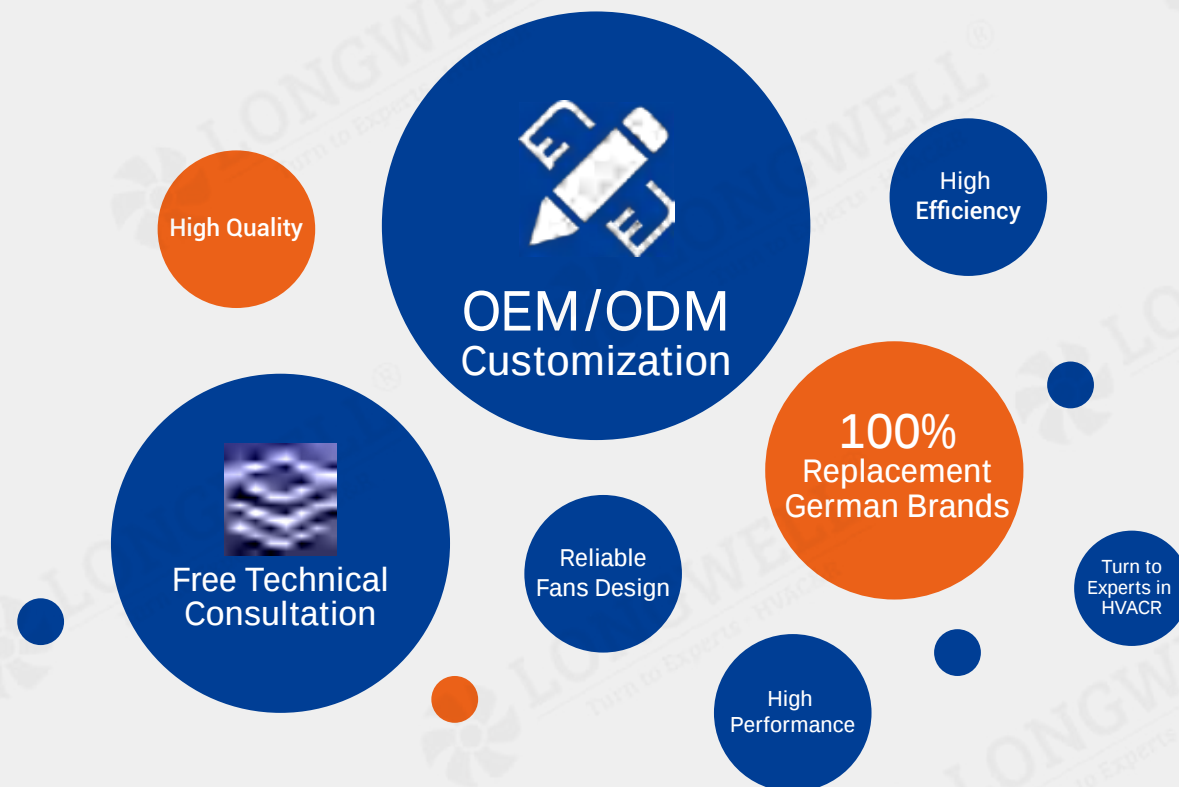


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Type Code

LW B D 26 M - 01

Series number

T-380VAC S-230VAC U-115V
L-12VDC M-24VDC J-36VDC
H-48VDC Z-310VDC

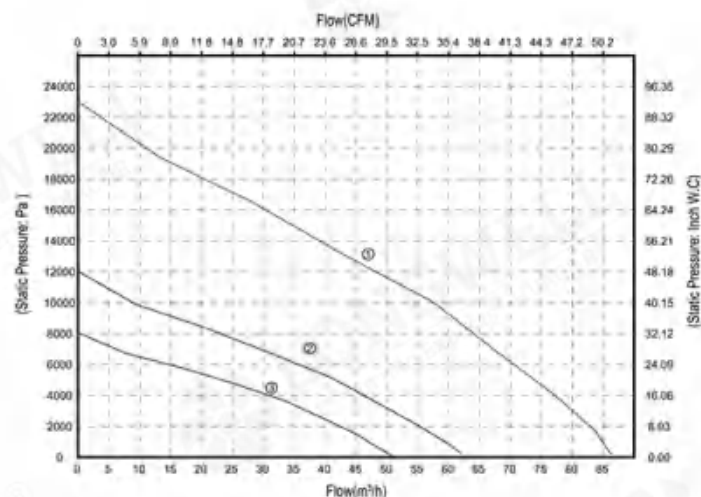
Diameter(inches)

