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Ningbo Longwell Electric Technology Co., Ltd

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Email: sales@zjlongwell.com

CE RoHS compliant BSCI ISO EAC UL LVD

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LONGWELL TECHNOLOGY

The Ventilation and Drive Technology Partner for Mission-Critical Environments







Professional Manufacturer of HVACR Fan & Motors

—— AC Gas Blower

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

Type Code

LW G A 77 S - 01

- 01 — Series Number
- S — T-380V S-230V U-115V L-12V M-24V H-48V
- 77 — Diameter Of blades
- A — A-AC D-DC E-EC
- G — G-Gas Blower
- LW — Longwell

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AC Gas Blower

Professional HVAC Fan &Motors Manufacturer



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LWGA085 Series

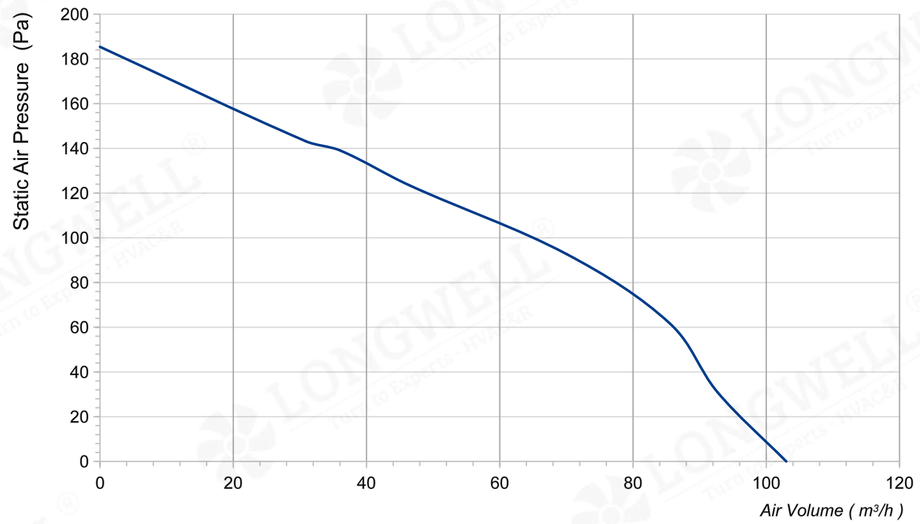
Product Characteristic



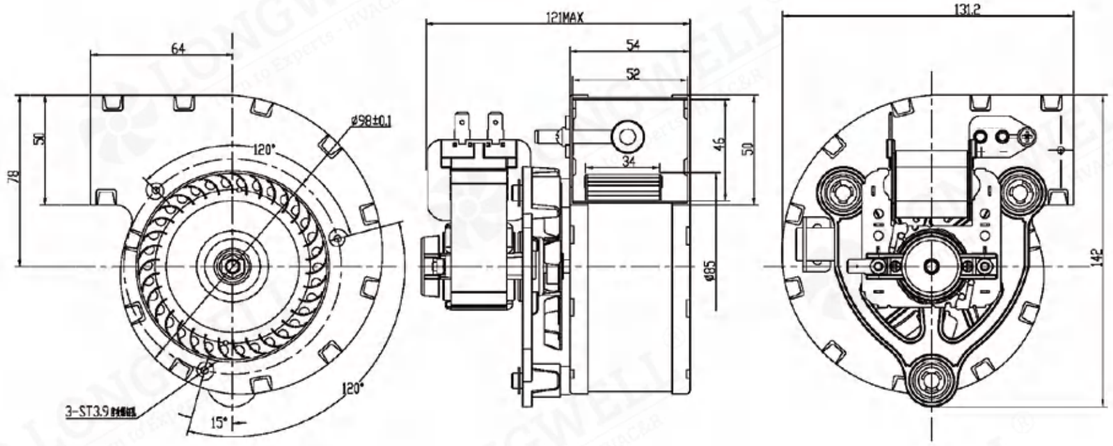
- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Air Pressure (Pa)
LWGA085S-01	220	50	35	0.32	2500	103	185



Product Drawing (mm)



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LWGA085 Series

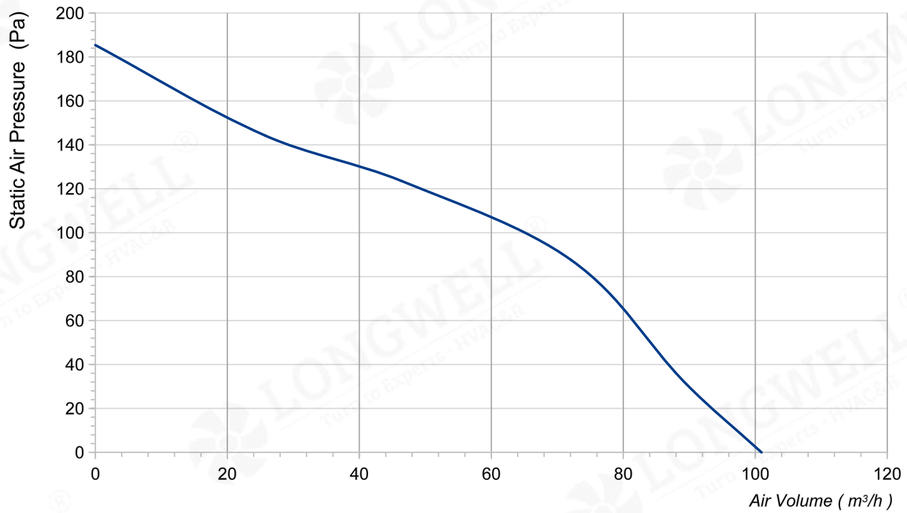
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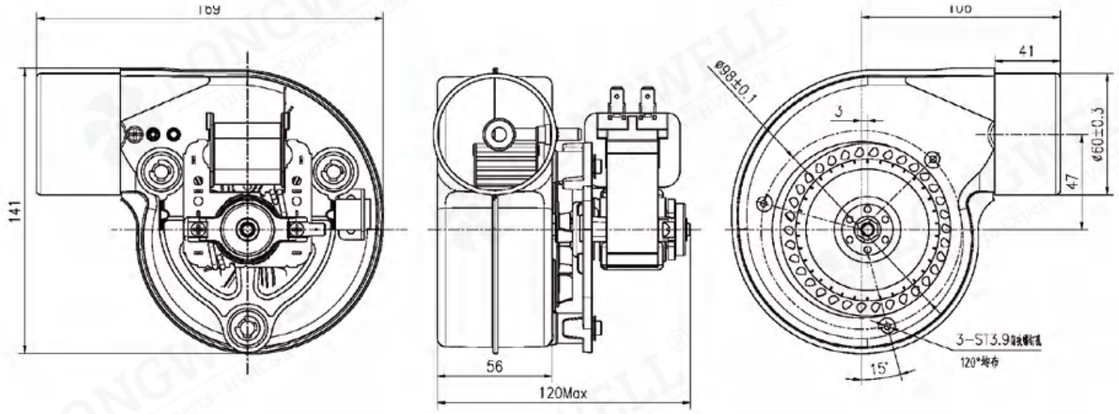
- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)
LWGA085S-02	220	50	30	0.3	2350	101	185



Product Drawing (mm)



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LWGA085 Series (Centrifugal Blower)

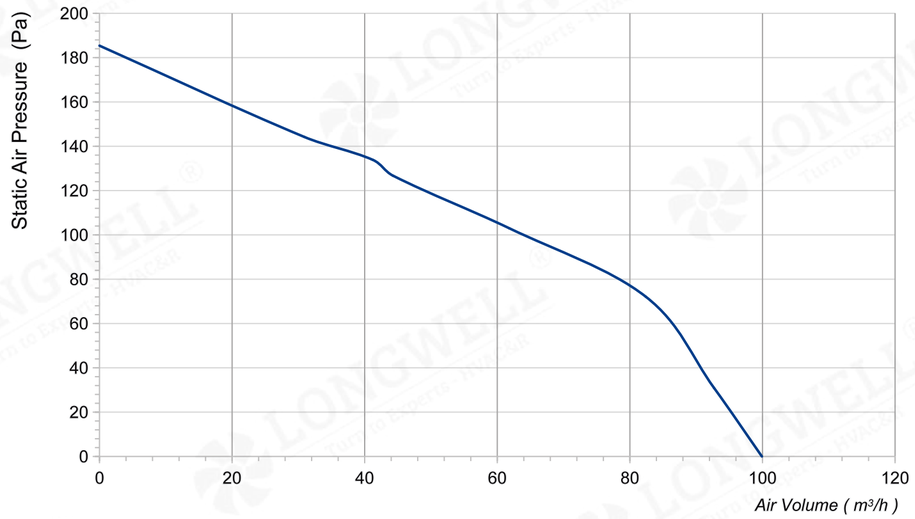
Product Characteristic

- Insulation class: F
- Both of ball bearings
- Long life
- Housing : Black painting
- Motor anti-vibration mounted

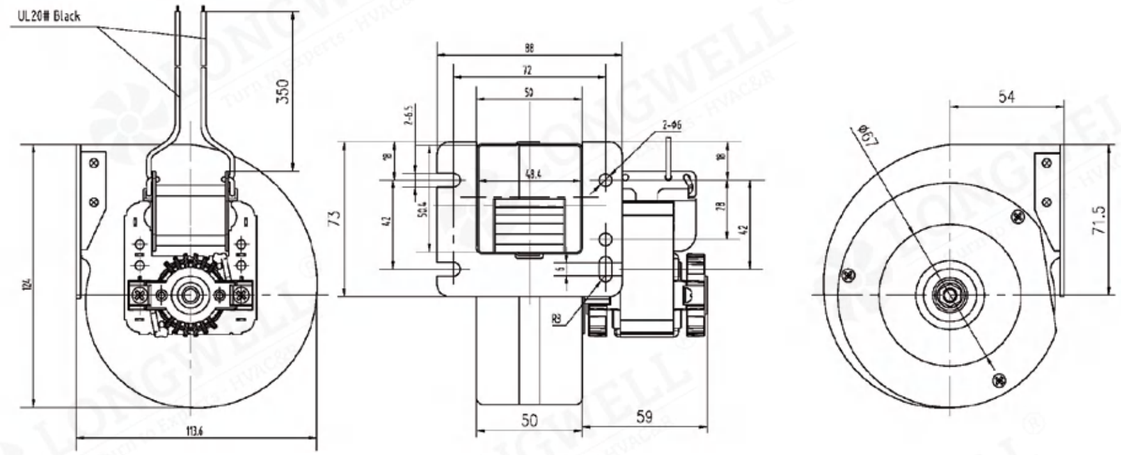


Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Air Pressure (Pa)
LWGA085S-03	220	50	34	0.3	2500	100	185



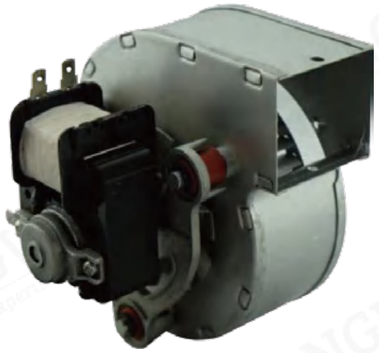
Product Drawing (mm)



