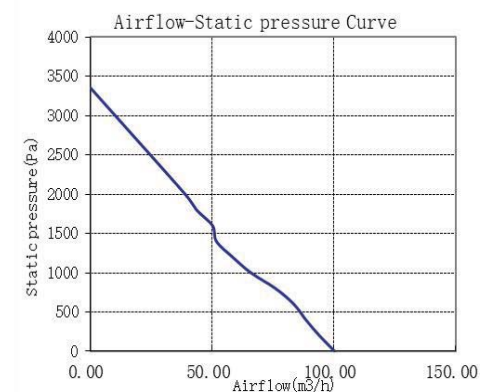
Features

- PWM Programmable Speed
- Low Voltage, Over Voltage, Over Heat, Over Current Protection
- Class F Insulation
- CGAC, CE Recognized
- Motor anti-vibration mounted

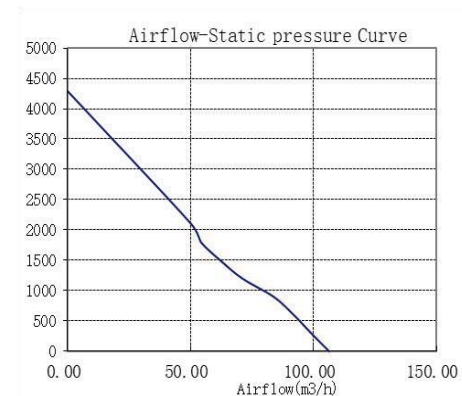
D118 Series BLDC Fan

The Outline and Dimensions

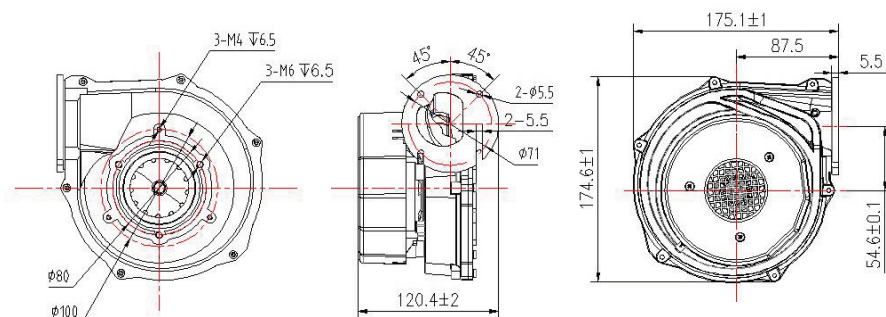
No.	(Model)	Voltage (V)	Input power (W)	Current (A)	Air Volume (m³/h)	Static pressure (Pa)
1	FL118020D-01	230	70	0.534	102	3400



No.	(Model)	Voltage (V)	Input power (W)	Current (A)	Air Volume (m³/h)	Static pressure (Pa)
1	FL118020D-06B	230	108	0.734	110	4200



D128 Series BLDC Fan



Application

- Air Purifier & Medical equipment
- Recommended range: ≤45KW

Features

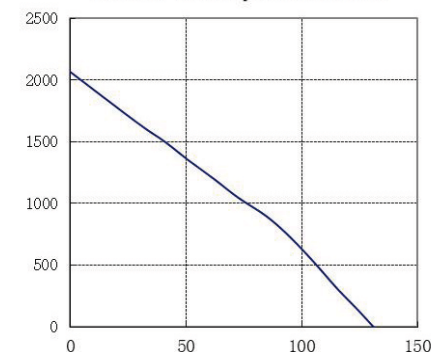
- PWM Programmable Speed
- Low Voltage, Over Voltage, Over Heat, Over Current Protection
- Class F Insulation
- CGAC, CE Recognized
- Motor anti-vibration mounted