A-AC D-DC E-EC

B-Brushless Blower

LW-Longwell

2.6" Low Voltage High Speed Brushless DC Fan



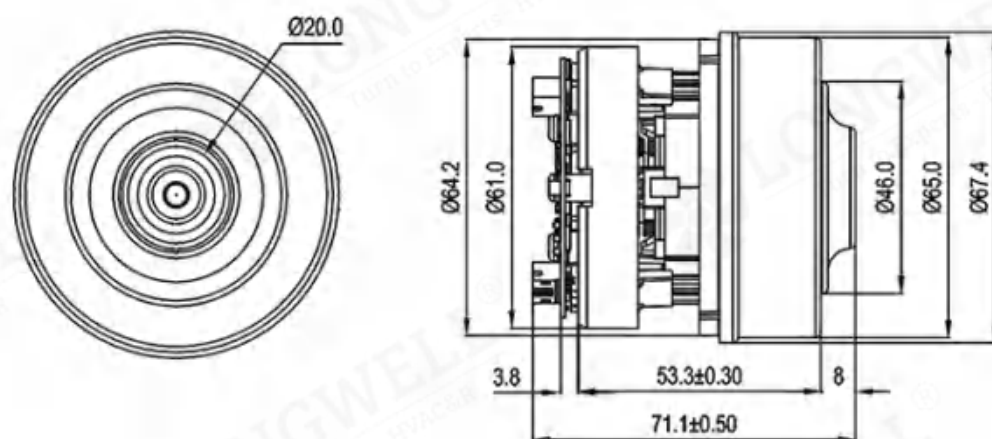
Product Characteristic

- Application: Fume/Smoke extraction,Vacuum tool,Sprayer,Medical equipment,Handle vacuum cleaner
- Feature: High efficiency and energy saving,Small size,Signal feedback,Speed regulation,Low voltage, Low voltage,Battery powered,100% calibration and factory inspection

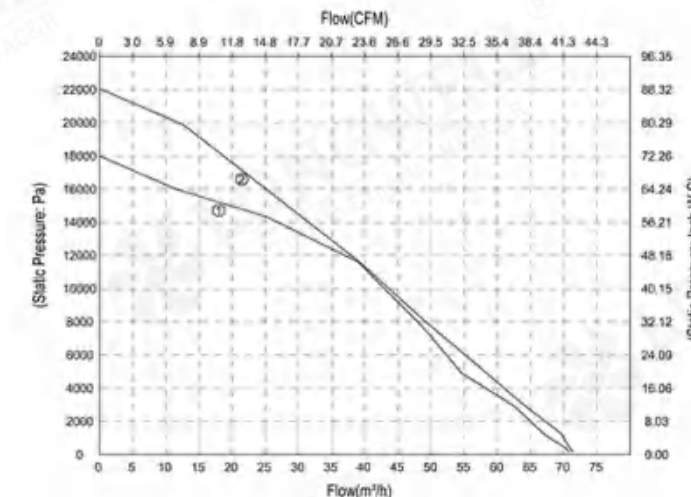
Technical Specifications

Model	Voltage (V)	Max. Input Power (W)	Max.Air Flow (m³/h)	Max.Air Flow (CFM)	Max.Vacuum (kPa)	Max.Vacuum (inH ₂ O)
LWBD26M-01	22.2	350	80	47	22.5	90
LWBD26M-02	22.2	150	61.9	36	12	48
LWBD26M-03	22.2	100	51	30	8	32

Model	Max.Speed (r/min)	Speed Control	Insulation Class	Noise [dB(A)]	Net Weight (kg)	Curve
LWBD26M-01	90000	ON-OFF/PWM	F	86	0.26	①
LWBD26M-02	68000	ON-OFF/PWM	F	82	0.26	②
LWBD26M-03	55000	ON-OFF/PWM	F	79	0.26	③



3.6" Preripheral By Pass Brushless DC Fan



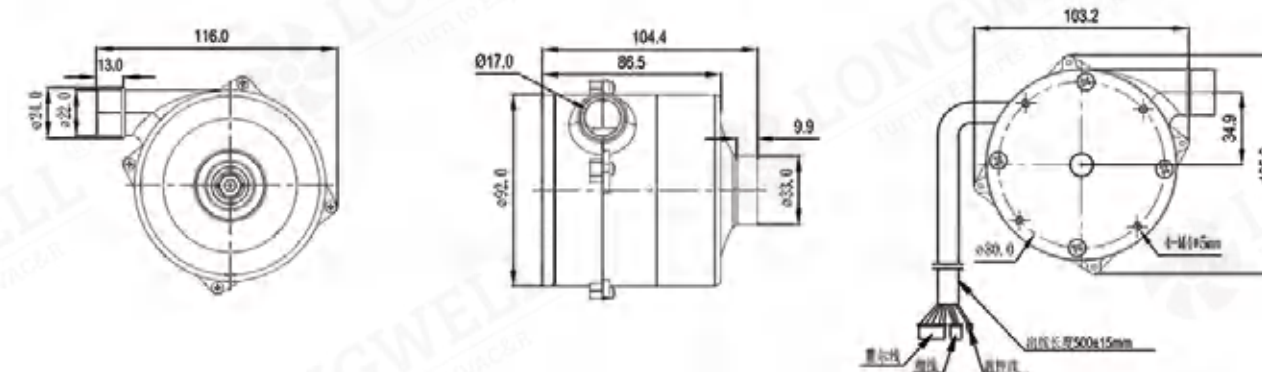
Product Characteristic

- Application: Fume/Smoke extraction,Vacuum tool,Fuel cell,Medical equipment,Handle vacuum cleaner
- Feature: High efficiency and energy saving,Low noise,Long life,Signal feedback speed regulation, Low voltage,Battery powered,100% calibration and factory inspection