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LWGA097 Series

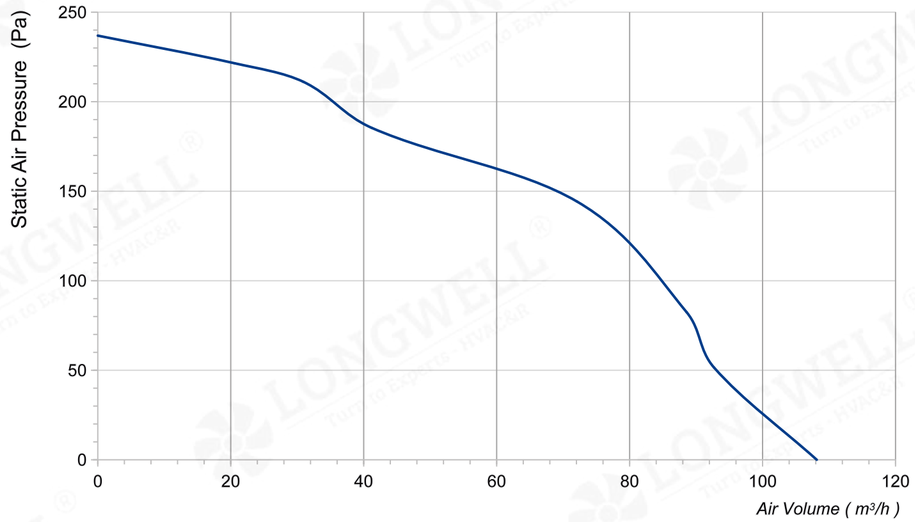
Product Characteristic



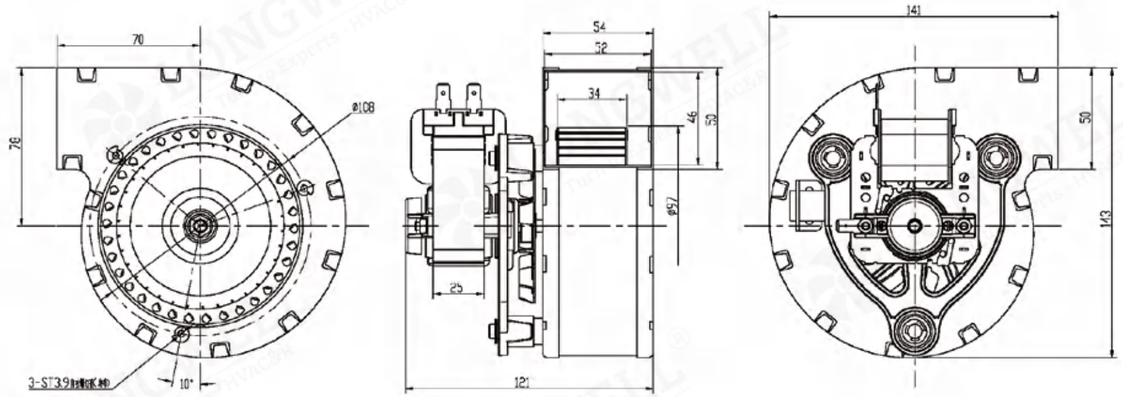
- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)
LWGA097S-01	220	50	32	0.28	2100	108	237



Product Drawing (mm)



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LWGA097 Series

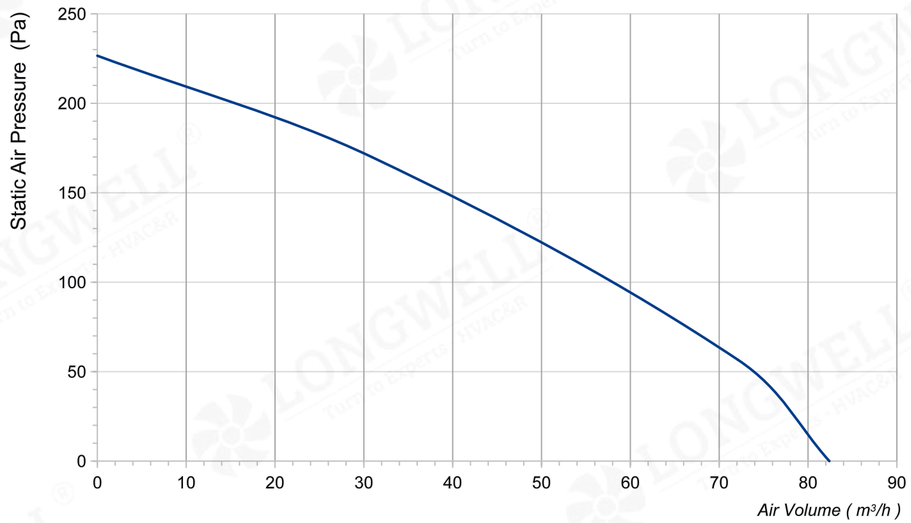
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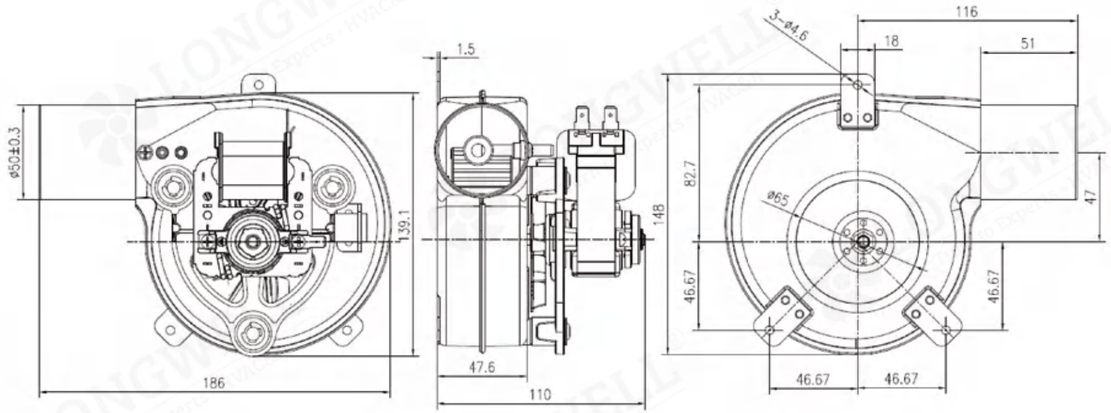
- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)
LWGA097S-03	220	50	32	0.32	2200	82	227



Product Drawing (mm)



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LWGA097 Series

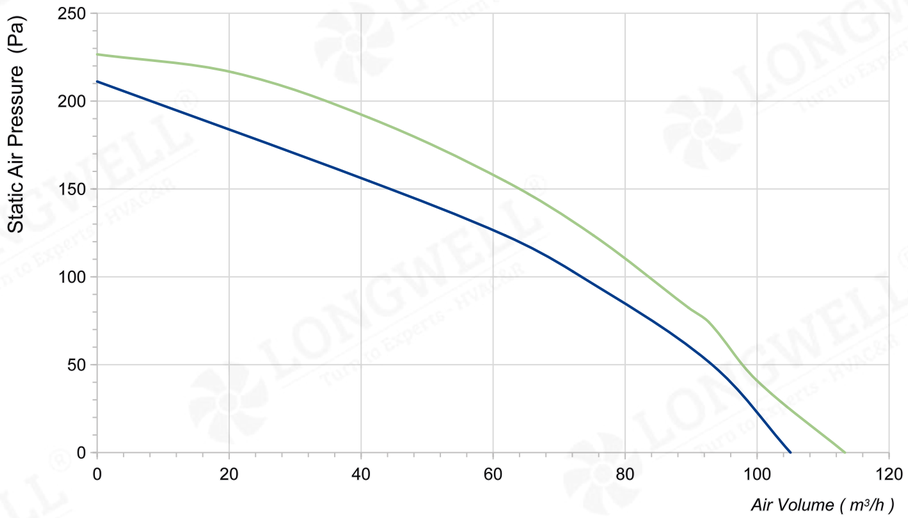
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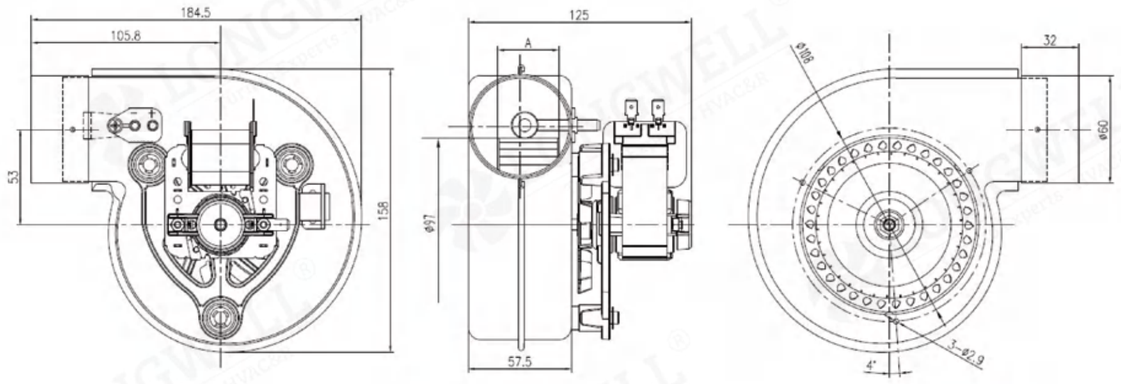
- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)	Diameter A (mm)
LWGA097S-04	220	50	35	0.29	2170	105	211	34
LWGA097S-05	220	50	35	0.3	2000	113	227	42



Product Drawing (mm)



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LWGA097 Series

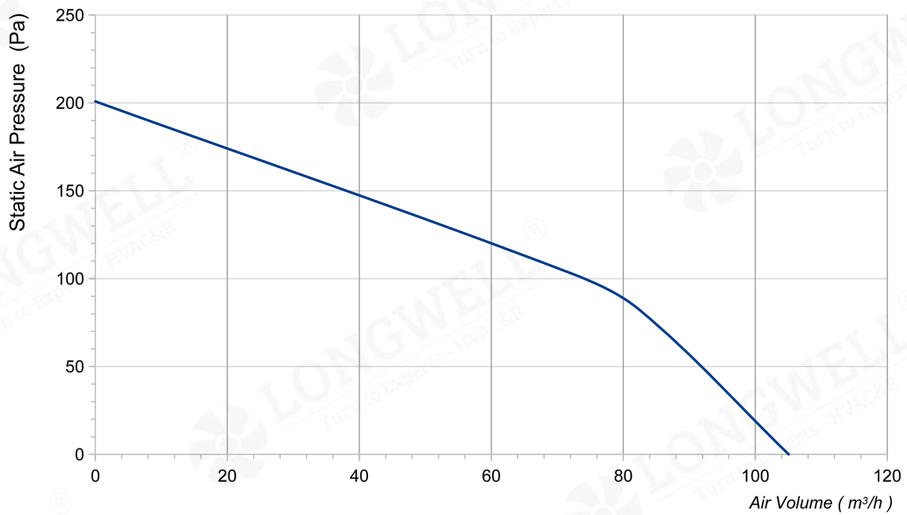


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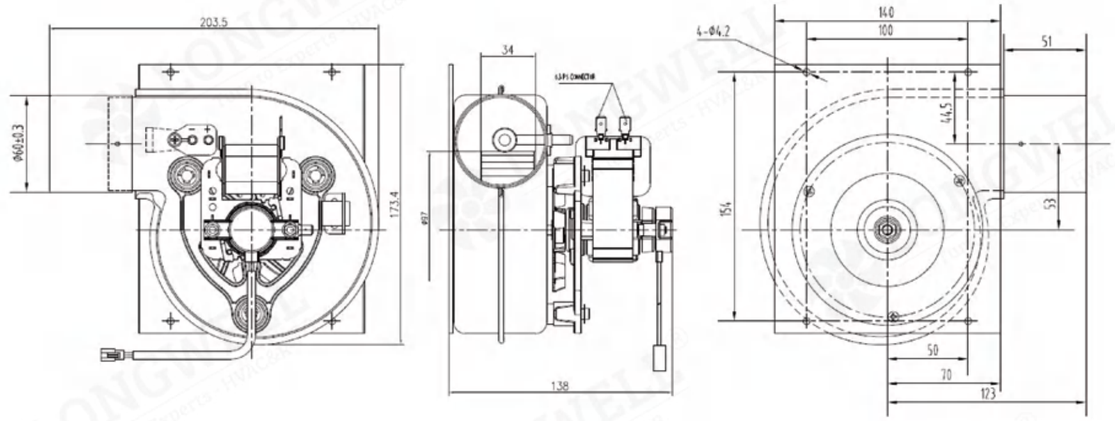
- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted/With speed encoder
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Air Pressure (Pa)
LWGA097S-06	220	50	35	0.3	1850	105	201



