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



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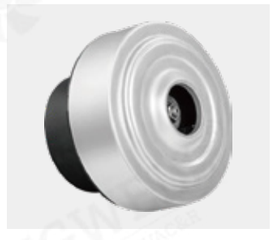
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Professional Manufacturer of HVACR Fan & Motors

—— Brushless Blower

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LONGWELL®
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Brushless Blower

Professional HVAC Fan &Motors Manufacturer



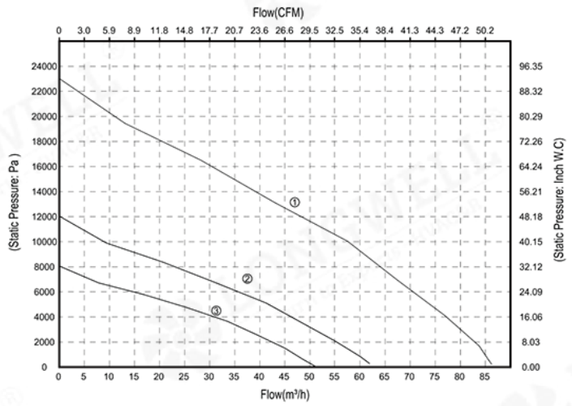
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Type Code

LW B D 26 M - 01

- LW-Longwell
- B-Brushless Blower
- A-AC D-DC E-EC
- Diameter(inches)
- T-380VAC S-230VAC U-115V
  L-12VDC M-24VDC J-36VDC
  H-48VDC Z-310VDC
- Series number

2.6" Low Voltage High Speed Brushless DC Fan





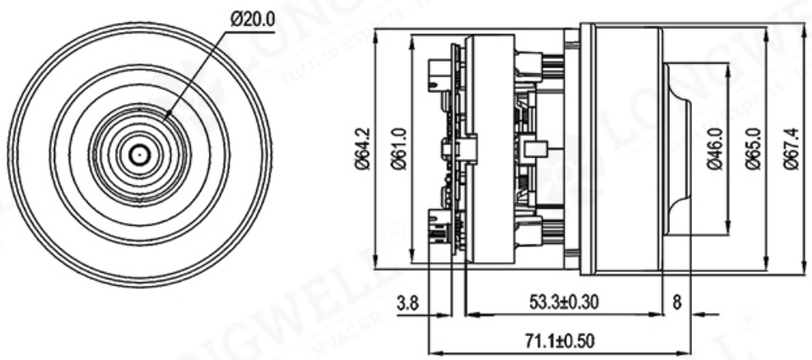
Product Characteristic

- 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

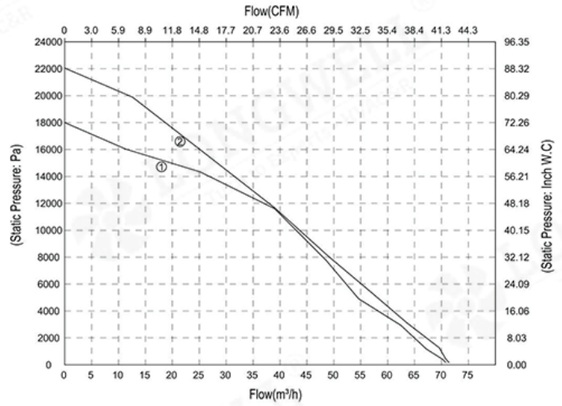
Technical Specifications

Model	Voltage (V)	Max. Input Power (W)	Max.Air Flow (m³/h)	Max.Air Flow (CFM)	Max.Vacuum (kPa)	Max.Vacuum (inH₂O)
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