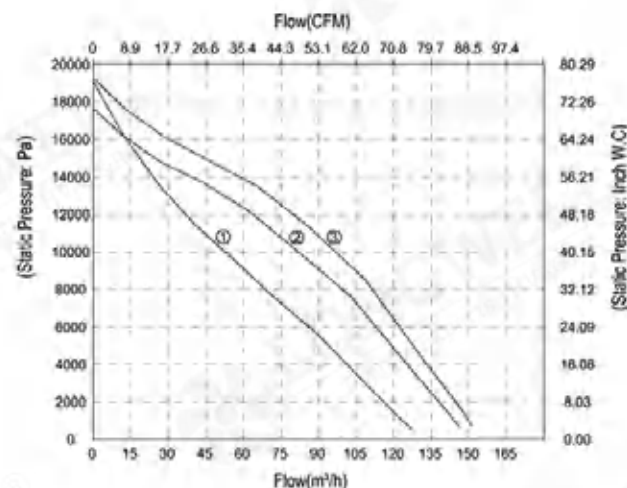
Technical Specifications

Model	Voltage (V)	Max. Input Power (W)	Max.Air Flow (m³/h)	Max.Air Flow (CFM)	Max.Vacuum (kPa)	Max.Vacuum (inH ₂ O)
LWBD36M-01	24	350	71.4	42	17	68
LWBD36J-02	36	320	71	42	22	88

Model	Max.Speed (r/min)	Speed Control	Insulation Class	Noise [dB(A)]	Net Weight (kg)	Curve
LWBD36M-01	30000	0-5VDC	F	82	0.90	①
LWBD36J-02	35000	0-5VDC	F	85	0.90	②



4.3" Through Flow Brushless DC Fan



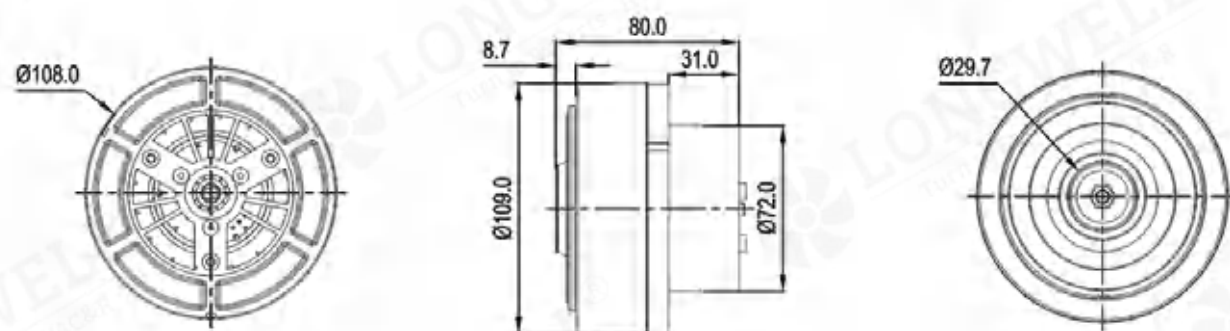
Product Characteristic

- Application: Fume/Smoke extraction,Vacuum cleaner,Sprayer,Hand dryer
- Feature: High efficiency&energy saving,High negative pressure,Penetrating forced heat dissipation,Long life,Signal feedback,Speed regulation,Low voltage,Battery powered,100% calibration and factory inspection

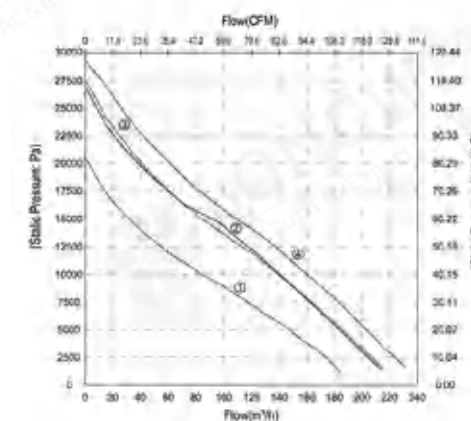
Technical Specifications

Model	Voltage (V)	Max. Input Power (W)	Max.Air Flow (m³/h)	Max.Air Flow (CFM)	Max.Vacuum (kPa)	Max.Vacuum (inH ₂ O)
LWBD43M-01	24	350	120	71	19	76
LWBD43J-02	36	500	138	81	18	72
LWBD43H-03	48	600	150	88	20	80

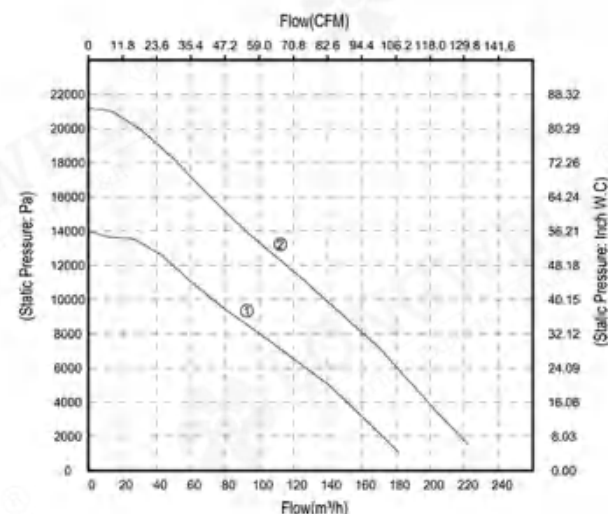
Model	Max.Speed (r/min)	Speed Control	Insulation Class	Noise [dB(A)]	Net Weight (kg)	Curve
LWBD43M-01	34350	0-5VDC	F	95	0.60	①
LWBD43J-02	32500	0-5VDC	F	95	0.60	②
LWBD43H-03	35250	0-5VDC	F	86	0.60	③