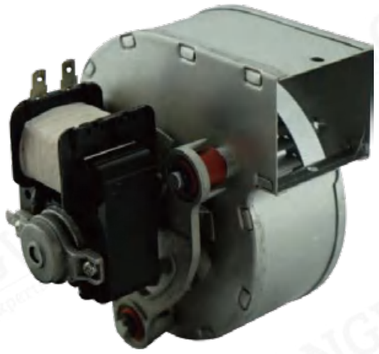
Product Drawing (mm)



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LWGA097/108 Series

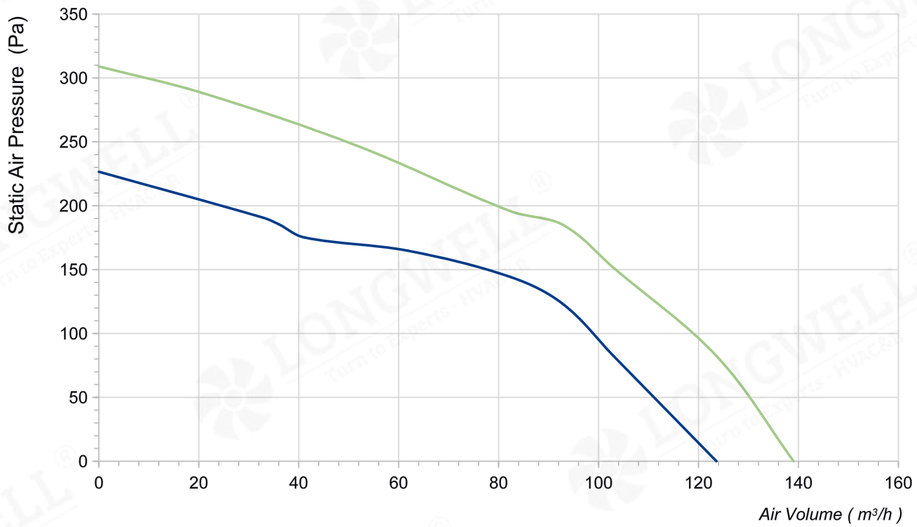
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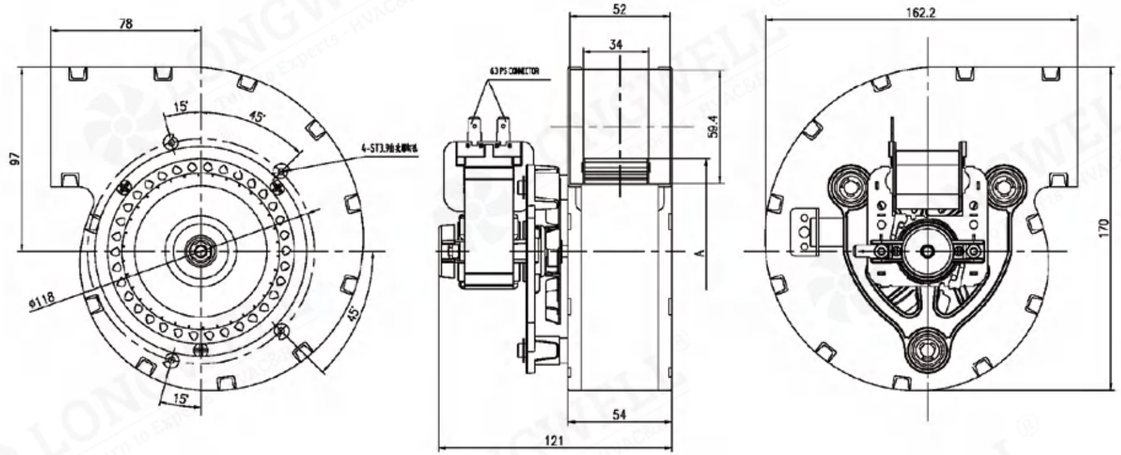
- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)	Diameter A (mm)
LWGA097S-02	220	50	35	0.3	2000	124	227	97
LWGA108S-01	220	50	47	0.43	2000	139	309	108



Product Drawing (mm)



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LWGA108 Series

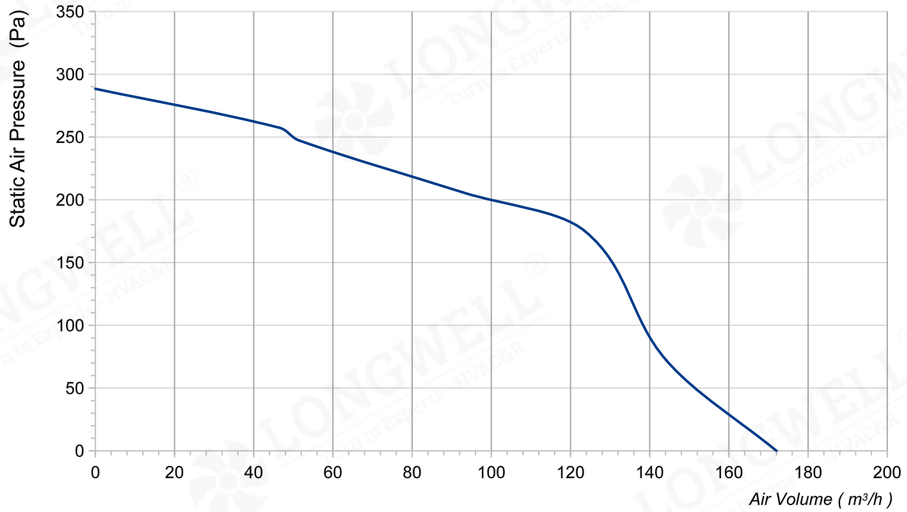
Product Characteristic

- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted

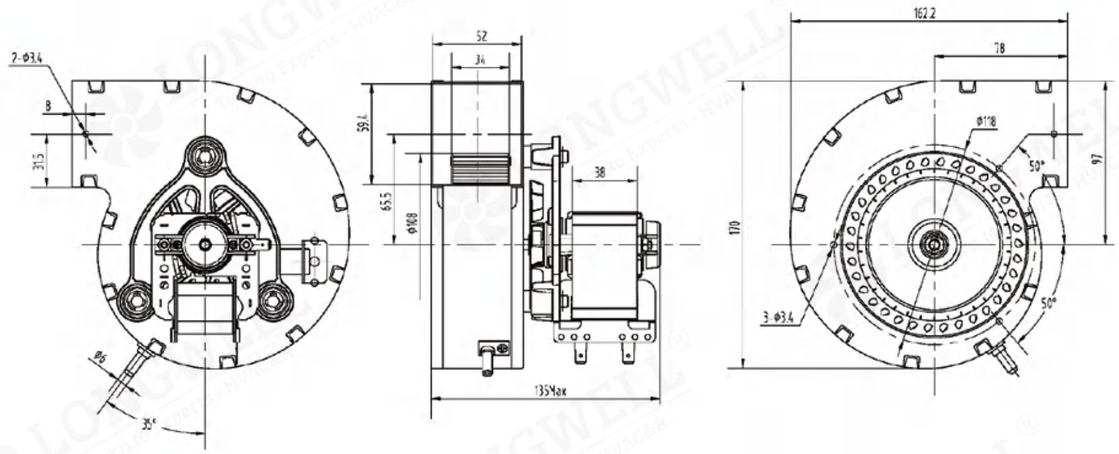


Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Air Pressure (Pa)
LWGA108S-02	230	50	60	0.48	2300	172	288



Product Drawing (mm)



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LWGA108 Series

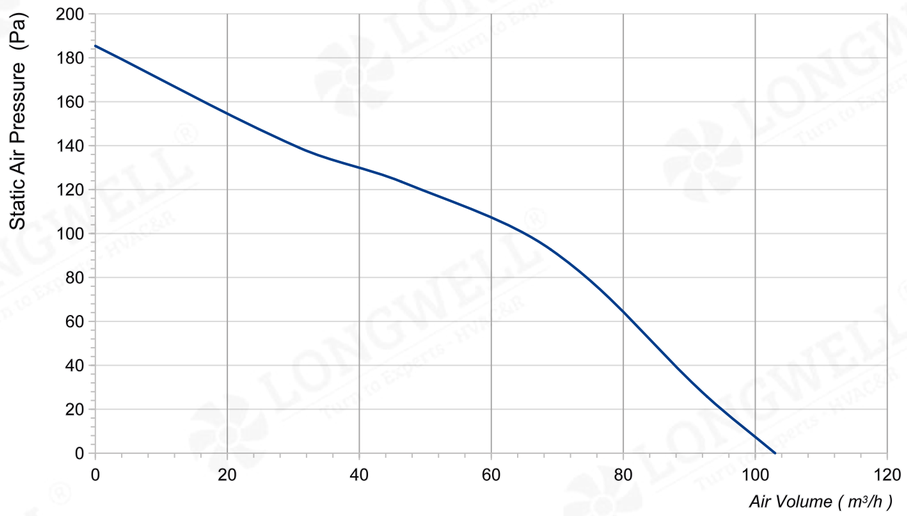
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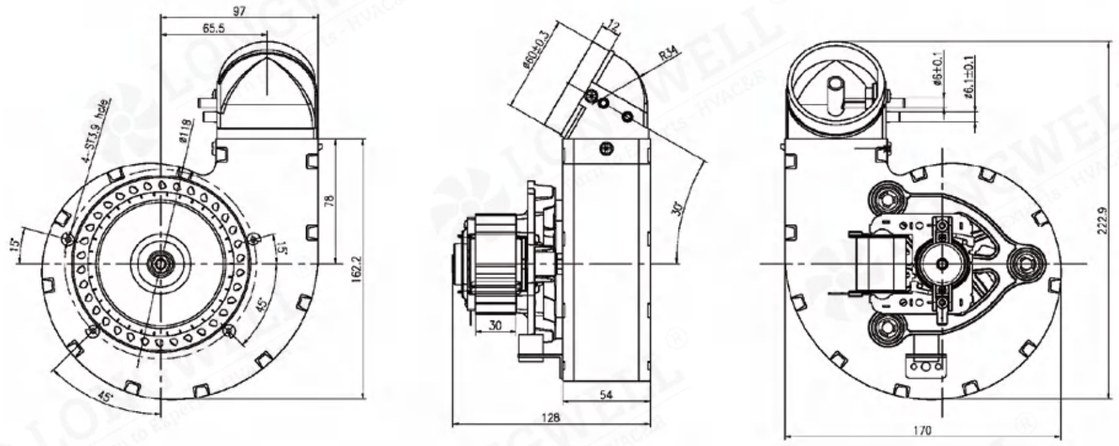
- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)
LWGA108S-03	230	50	43	0.37	2100	103	185



Product Drawing (mm)