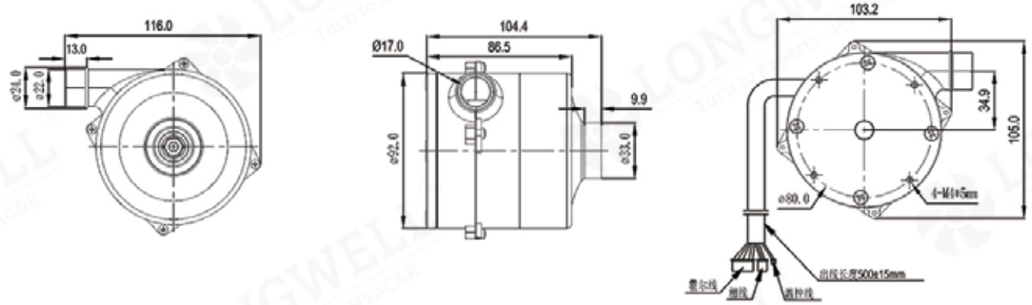
Product Characteristic

- 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

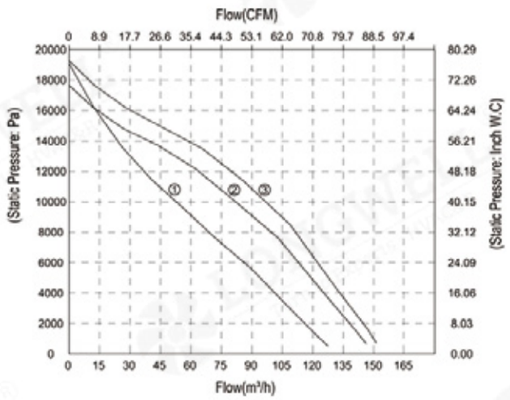
Technical Specifications

Model	Voltage (V)	Max. Input Power (W)	Max.Air Flow (m³/h)	Max.Air Flow (CFM)	Max.Vacuum (kPa)	Max.Vacuum (inH₂O)
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





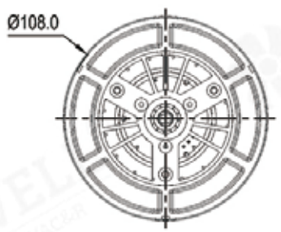
Product Characteristic

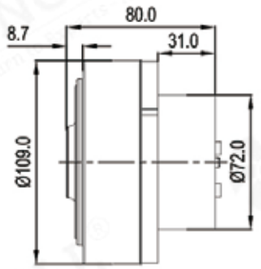
- Application: Fume/Smoke extraction,Vacuum cleaner,Sprayer,Hand dryer
- Feature: High efficiency&energy saving,High negative pressure,Penetrating forced heat dissipation,Long life, Signal feedback,Speed regulation,Low voltage,Battery powered,100% calibration and factory inspection

Technical Specifications

Model	Voltage (V)	Max. Input Power (W)	Max.Air Flow (m³/h)	Max.Air Flow (CFM)	Max.Vacuum (kPa)	Max.Vacuum (inH_2O)
LWBD43M-01	24	350	120	71	19	76
LWBD43J-02	36	500	138	81	18	72
LWBD43H-03	48	600	150	88	20	80

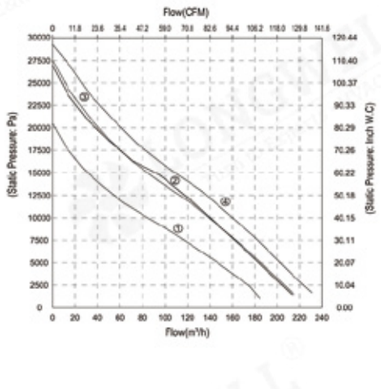
Model	Max.Speed (r/min)	Speed Control	Insulation Class	Noise [dB(A)]	Net Weight (kg)	Curve
LWBD43M-01	34350	0-5VDC	F	95	0.60	①
LWBD43J-02	32500	0-5VDC	F	95	0.60	②
LWBD43H-03	35250	0-5VDC	F	86	0.60	③