D128 Series BLDC Fan

The Outline and Dimensions

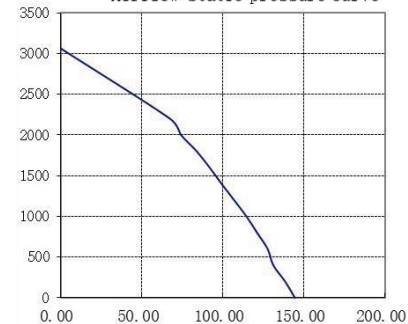
No.	(Model)	Voltage (V)	Input power (W)	Current (A)	Air Volume (m³/h)	Static pressure (Pa)
1	FL128028D-01	230	70	0.508	130	2100

Airflow-Static pressure Curve

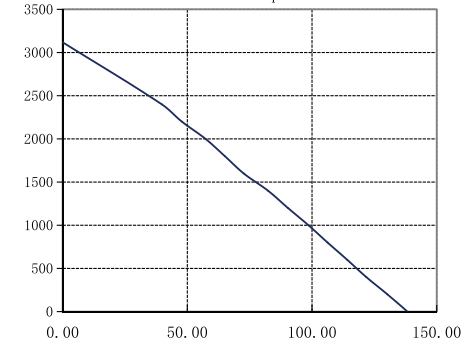


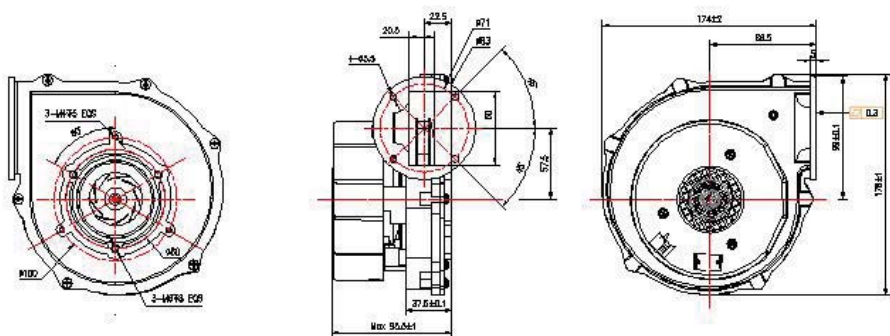
No.	(Model)	Voltage (V)	Input power (W)	Current (A)	Air Volume (m³/h)	Static pressure (Pa)
1	FL128028D-03	115	95	1.255	145	3000
2	FL128028D-04	230	78	0.564	138	3100