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LWGA108 Series

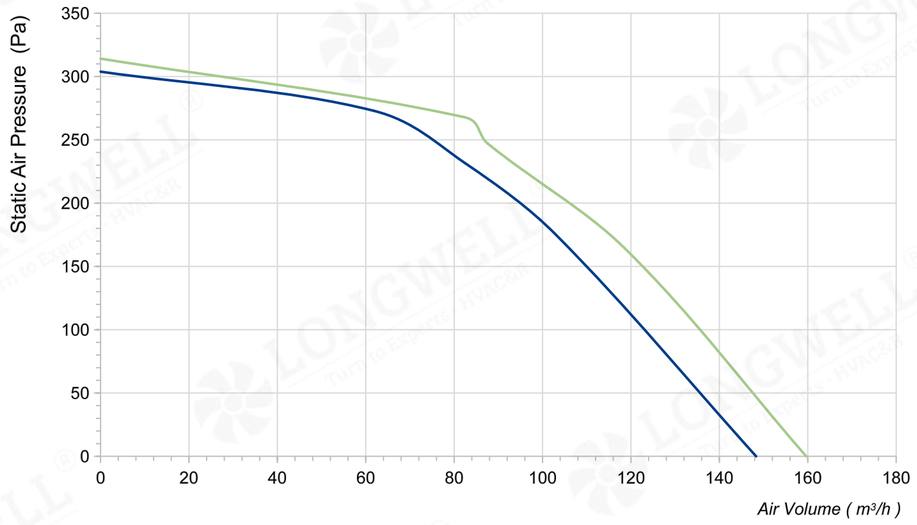


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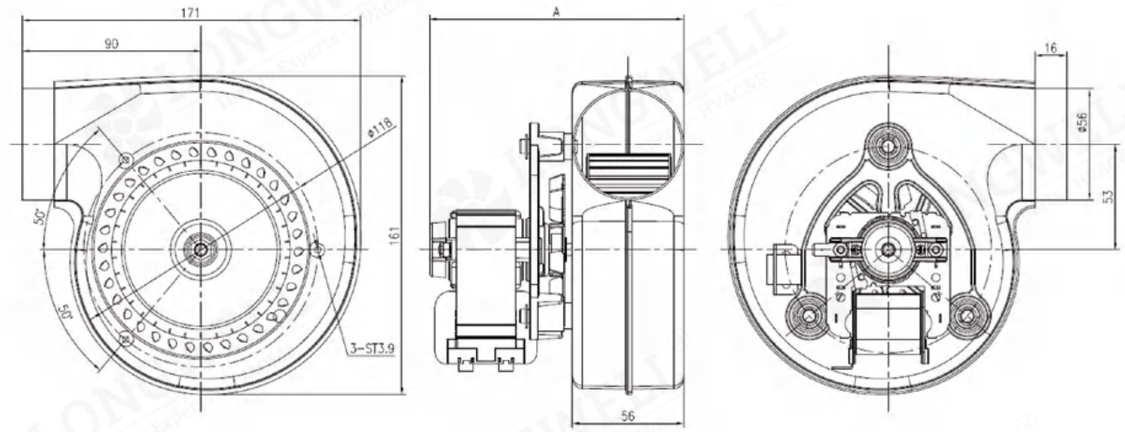
- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)	Diameter A (mm)
LWGA108S-04	230	50	53	0.5	2250	148	304	130
LWGA108S-05	230	50	65	0.65	2500	160	314	150



Product Drawing (mm)



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LWGA108 Series

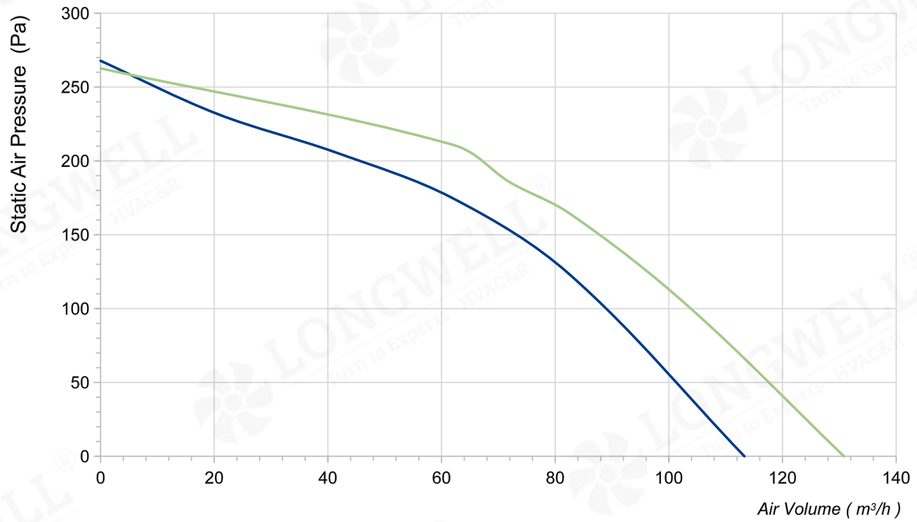
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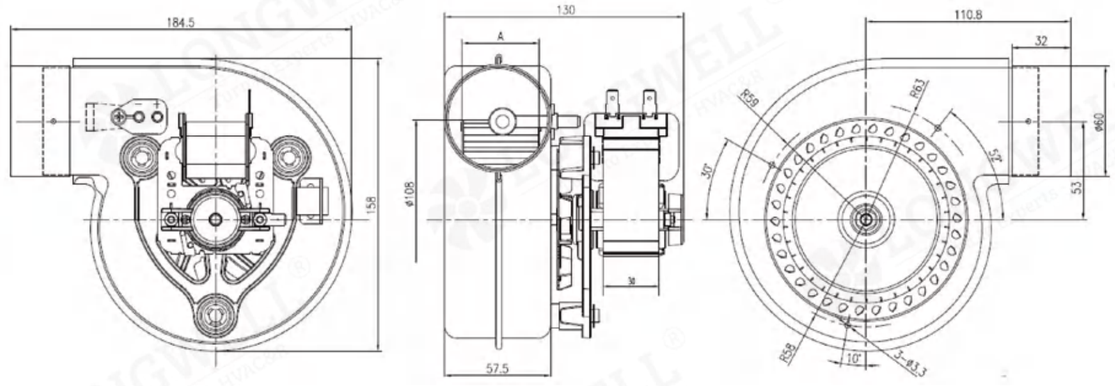
- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)	Diameter A (mm)
LWGA108S-06	220	50	35	0.3	2000	113	268	34
LWGA108S-07	220	50	47	0.43	2000	131	263	42



Product Drawing (mm)



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LWGA108 Series

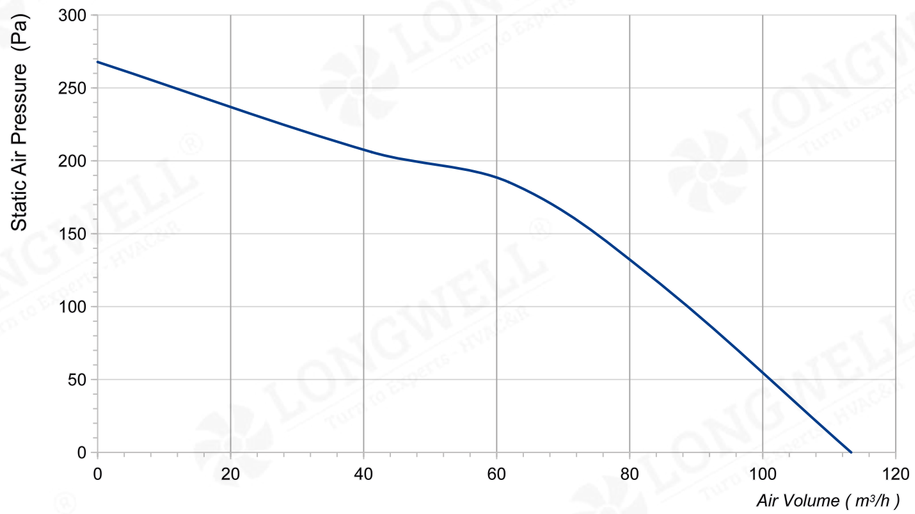
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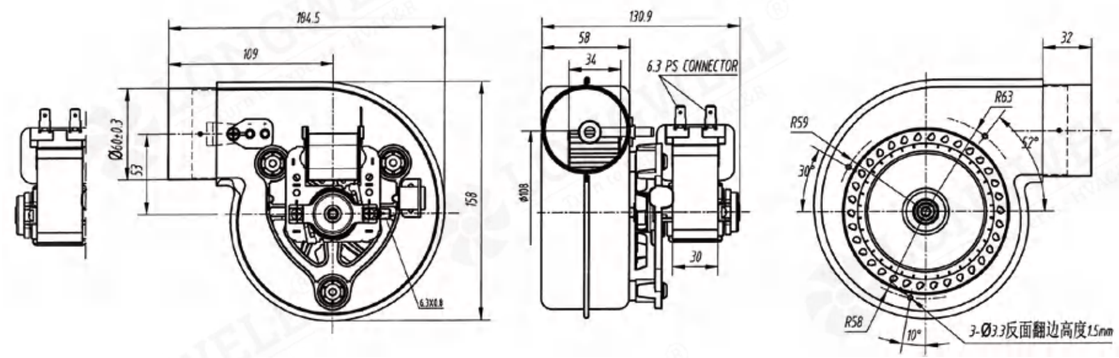
- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)	Diameter A (mm)
LWGA108S-08	220	50	35	0.3	2200	113	268	34



Product Drawing (mm)



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LWGA108 Series

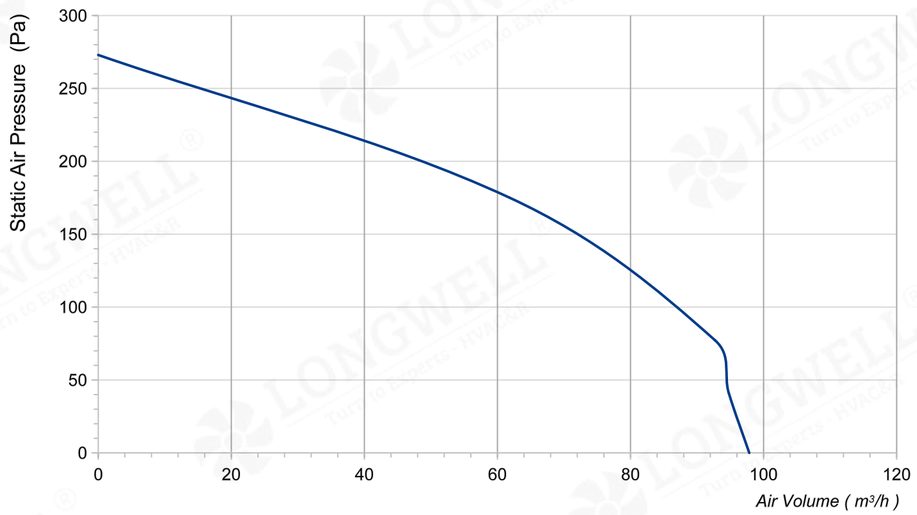
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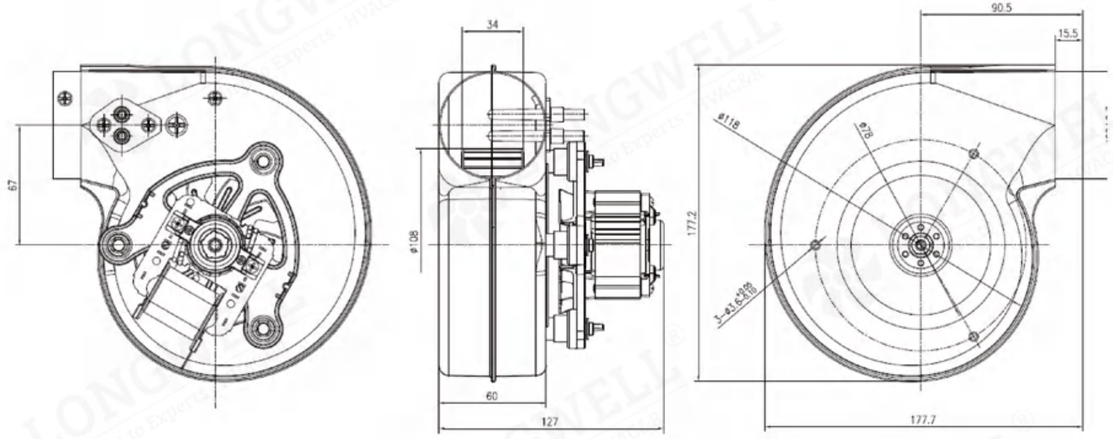
- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Air Pressure (Pa)
LWGA108S-09	230	50	33	0.28	1300	98	273



Product Drawing (mm)