5.1" Through Flow Brushless Blower







Product Characteristic

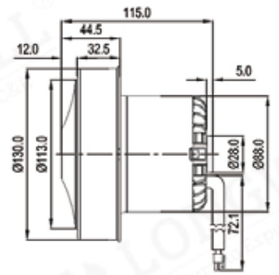
- Application: Fume/Smoke extraction,Sprayer,Hand dryer,Dental equipment,Care equipment,Laser machine
- Feature: High efficiency and energy saving,High negative pressure, Penetrating forced heat dissipation, Long life,Signal feedback, Speed regulation,100% calibration and factory inspection

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_2O)
LWBE51S-01	230	50/60	330	138	81	9	36
LWBE51S-02	230	50/60	500	180	106	20.5	82
LWBE51U-03	120	50/60	800	204	120	26.3	105
LWBE51S-04	230	50/60	800	210	124	27.5	110
LWBE51S-05	230	50/60	1000	222	131	29.3	117
LWBE51S-06	230	50/60	1200	210	124	28	112
LWBE51U-07	110	50/60	1400	95	56	25	100
LWBE51S-08	230	50/60	1600	102	60	26.4	106

Model	Max.Speed (r/min)	Speed Control	Insulation Class	Noise [dB(A)]	Net Weight (kg)	Curve
LWBE51S-01	29400	PWM/0-5VDC	F	86	0.65	⑤
LWBE51S-02	34000	PWM/0-5VDC	F	91	0.70	①
LWBE51U-03	40000	PWM/0-5VDC	F	96	1.30	②
LWBE51S-04	41700	PWM/0-5VDC	F	96	1.30	③
LWBE51S-05	44550	PWM/0-5VDC	F	97	1.30	④
LWBE51S-06	41000	PWM/0-5VDC	F	98	1.30	⑥
LWBE51U-07	38000	PWM/0-5VDC	F	92	1.30	⑦
LWBE51S-08	40000	PWM/0-5VDC	F	95	1.30	⑧

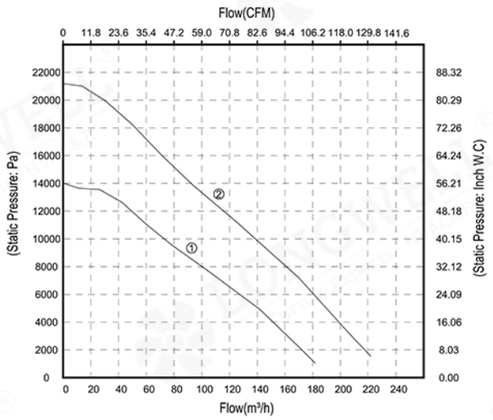






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5.7" Tangential By Pass Brushless Blower





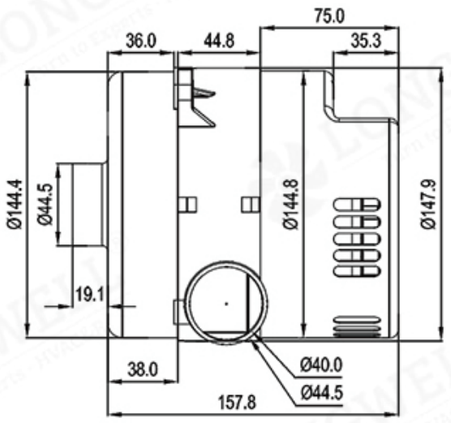
Product Characteristic

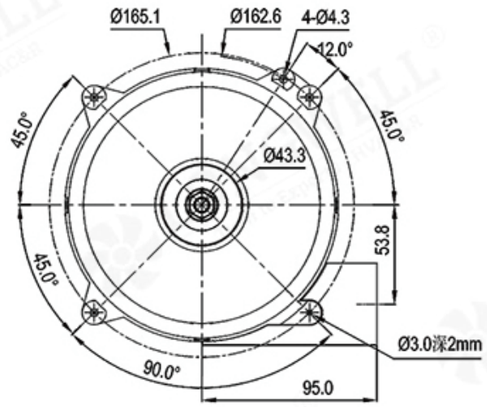
- Application: Fume/Smoke extraction,Sprayer,Sterilizer,Medical equipment,Care equipment,Laser machine, Environmental protection equipment,Printing Machine,Lithium electricity equipment
- Feature: High efficiency and energy saving,High negative pressure,Side air outlet,Long life,Built in drive, Signal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