5.1" Through Flow Brushless Blower



5.7" Tangential By Pass Brushless Blower



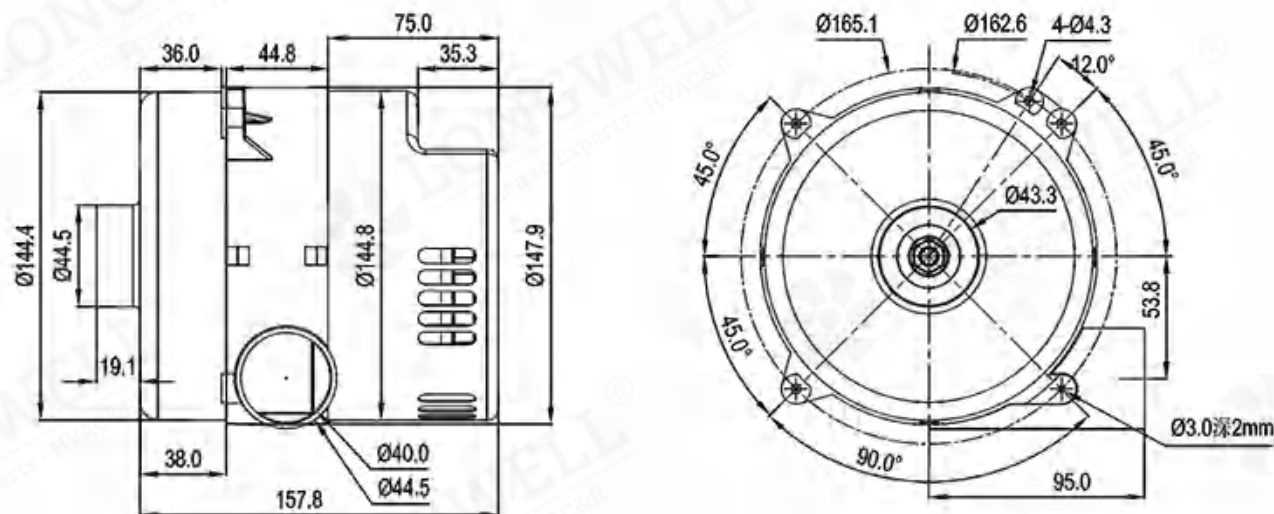
Product Characteristic

- Application: Fume/Smoke extraction, Sprayer, Sterilizer, Medical equipment, Care equipment, Laser machine, Environmental protection equipment, Printing Machine, Lithium electricity equipment
- Feature: High efficiency and energy saving, High negative pressure, Side air outlet, Long life, Built in drive, Signal feedback, Speed regulation, 100% calibration and factory inspection

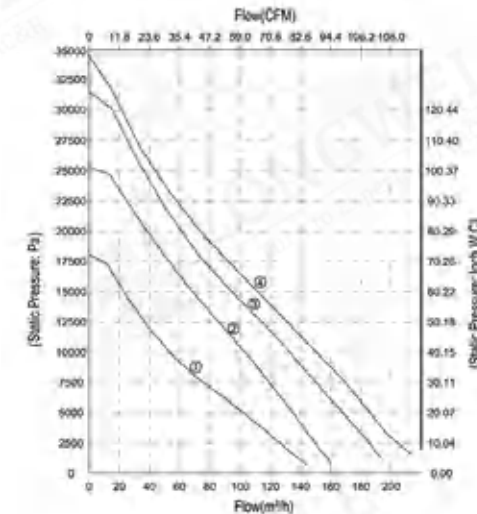
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max. Air Flow (m³/h)	Max. Air Flow (CFM)	Max. Vacuum (kPa)	Max. Vacuum (inH ₂ O)
LWBE57S-01	230	50/60	600	174	102	14.1	56
LWBE57S-02	230	50/60	1200	210	124	21.4	86