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LWGA108 Series

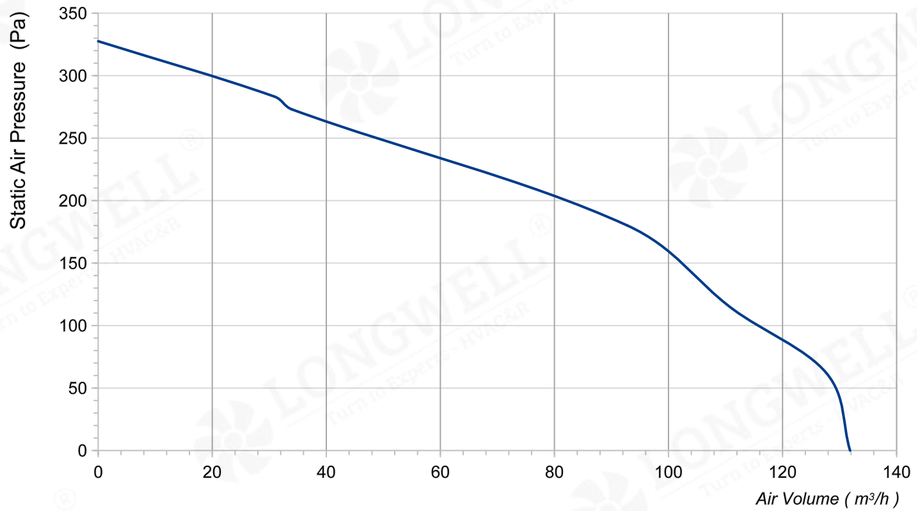
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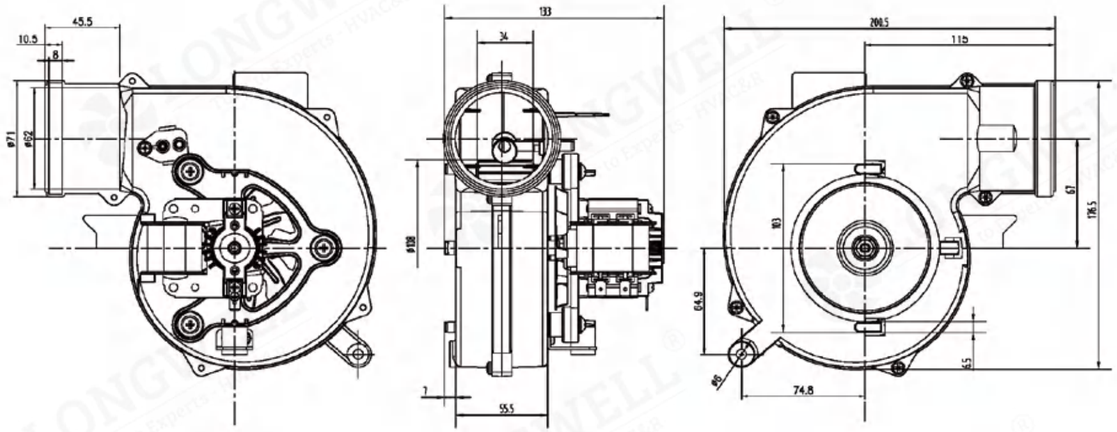
- Insulation class: H
- Housing &impeller: Aluminized casting
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)
LWGA108S-10	230	50	53	0.49	2450	132	328



Product Drawing (mm)



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LWGA108 Series

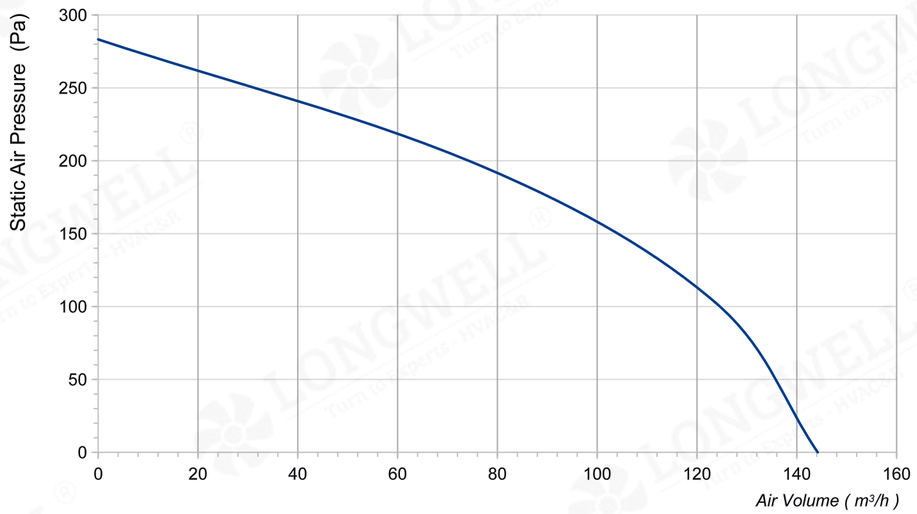


Product Characteristic

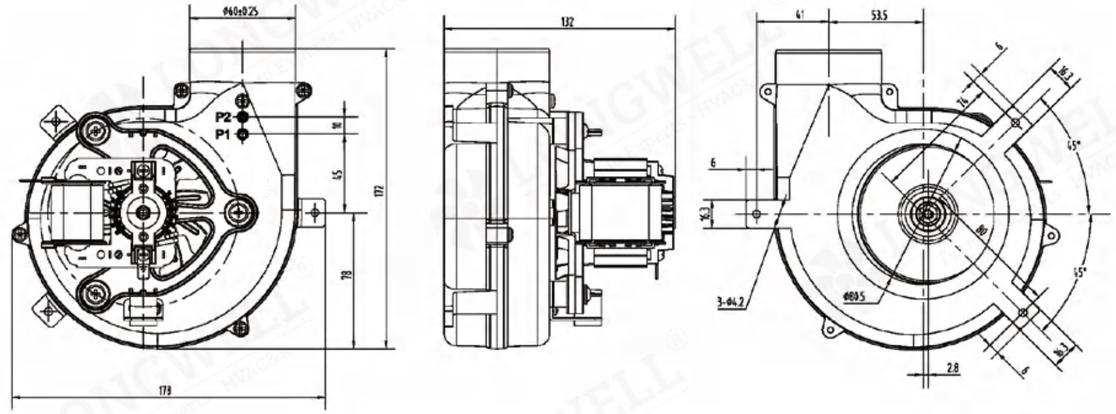
- Insulation class: H
- Housing &impeller: Aluminized casting
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)
LWGA108S-11	230	50	55	0.48	2100	144	283



Product Drawing (mm)



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LWGA108 Series

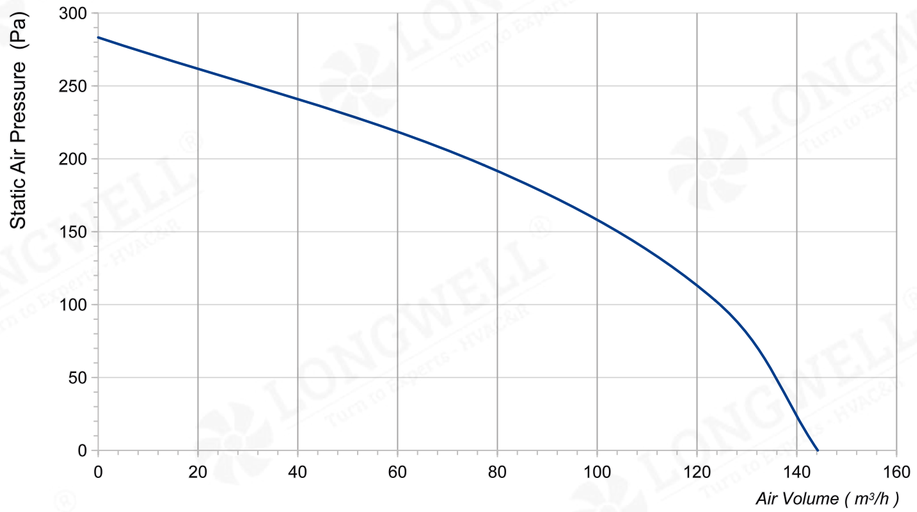


Product Characteristic

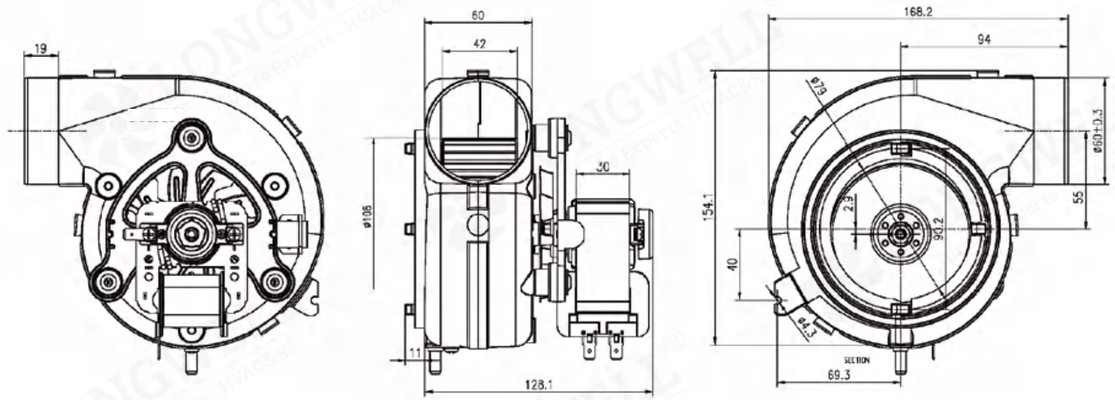
- Insulation class: H
- Housing &impeller: Aluminized casting
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)
LWGA108S-12	230	50	/	/	/	144	283



Product Drawing (mm)



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LWGA108 Series (Premixed Blower)

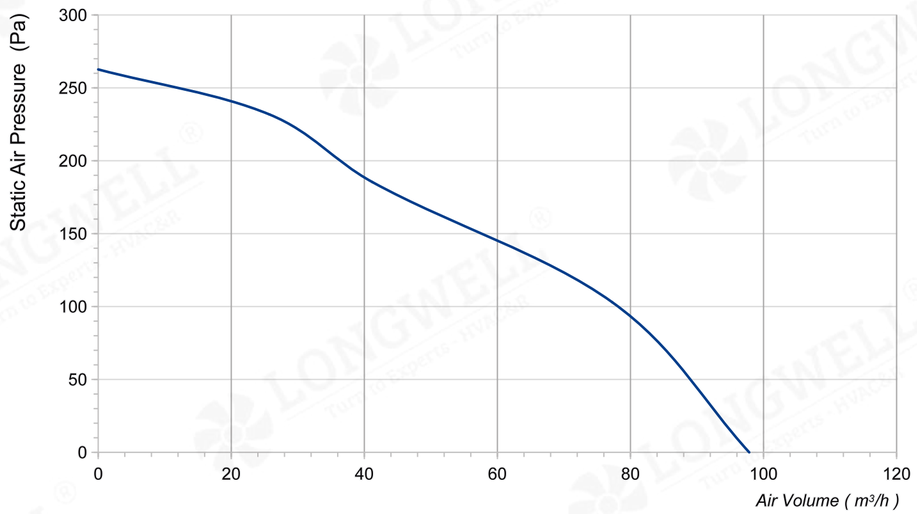
Product Characteristic

- Insulation class: H
- Housing &impeller: Aluminized casting
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

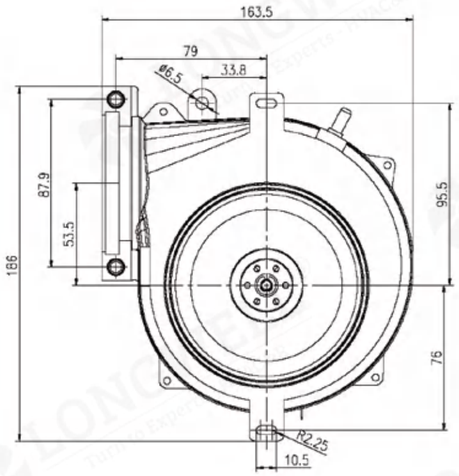


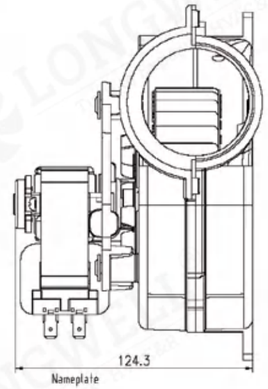
Technical Specifications

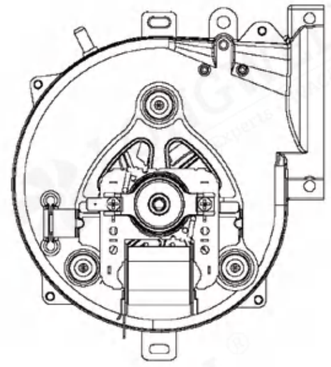
Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Air Pressure (Pa)
LWGA108S-13	230	50	37	0.33	1600	98	263