Technical Specifications

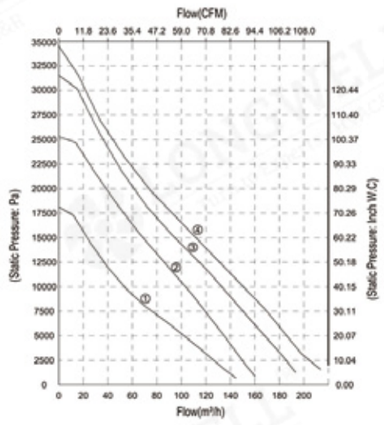
Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max.Air Flow (m^3/h)	Max.Air Flow (CFM)	Max.Vacuum (kPa)	Max.Vacuum (inH_2O)
LWBE57S-01	230	50/60	600	174	102	14.1	56
LWBE57S-02	230	50/60	1200	210	124	21.4	86

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





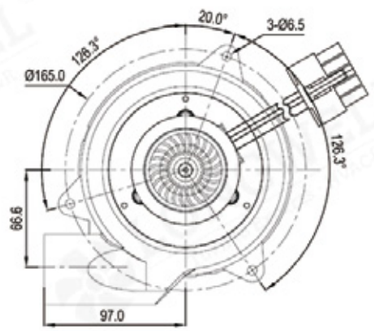
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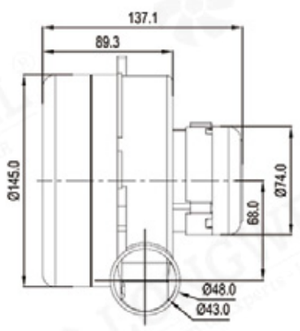
- Application: Fume/Smoke extraction,Sprayer,Dental equipment,Care equipment,Laser machine,Sterilization equipment
- Feature: High efficiency and energy saving,High negative pressure,Side air outlet,Long life,Signal feedback, Speed regulation,100% calibration and factory inspection

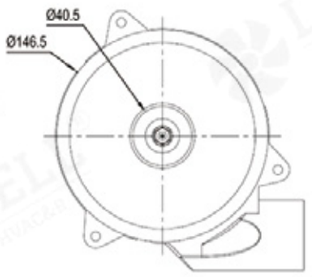
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max.Air Flow (m^3/h)	Max.Air Flow (CFM)	Max.Vacuum (kPa)	Max.Vacuum (inH_2O)
LWBE60S-01	230	50/60	500	145	85	18	73
LWBE60S-02	230	50/60	800	156	92	25	100
LWBE60S-03	230	50/60	1200	174	102	28	112
LWBE60S(T)-04	230/380	50/60	1600	213	125	34	136

Model	Max.Speed (r/min)	Speed Control	Insulation Class	Noise [dB(A)]	Net Weight (kg)	Curve
LWBE60S-01	20580	PWM/0-5VDC	F	88	2.60	①
LWBE60S-02	25400	PWM/0-5VDC	F	91	2.60	②
LWBE60S-03	28500	PWM/0-5VDC	F	92	2.60	③
LWBE60S(T)-04	30940	PWM/0-5VDC	F	95	2.60	④