Airflow-Static pressure Curve



Airflow-Static pressure Curve





Application

- Air Purifier
- Recommended range: ≤50KW

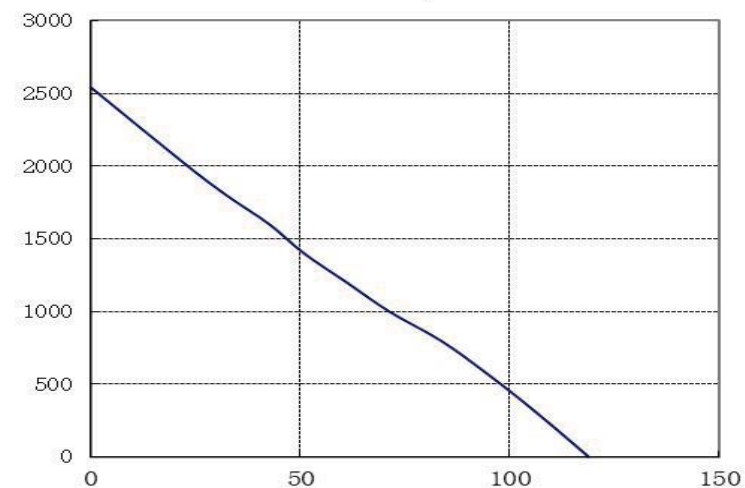
Features

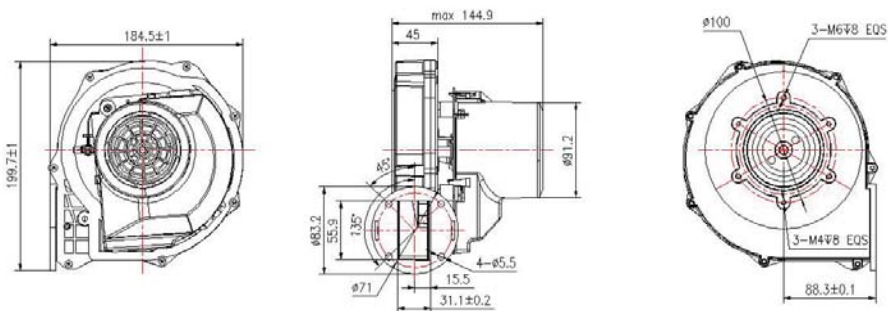
- PWM Programmable Speed
- Low Voltage, Over Voltage, Over Heat, Over Current Protection
- Class F Insulation
- CGAC, CE Recognized
- Motor anti-vibration mounted

The Outline and Dimensions

No.	(Model)	Voltage (V)	Input power (W)	Current (A)	Air Volume (m³/h)	Static pressure (Pa)
1	FL130021D-01	24	40	1.7	110	1900
2	FL130021D-03	230	55	0.463	125	2500

Airflow-Static pressure Curve





Application

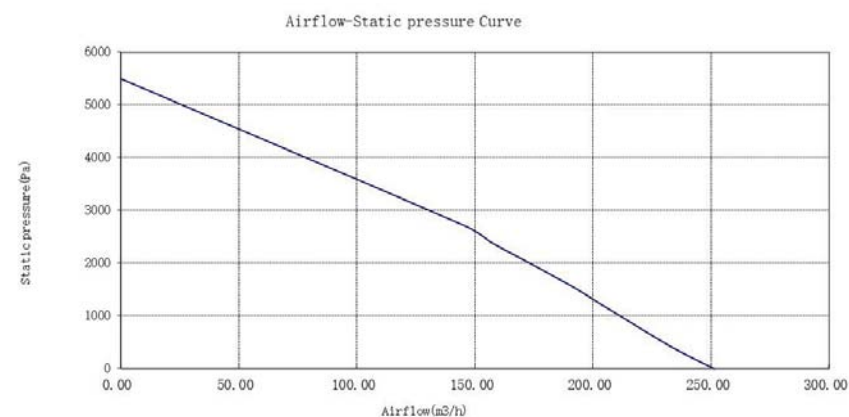
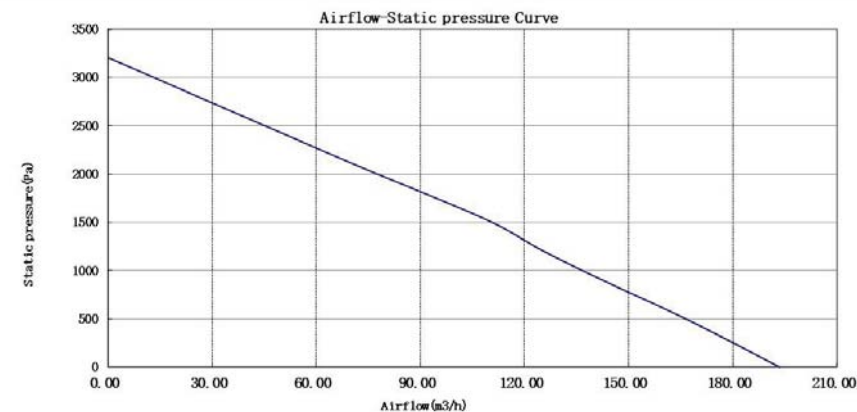
- Air Purifier & Commercial cooking stove
- Recommended range: ≤150KW