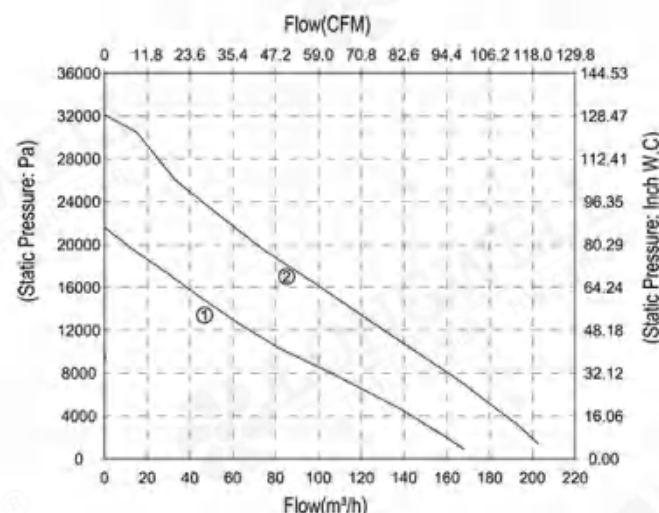
Model	Max. Speed (r/min)	Speed Control	Insulation Class	Noise [dB(A)]	Net Weight (kg)	Curve
LWBE57S-01	14000	PWM/0-10VDC	F	92	2.50	①
LWBE57S-02	14000	PWM/0-10VDC	F	92	2.50	②



6.0" Tangential By Pass Brushless Blower



6.0" Preripheral By Pass Brushless Blower



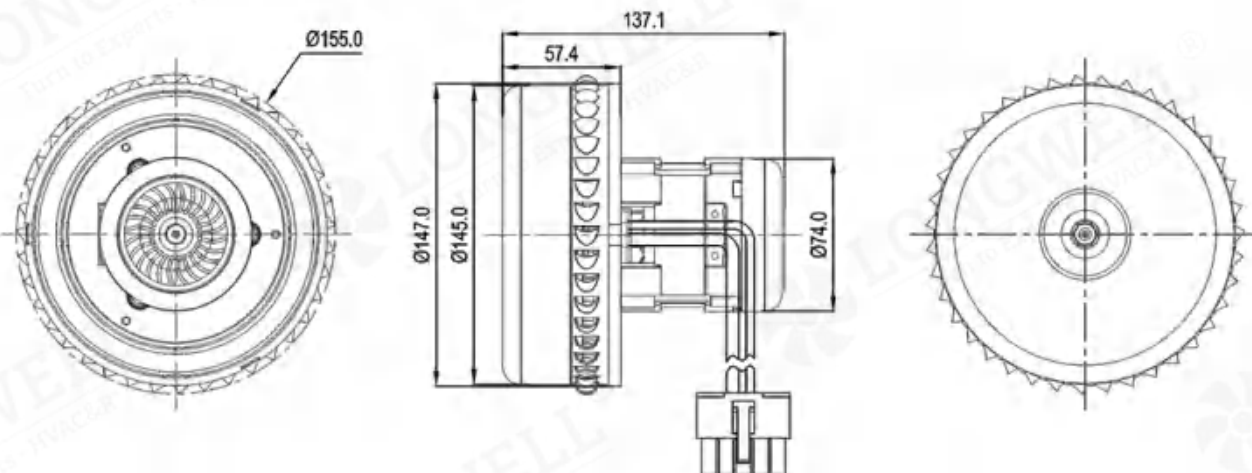
Product Characteristic

- Application: Fume/Smoke extraction, Sprayer, Dental equipment, Care equipment, Laser machine, Sterilization equipment
- Feature: High efficiency and energy saving, High negative pressure, Side air outlet, Long life, Signal feedback, Speed regulation, 100% calibration and factory inspection

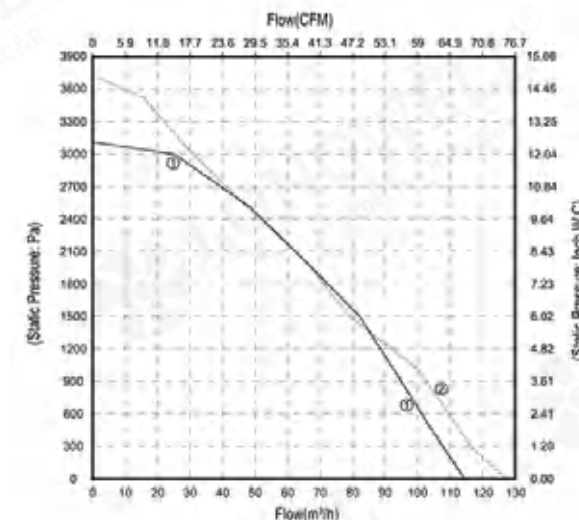
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max. Air Flow (m³/h)	Max. Air Flow (CFM)	Max. Vacuum (kPa)	Max. Vacuum (inH ₂ O)
LWBE60S-05	230	50/60	800	150	88	25	100
LWBE60S-06	230	50/60	1200	200	118	32	128

Model	Max. Speed (r/min)	Speed Control	Insulation Class	Noise [dB(A)]	Net Weight (kg)	Curve
LWBE60S-05	22500	PWM/0-5VDC	F	93	2.60	①
LWBE60S-06	28500	PWM/0-5VDC	F	98	2.60	②