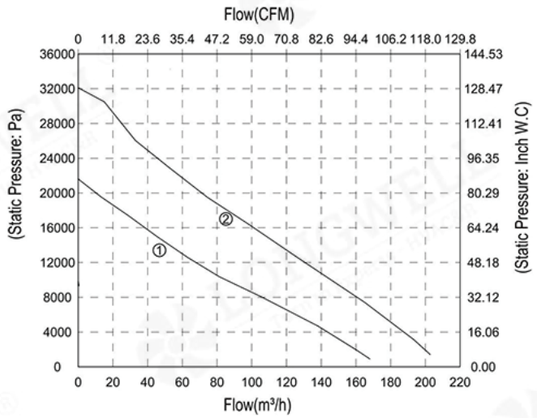






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6.0" Preripheral By Pass Brushless Blower





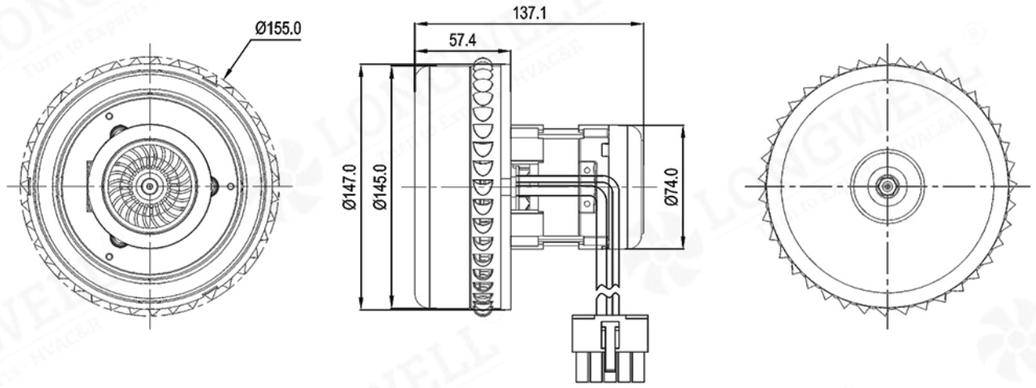
Product Characteristic

- 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

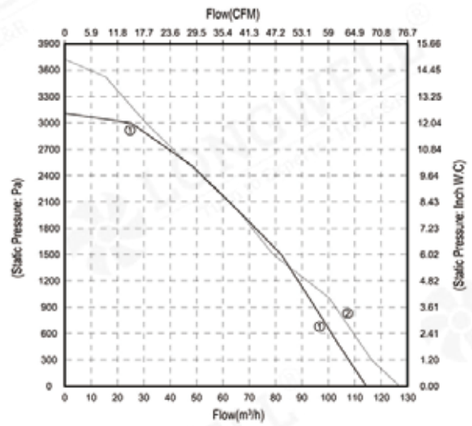
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max.Air Flow (m^3/h)	Max.Air Flow (CFM)	Max.Vacuum (kPa)	Max.Vacuum (inH_2O)
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





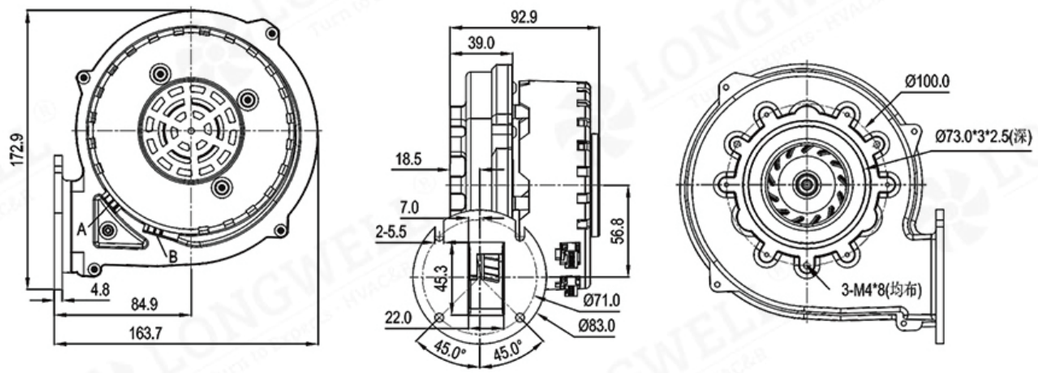
Product Characteristic

- Application: Fume/Smoke extraction,Dental equipment,Care equipment,Wall-hanging stove, boiler water heating and other kinds ofgas 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