Product Drawing (mm)







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LWGA108 Series

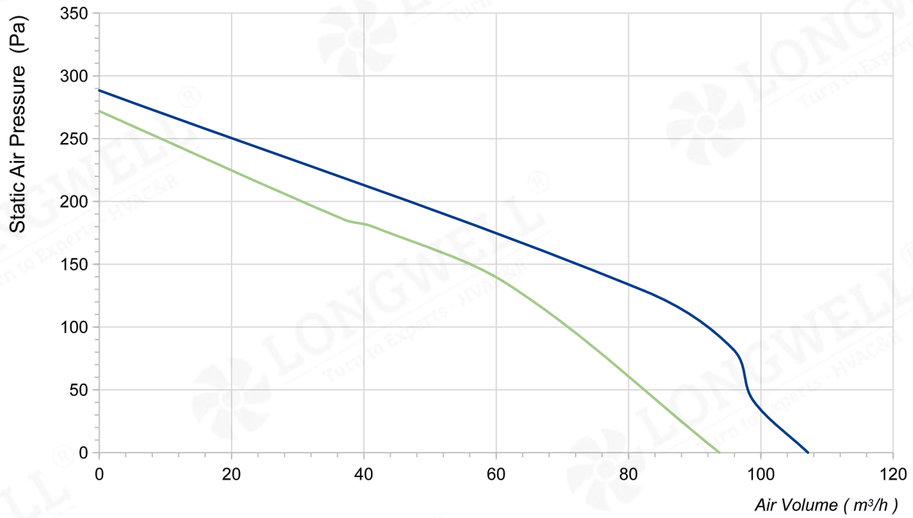


Product Characteristic

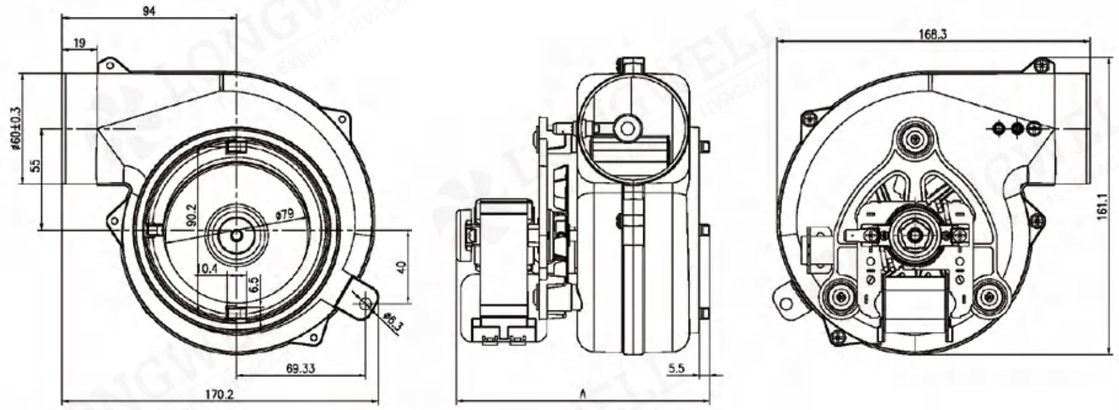
- Insulation class: H
- Housing &impeller: Aluminized casting
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)	Diameter A (mm)
LWGA108S-14	230	50	35	0.33	1350	107	288	132
LWGA108S-15	230	50	35	0.3	1400	94	272	137



Product Drawing (mm)



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LWGA117 Series (Centrifugal Blower)

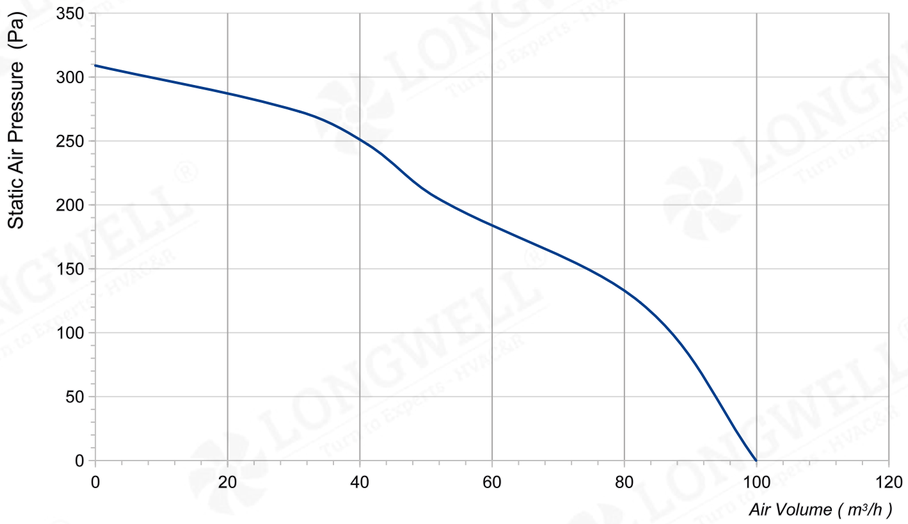
Product Characteristic

- Insulation class: F
- Housing & impeller: Galvanizing sheet steel
- Both of ball bearings
- 3 Speeds
- Adjusting air volume

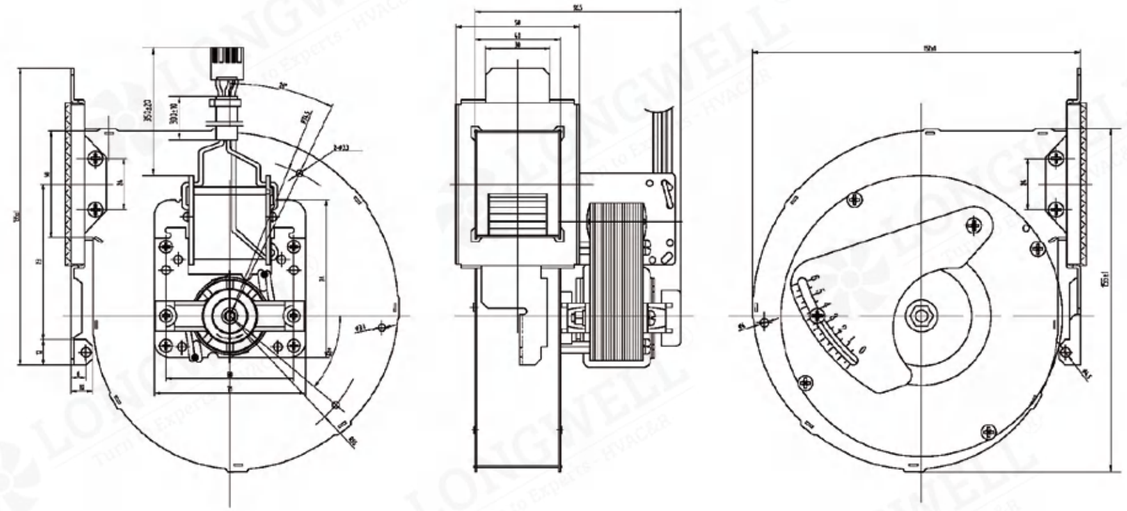


Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)
LWGA117S-01	220	50	55	0.4	2450/1350/1050	100	309



Product Drawing (mm)



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LWGA120 Series

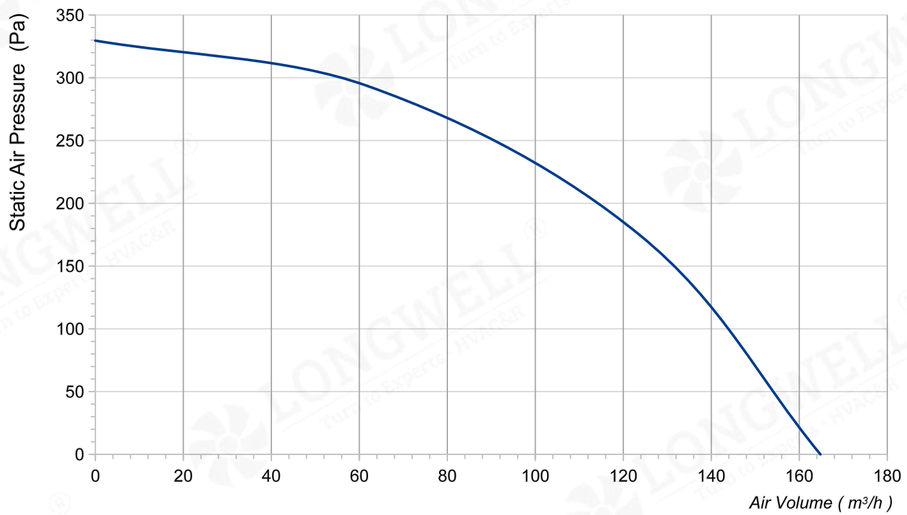


Product Characteristic

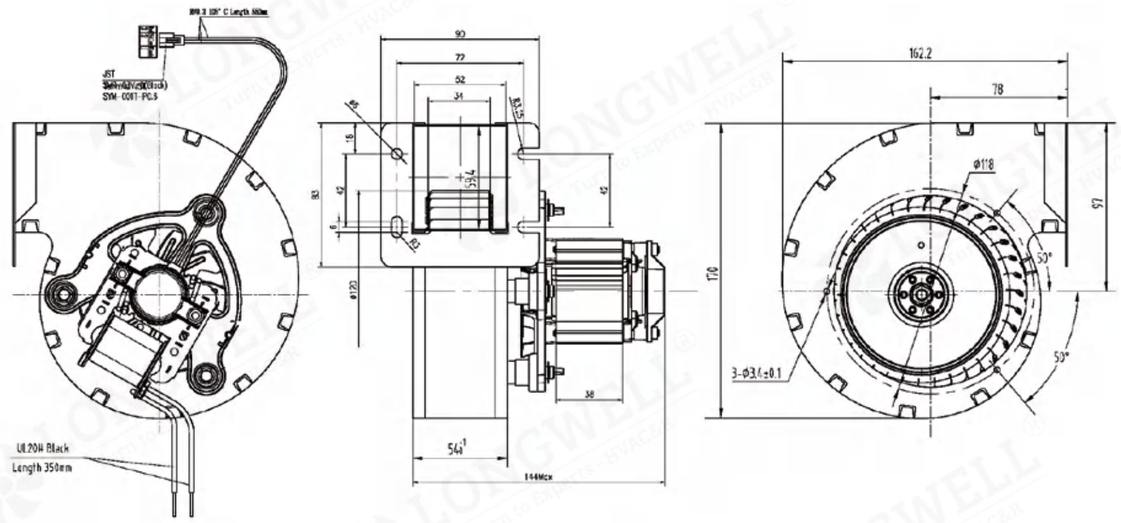
- Insulation class: H
- Housing &impeller: Black painting
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- With speed encoder

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Air Pressure (Pa)
LWGA120S-01	230	50	70	0.6	2300	165	330



Product Drawing (mm)