6.5" Blower For Gas-Premix Heating Systems



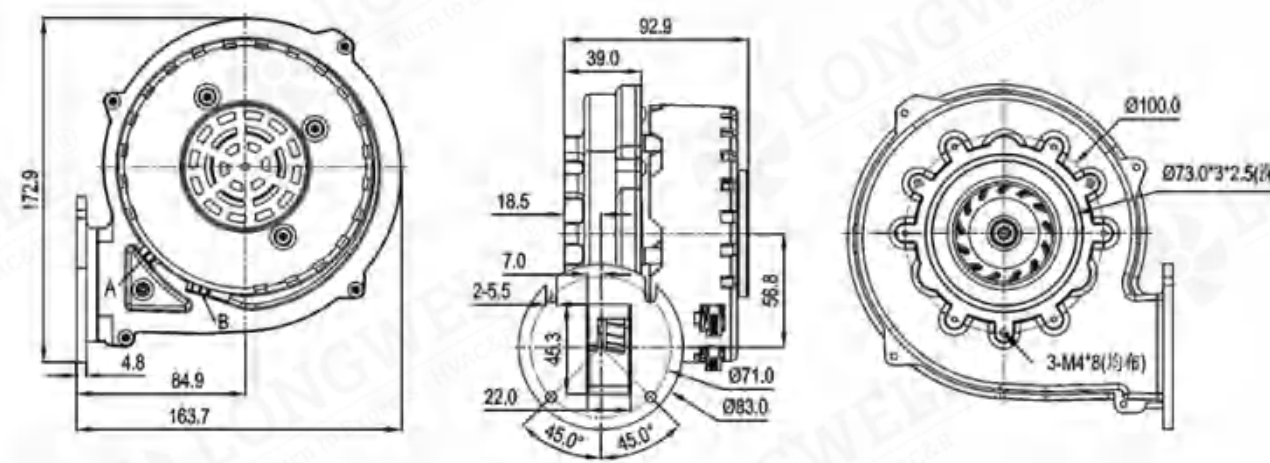
Product Characteristic

- Application: Fume/Smoke extraction, Dental equipment, Care equipment, Wall-hanging stove, boiler water heating and other kinds of gas heating equipment and food processing equipment
- Feature: Low noise, High efficiency and energy saving, Signal feedback, Speed regulation, Built in drive, 100% calibration and factory inspection

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max. Air Flow (m³/h)	Max. Air Flow (CFM)	Max. Vacuum (kPa)
LWBE65S-01	230	50/60	110	115	68	3
LWBE65S-02	230	50/60	130	127	75	3.7

Model	Max. Vacuum (inH ₂ O)	Max. Speed (r/min)	Speed Control	Net Weight (kg)	Curve
LWBE65S-01	12	9700	ON-OFF/PWN	1.00	①
LWBE65S-02	15	11000	ON-OFF/PWN	1.00	②



8.0" Blower For Gas-Premix Heating Systems

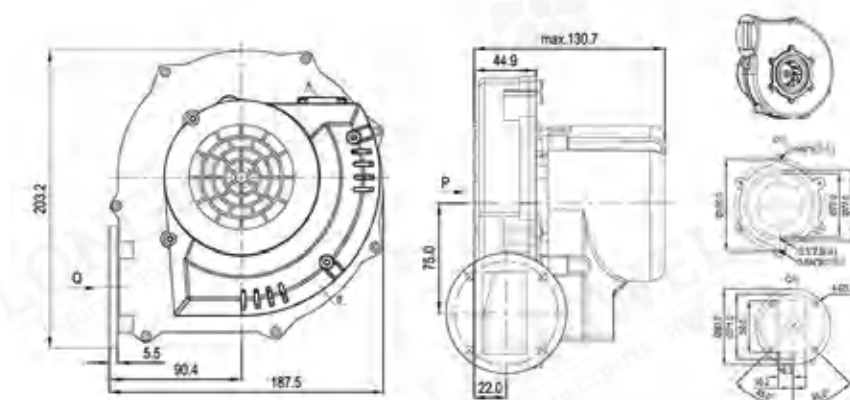


- **Application:** Fume/Smoke extraction,Dental equipment,Care equipment,Combustion equipment,Air-purification equipment, Wall-hanging stove, boiler water heating and other kinds of gas heating equipment and food processing equipment
- **Feature:** Low noise,High efficiency and energy saving,Signal feedback,Speed regulation,Built in drive, Spark free impeller design,Sealed and cast aluminum fan housing,Sealed ball bearing,100% calibration and factory inspection

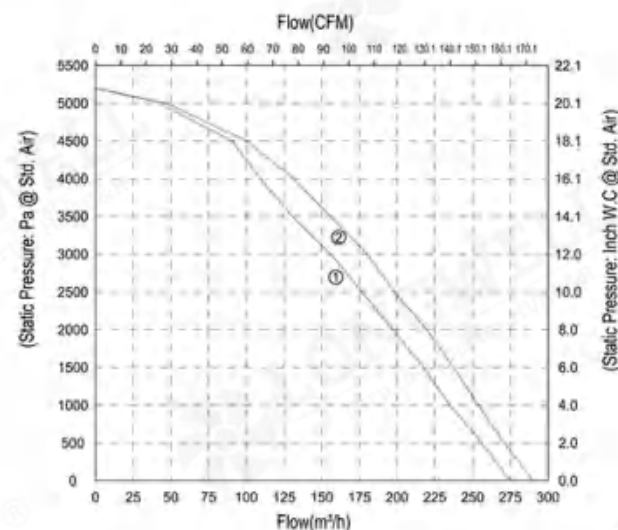
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max.Air Flow (m³/h)	Max.Air Flow (CFM)	Max.Vacuum (kPa)	Max.Vacuum (inH₂O)
LWBE80S-01	230	50/60	210	230	135	4.2	17
LWBE80U-02	120	50/60	120	190	112	3.1	12
LWBE80S-03	230	50/60	240	240	141	5.0	20
LWBE80U-04	120	50/60	300	250	147	5.0	20