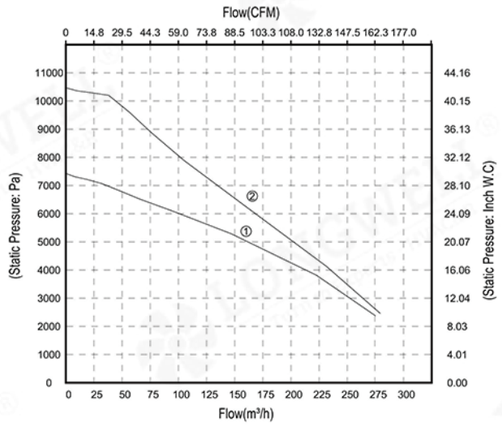
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max.Air Flow (m^3/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_2O)	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



7.3" Tangential By Pass Brushless Blower





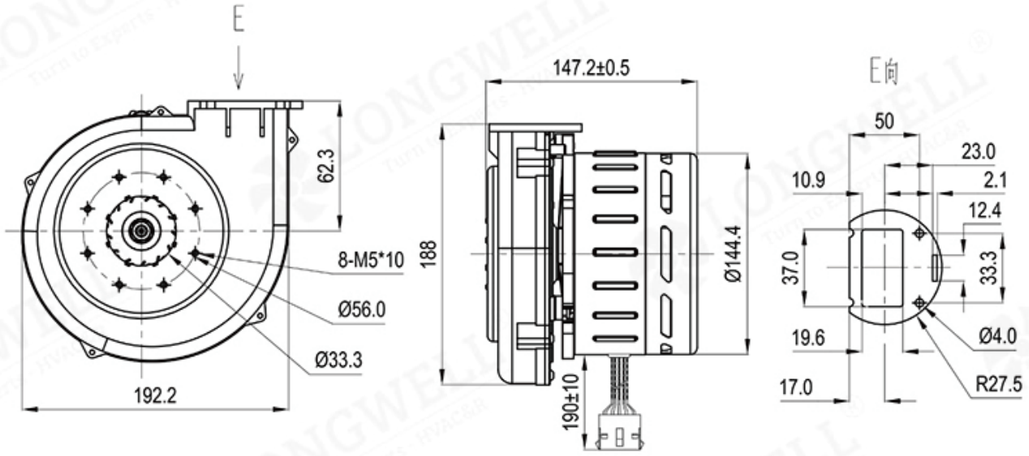
Product Characteristic

- Application: Fume/Smoke extraction/Dust collector,Dental equipment,Packing equipment,Laser machine, Sterilizer,Environmental protection equipment,Combustion equipment,Air-purification equipment
- Feature: High efficiency,energy saving,environmental protection,small,long life,controllable ect. 100% calibration and factory inspection

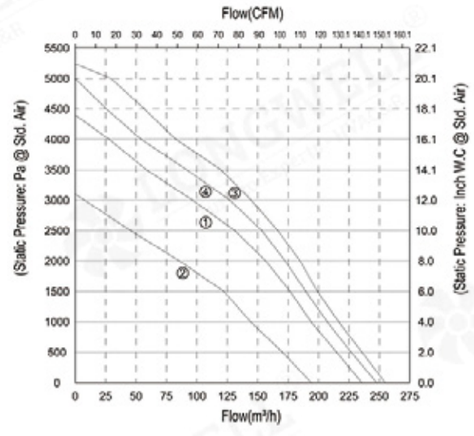
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max.Air Flow (m³/h)	Max.Air Flow (CFM)	Max.Vacuum (kPa)	Max.Vacuum (inH_2O)
LWBE73S-01	230	50/60	700	300	177	7	30
LWBE73S-02	230	50/60	1200	370	218	10	41