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LWGA120 Series

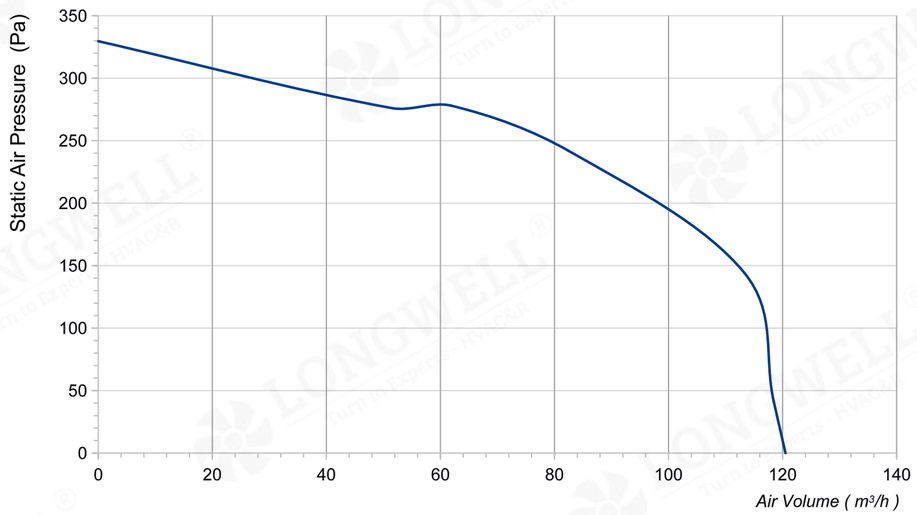
Product Characteristic



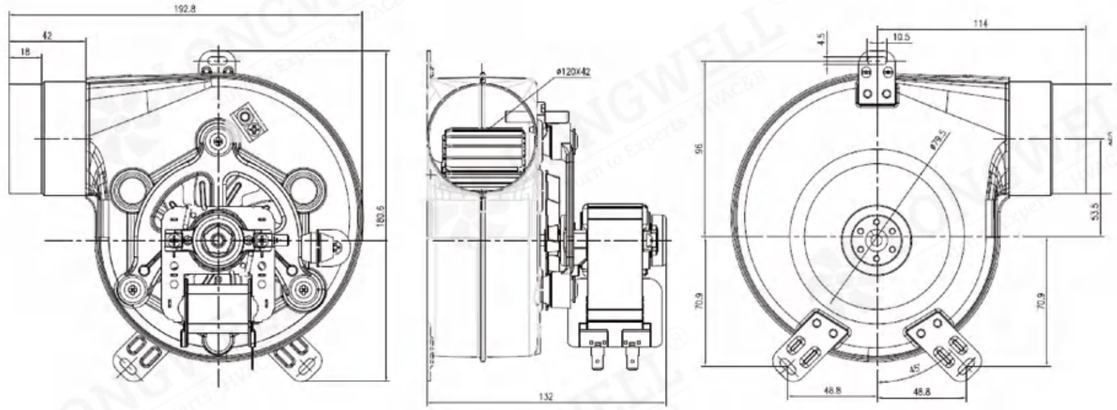
- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)
LWGA120S-02	220	50	53	0.48	1450	121	330



Product Drawing (mm)



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LWGA120 Series

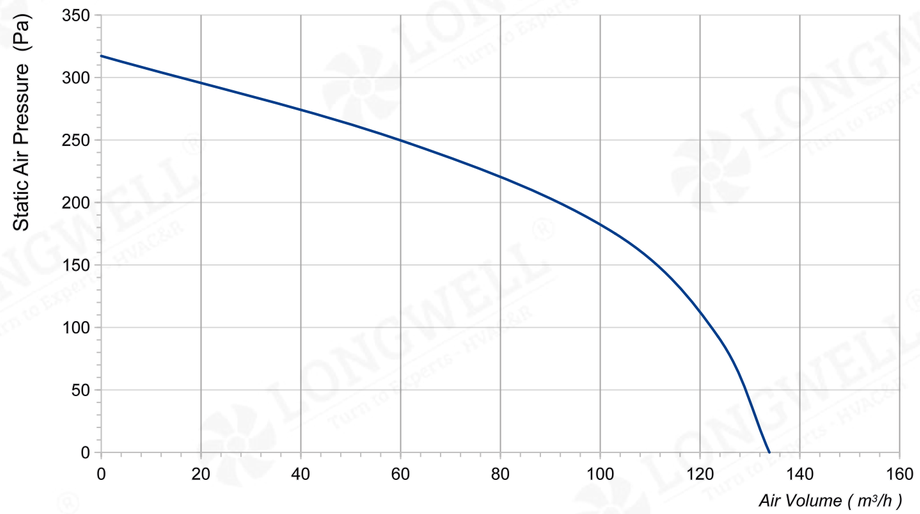


Product Characteristic

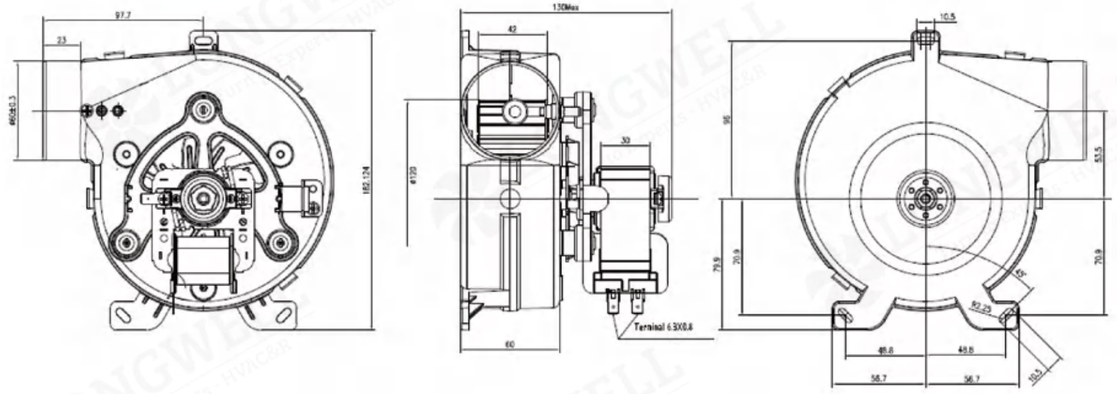
- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)
LWGA120S-03	220	50	47	0.4	1890	134	317



Product Drawing (mm)



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LWGA120 Series (Premixed Blower)

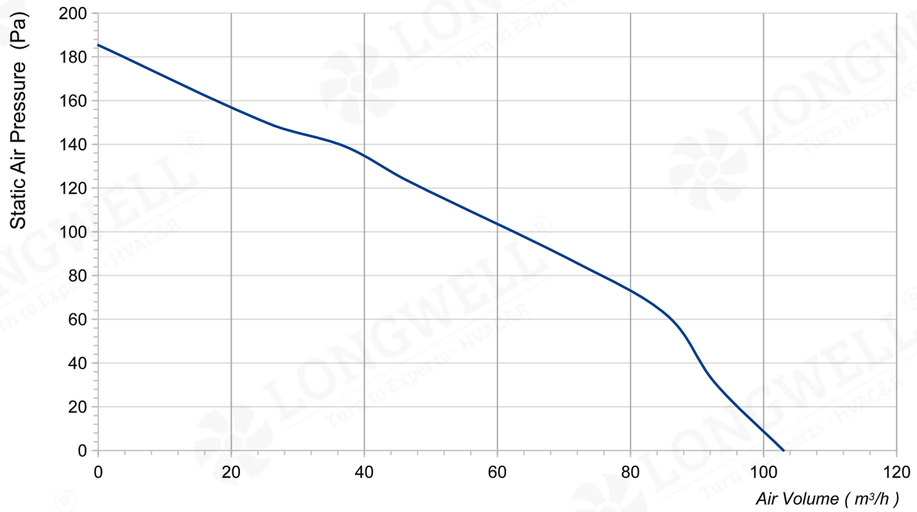
Product Characteristic

- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

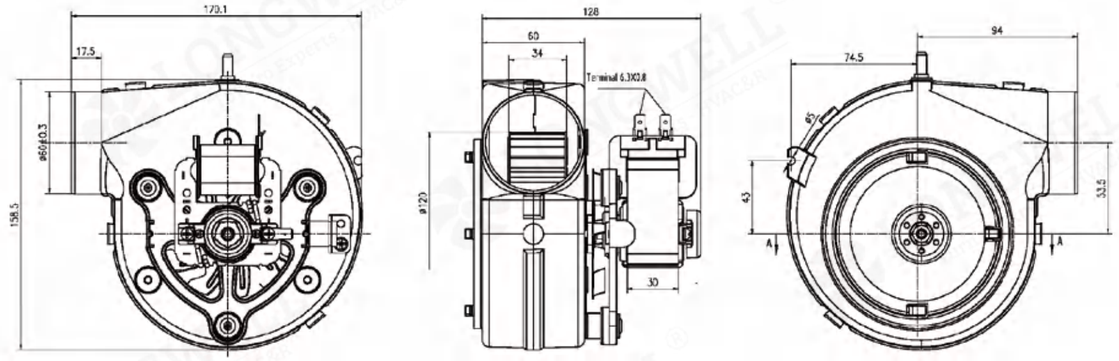


Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)
LWGA120S-04	220	50	47	0.4	1500	103	185



Product Drawing (mm)



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LWGA120 Series

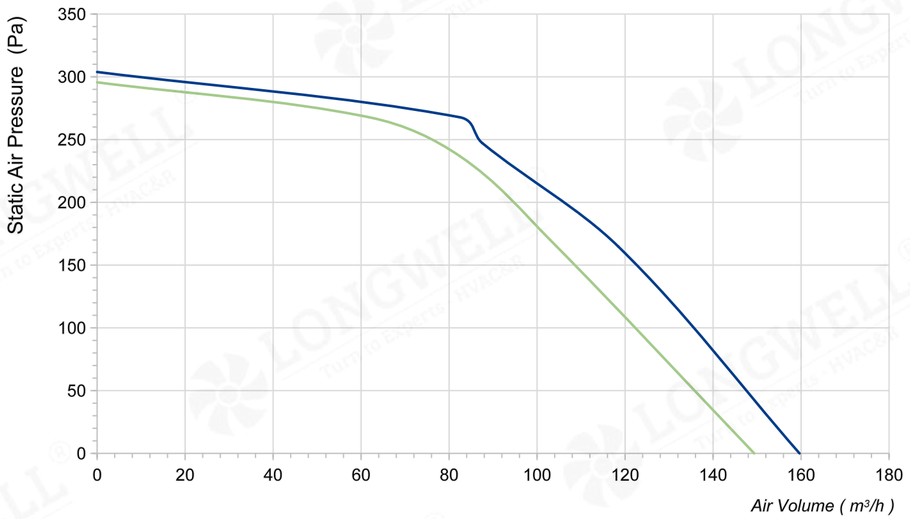
Product Characteristic

- Insulation class: H
- Housing &impeller: Aluminized casting
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

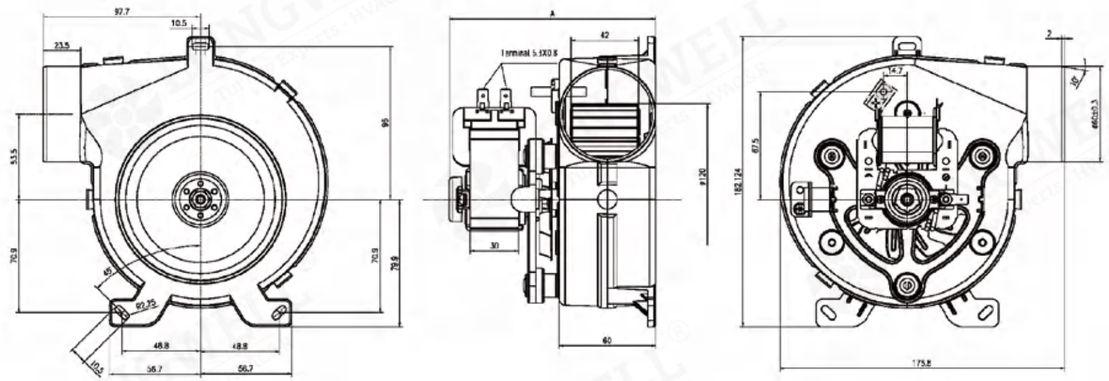


Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Air Pressure (Pa)	Diameter A (mm)
LWGA120S-05	230	50	60	0.42	1650	160	304	130
LWGA120S-06	230	50	39	0.35	1400	149	296	125