Model	Speed Range (r/min)	Speed Control	Insulation Class	Operating Temperature (°C)	Noise [dB(A)]	Net Weight (kg)	Curve
LWBE80S-01	700~9500	ON/OFF/PWM	A	-15~50	83.5	1.80	①
LWBE80U-02	800~7900	ON/OFF/PWM	A	-15~50	76.5	1.80	②
LWBE80S-03	800~10000	ON/OFF/PWM	A	-15~50	83.5	1.80	④
LWBE80U-04	900~10000	ON/OFF/PWM	A	-15~50	83.5	2.30	③



8.3" Blower For Gas-Premix Heating Systems



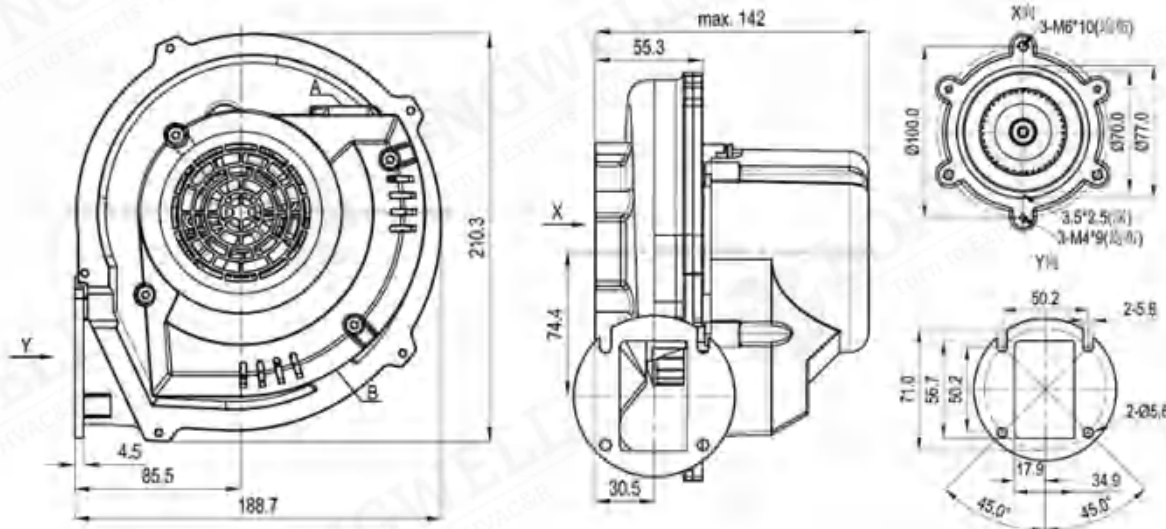
Product Characteristic

- Application: Fume/Smoke extraction, Dental equipment, Care equipment, Air-purification equipment, Wall-hanging stove, boiler water heating and other kinds of gas heating equipment and food processing equipment
- Feature: Low noise, High efficiency and energy saving, Signal feedback, Speed regulation, Built in drive, Spark free impeller design, Sealed and cast aluminum fan housing, Sealed ball bearing, 100% calibration and factory inspection

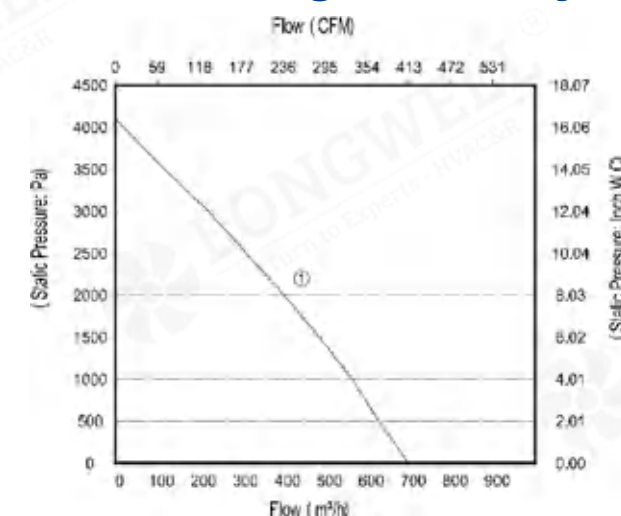
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max. Air Flow (m³/h)	Max. Air Flow (CFM)	Max. Vacuum (kPa)	Max. Vacuum (inH₂O)
LWBE83S-01	230	50/60	280	270	158.9	5.2	20.9
LWBE83S-02	230	50/60	340	290	170.7	5.2	20.9

Model	Speed Range (r/min)	Speed Control	Insulation Class	Operating Temperature (°C)	Noise [dB(A)]	Net Weight (kg)	Curve
LWBE83S-01	950~10000	ON/OFF/PWM	F	-15~50	83.5	2.20	①
LWBE83S-02	950~10000	ON/OFF/PWM	F	-15~50	83.5	2.20	②