Model	Max.Speed (r/min)	Speed Control	Insulation Class	Noise [dB(A)]	Net Weight (kg)	Curve
LWBE73S-01	12200	PWM/0-10VDC	F	93	2.52	①
LWBE73S-02	15000	PWM/0-10VDC	F	95	2.52	②



8.0" Blower For Gas-Premix Heating Systems





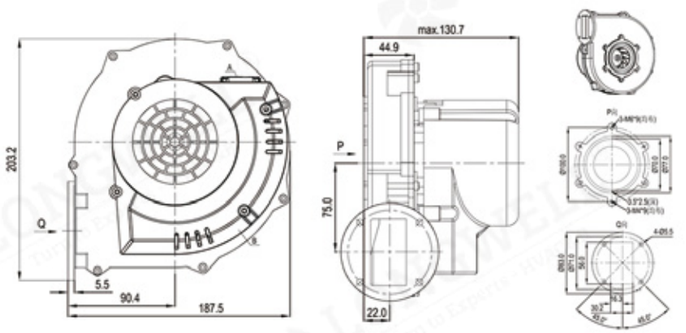
Product Characteristic

- 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 inspecfion

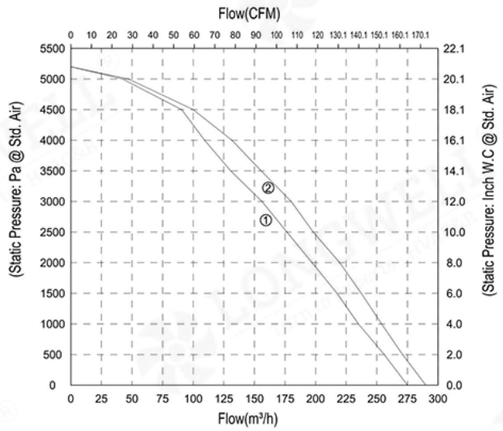
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max.Air Flow (m³/h)	Max.Air Flow (CFM)	Max.Vacuum (kPa)	Max.Vacuum (inH_2O)
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