Product Drawing (mm)



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LWGA120 Series

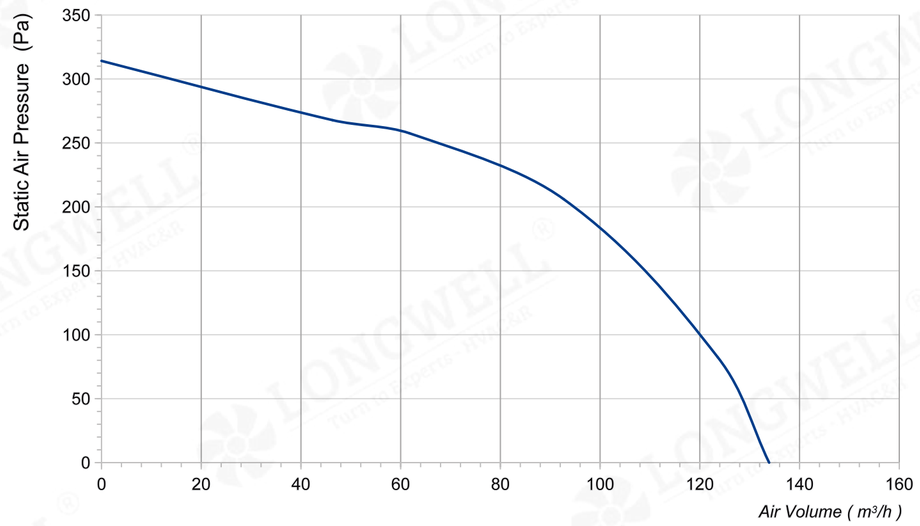


Product Characteristic

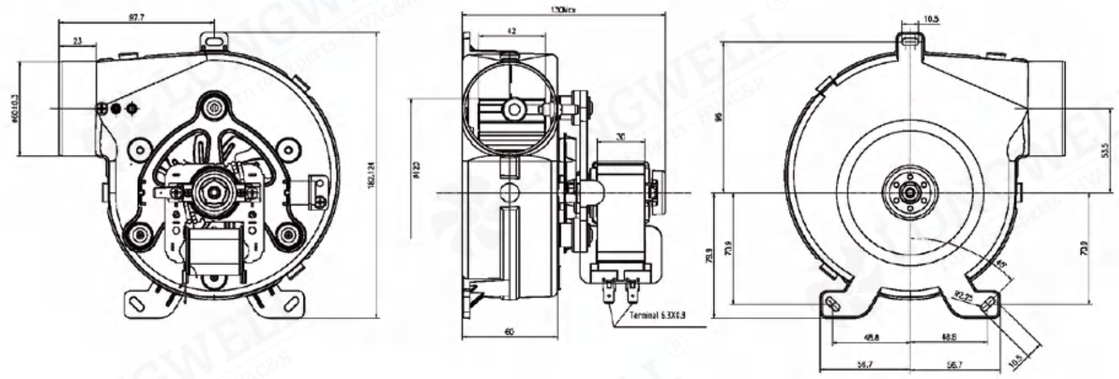
- Insulation class: H
- Housing &impeller: Aluminized casting
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)
LWGA120S-07	220	50	56	0.5	1800	134	314



Product Drawing (mm)



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LWGA133 Series

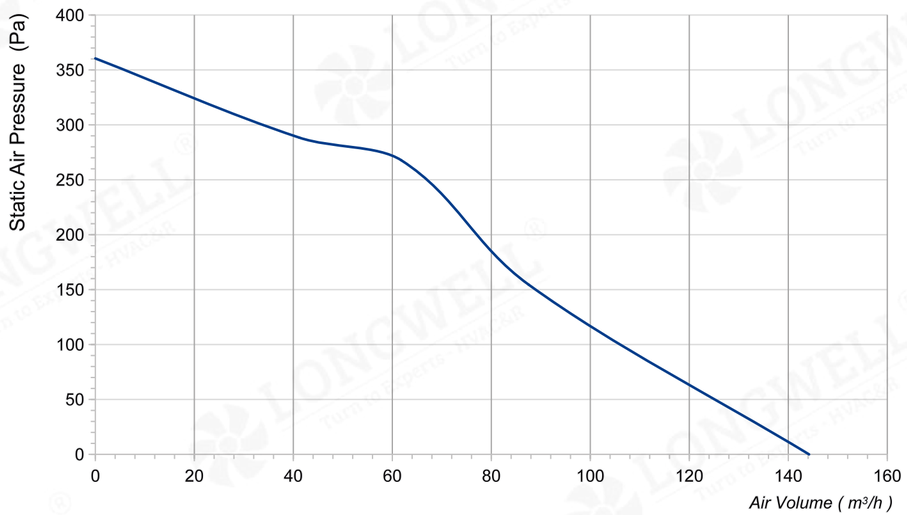
Product Characteristic



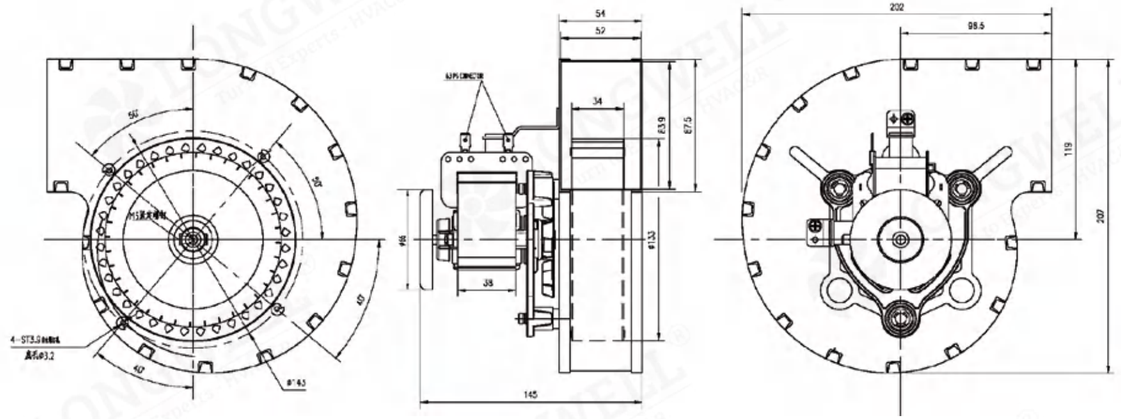
- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)
LWGA133S-01	220	50	65	0.6	1350	144	361



Product Drawing (mm)



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LWGA150 Series (Exhaust Blower)

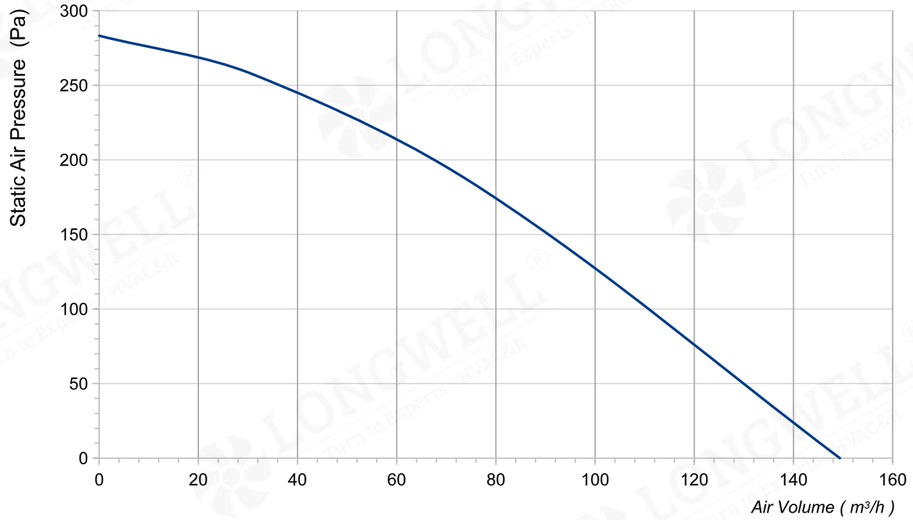
Product Characteristic



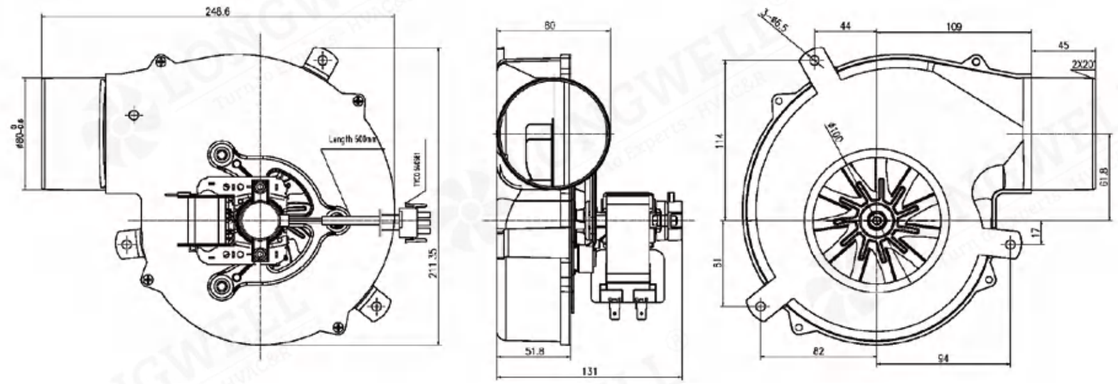
- Insulation class: H
- Housing & impeller: Aluminum Casting & stainless steel
- Flue temperature: ≤ 250 ℃
- Motor anti-vibration mounted/With speed encoder
- Mounting position must be specified for corresponding support elements

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m^3/h)	Air Pressure (Pa)
LWGA150S-01	230	50	50	0.47	2500	149	283



Product Drawing (mm)



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LWGA180 Series

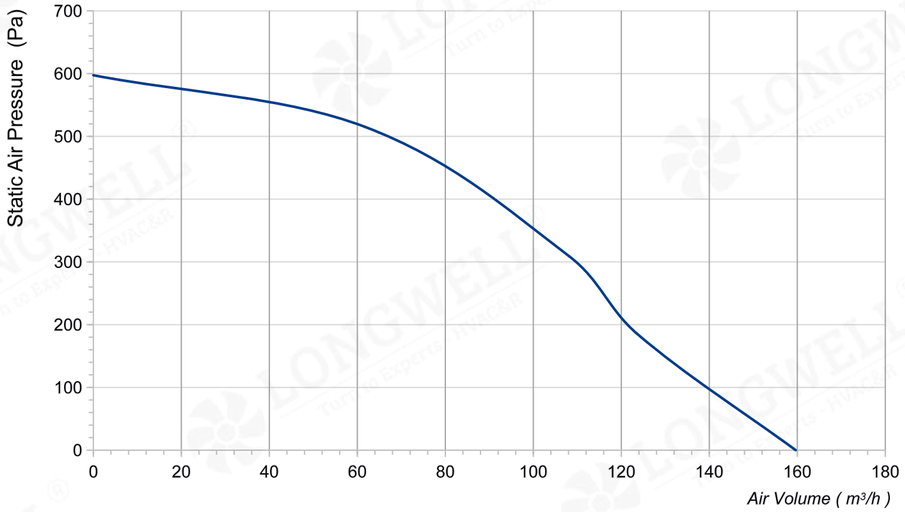
Product Characteristic

- Insulation class: H
- Housing &impeller: Aluminized sheet steel
- Flue temperature: ≤180℃ (continuous)
  ≤240℃ (instantaneous)
- Motor anti-vibration mounted
- With speed encoder



Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Volume (m³/h)	Air Pressure (Pa)
LWGA180S-01	240	50	75	0.6	2300	160	597



Product Drawing (mm)