10.1" Tangential By Pass Brushless Blower



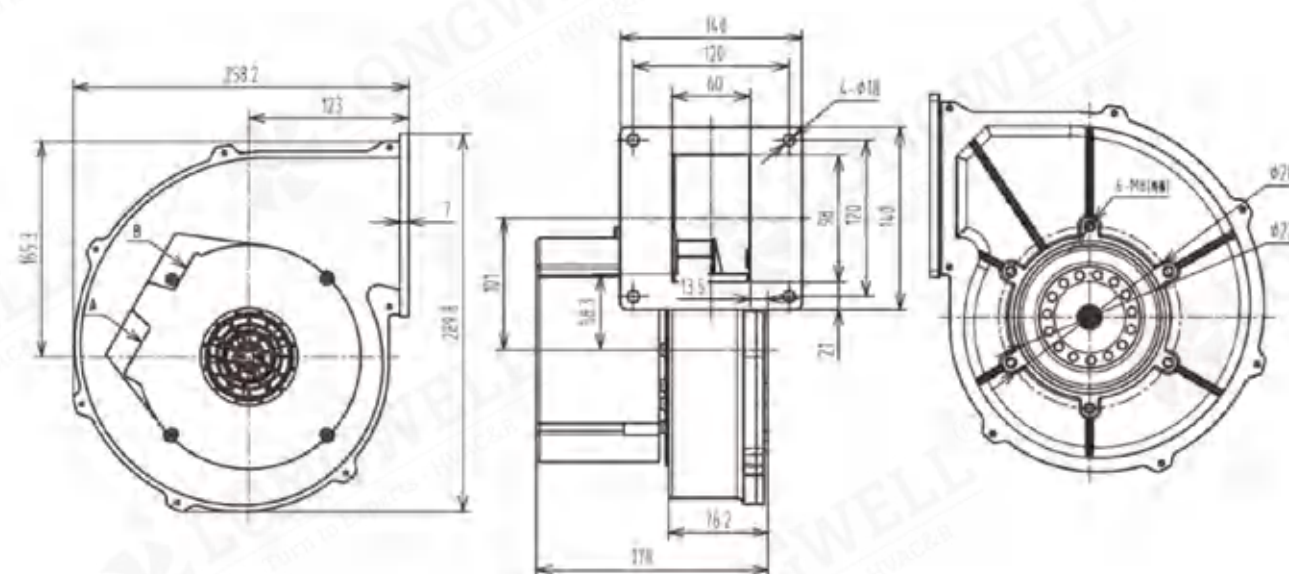
Product Characteristic

- Application: Fume/Smoke extraction, Laser machine
- Feature: Powerful Air flow, high pressure, high efficiency, energysaving, environmental protection, small, long life, adjustable ect., 100% calibration and factory inspection

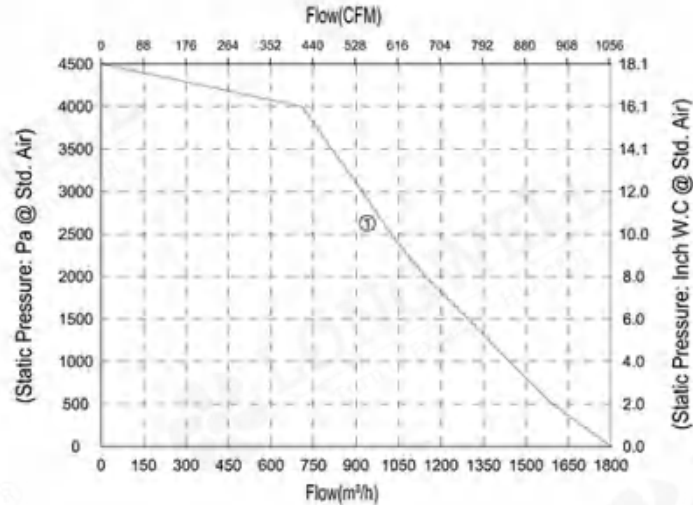
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max. Air Flow (m³/h)	Max. Air Flow (CFM)
LWBE101S-01	230	50/60	470	698	411.8

Model	Max. Vacuum (kPa)	Max. Vacuum (inH₂O)	Max. Speed (r/min)	Speed Control	Net Weight (kg)
LWBE101S-01	4.1	16.5	8100	0~10VDC/PWM	3.8



15.4" Tangential By Pass Brushless Blower



Product Characteristic

- Application: Fume/Smoke extraction,Laser machine
- Feature: High air volume,Medium negative pressure,High efficiency and energy saving,Long life,Speed regulation,Signal feedback,100% calibration and factory inspection

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max.Air Flow (m³/h)	Max.Air Flow (CFM)	Max.Vacuum (kPa)	Max.Vacuum (inH₂O)
LWBE154S(T)-01	220/380	50/60	1300	1800	1059.4	4.5	18.0

Model	Speed Range (r/min)	Speed Control	Insulation Class	Operating Temperature (°C)	Noise [dB(A)]	Net Weight (kg)	Curve
LWBE154S(T)-01	1300~5900	0~10VDC/PWM	F	60	89	11.5	①