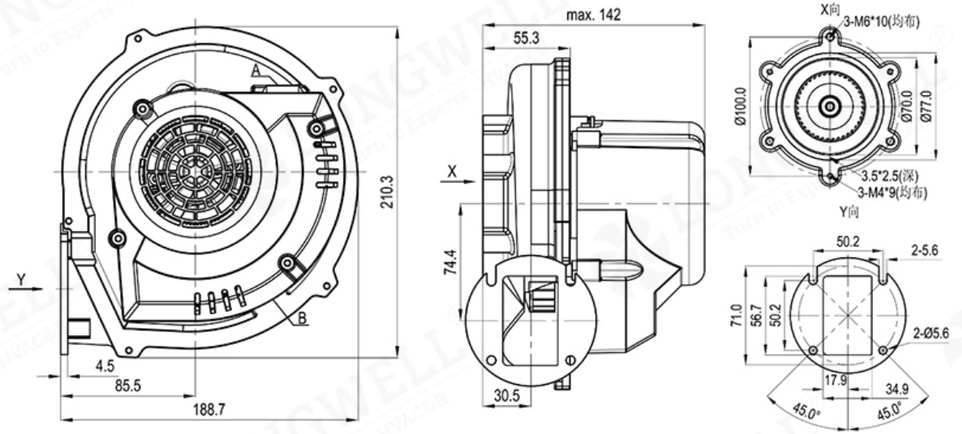
Product Characteristic

- 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 inspecfion

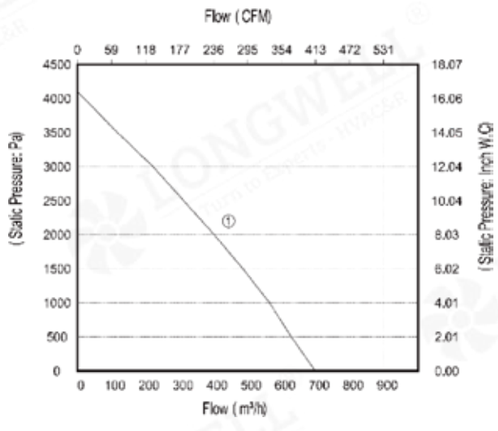
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max.Air Flow (m^3/h)	Max.Air Flow (CFM)	Max.Vacuum (kPa)	Max.Vacuum (inH_2O)
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





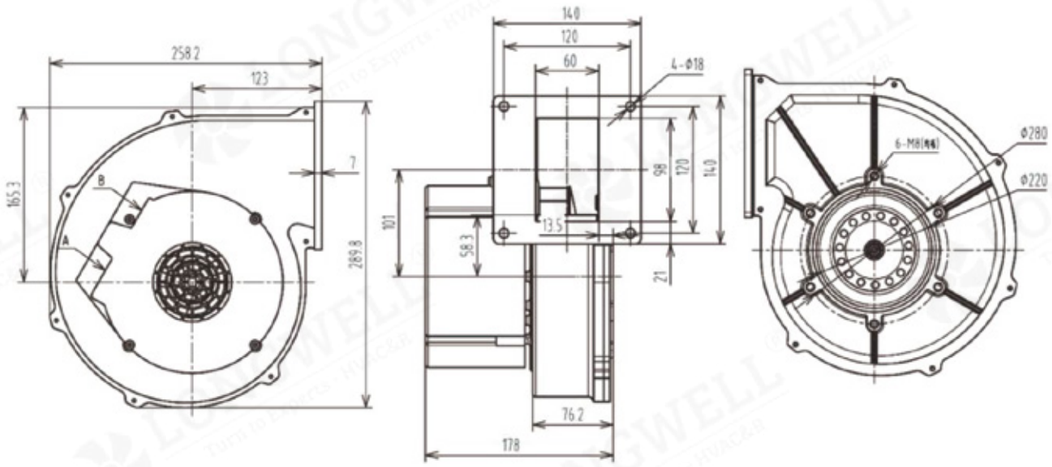
Product Characteristic

- 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 inspecfion

Technical Specifications

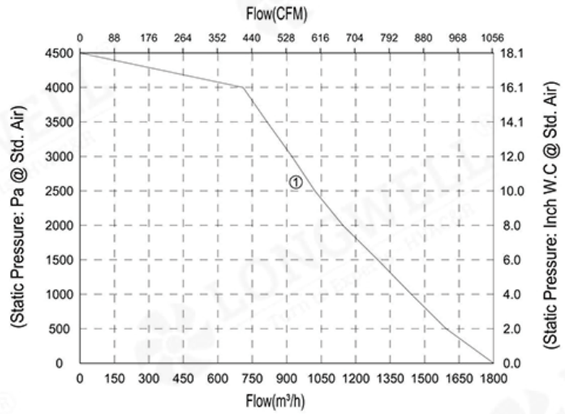
Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max.Air Flow (m^3/h)	Max.Air Flow (CFM)
LWBE101S-01	230	50/60	470	698	411.8

Model	Max.Vacuum (kPa)	Max.Vacuum (inH_2O)	Max. Speed (r/min)	Speed Control	Net Weight (kg)
LWBE101S-01	4.1	16.5	8100	0~10VDC/PWM	3.8



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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 inspecfion

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Max. Input Power (W)	Max.Air Flow (m^3/h)	Max.Air Flow (CFM)	Max.Vacuum (kPa)	Max.Vacuum (inH_2O)
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