Features

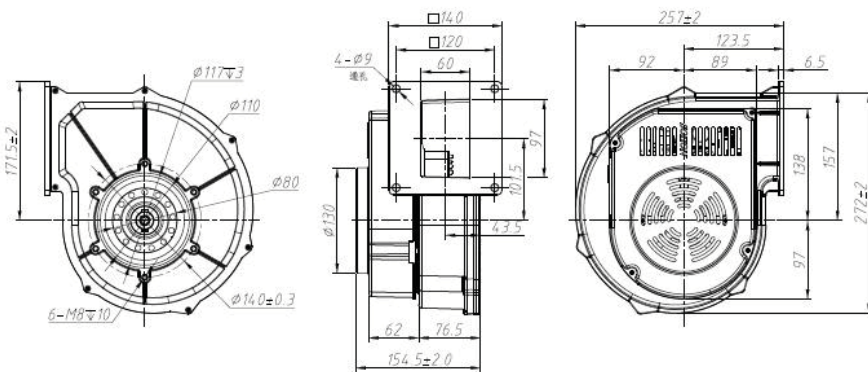
- PWM Programmable Speed
- Low Voltage, Over Voltage, Over Heat, Over Current Protection
- Class F Insulation
- CGAC, CE Recognized
- Motor anti-vibration mounted

The Outline and Dimensions

No.	(Model)	Voltage (V)	Input power (W)	Current (A)	Air Volume (m³/h)	Static pressure (Pa)
1	FL148029D-01B	230	130	0.883	190	3200
2	FL148029D-05	230	200	1.382	210	3600
3	FL148029D-06B	230	320	2.017	250	5400



D170 Series BLDC Fan



Application

- Air Purifier
- Recommended range: $\leq 350\text{KW}$

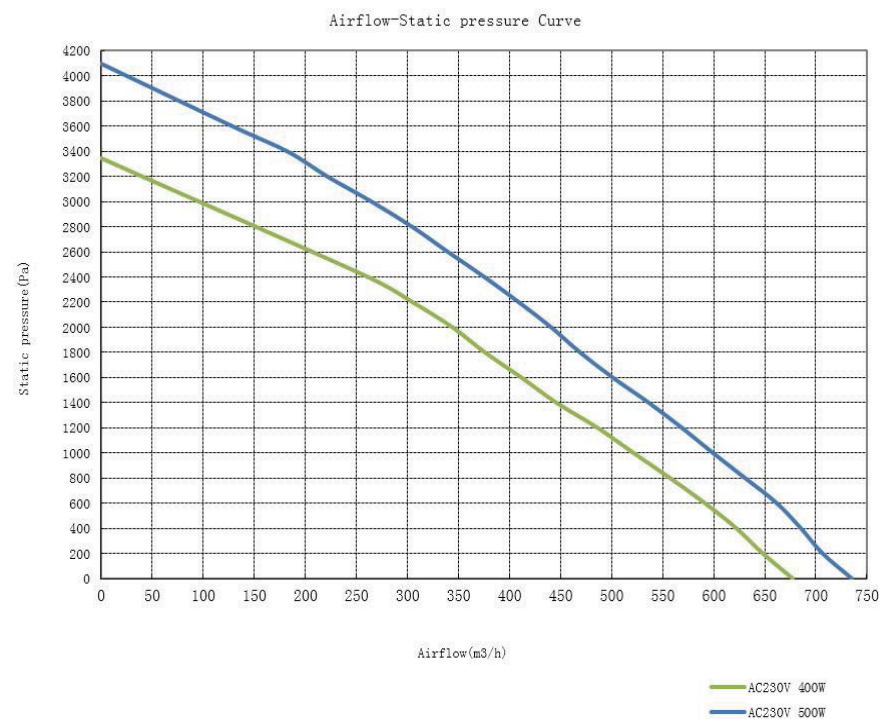
Features

- PWM Programmable Speed
- Low Voltage, Over Voltage, Over Heat, Over Current Protection
- Class F Insulation
- CGAC, CE Recognized
- Motor anti-vibration mounted

D170 Series BLDC Fan

The Outline and Dimensions

No.	(Model)	Voltage (V)	Input power (W)	Current (A)	Air Volume (m³/h)	Static pressure (Pa)
1	FL170032D-02	230	450	2.8	710	3350
2	FL170032D-04	230	550	3.4	770	4300
3	FL170032D-06	120	450	5.5	710	3350
4	FL170032D-08	120	550	6.6	770	4300



SINO AMPLE



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