LONGWELL®
Turn to Experts - HVAC&R

EC Cross Flow Fan

Professional HVAC Fan &Motors Manufacturer



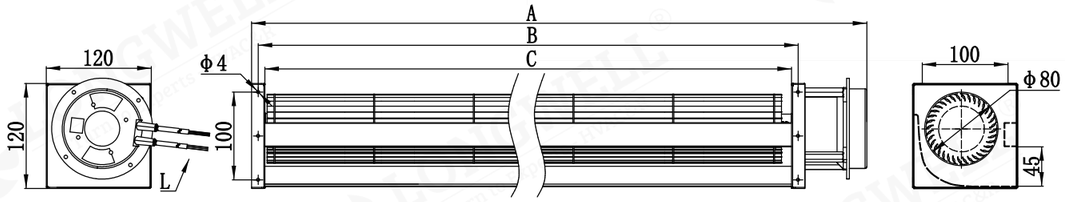
Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

LWCE-80 Series

Product Characteristic

- Motor Type : EC External Rotor Motor
- Voltage : 230V
- Housing Material : Steel+Aluminum Alloy
- Blade Material : Aluminum Alloy
- Insulation Class : B
- Speed Control : 0-10V/PWM
- Signal Output : FG
- Bearing Type: Ball bearing
- Operation Temperature : - 25 ℃ ~ +60 ℃

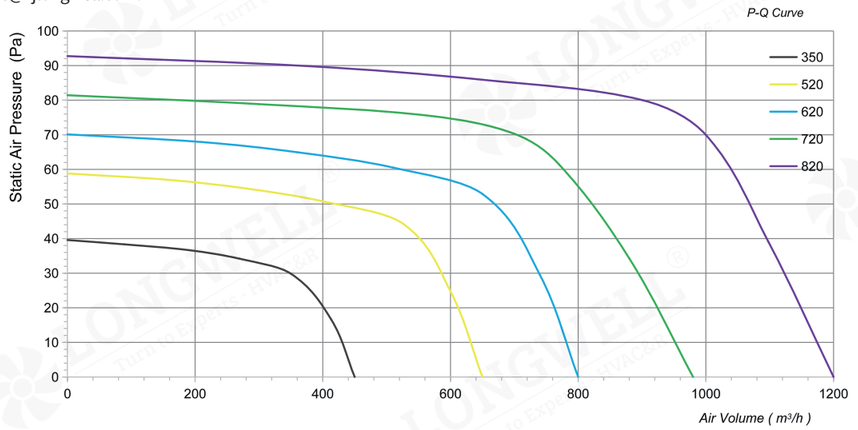




Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Frequency (Hz)	Power (W)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCE-80350SN-06	473	365	350	230	50/60	16	1500	40	450	51	Single
LWCE-80520SN-06	643	535	520	230	50/60	23	1500	59	650	53	Single
LWCE-80620SN-06	743	635	620	230	50/60	31	1500	70	800	54	Single
LWCE-80720SN-06	843	735	720	230	50/60	39	1500	81	980	55	Single
LWCE-80820SN-06	943	835	820	230	50/60	52	1500	93	1200	56	Single

Note: All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.



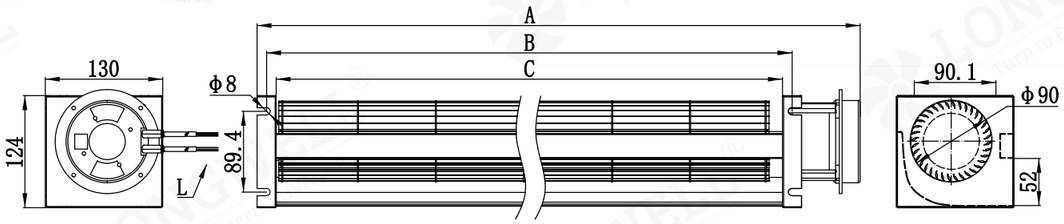
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LWCE-90 Series

Product Characteristic

- Motor Type : EC External Rotor Motor
- Voltage : 230V
- Housing Material : Steel+Aluminum Alloy
- Blade Material : Aluminum Alloy
- Insulation Class : B
- Speed Control : 0-10V/PWM
- Signal Output : FG
- Bearing Type: Ball bearing
- Operation Temperature : - 25 ℃ ~ +60 ℃

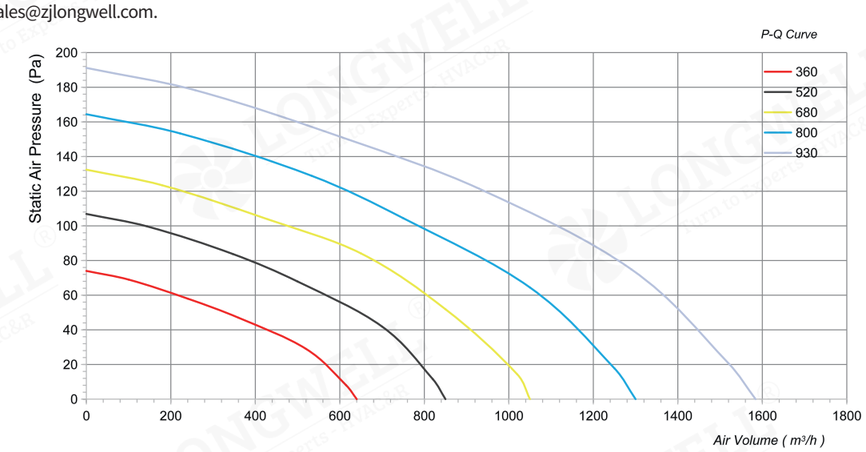




Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Frequency (Hz)	Power (W)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCE-90360SN-06	489	381	360	230	50/60	27	1500	74	640	53	Single
LWCE-90520SN-06	654	546	520	230	50/60	40	1500	107	850	54	Single
LWCE-90680SN-06	809	701	680	230	50/60	60	1500	132	1050	55	Single
LWCE-90800SN-06	929	821	800	230	50/60	64	1500	164	1300	58	Single
LWCE-90930SN-06	1059	951	930	230	50/60	68.7	1500	191	1584	59	Single

Note: All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.

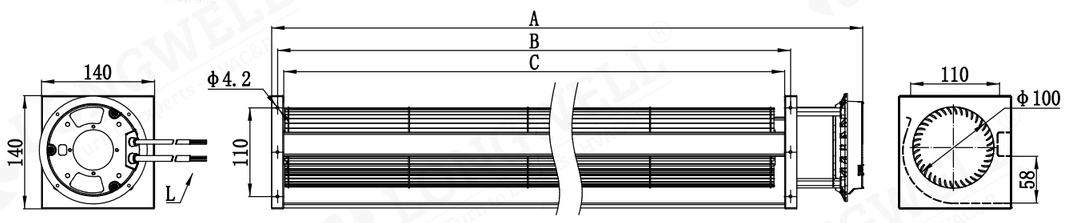


LWCE-100 Series

Product Characteristic

- Motor Type : EC External Rotor Motor
- Voltage : 230V
- Housing Material : Steel+Aluminum Alloy
- Blade Material : Aluminum Alloy
- Insulation Class : B
- Speed Control : 0-10V/PWM
- Signal Output : FG
- Bearing Type: Ball bearing
- Operation Temperature : - 25 ℃ ~ +60 ℃

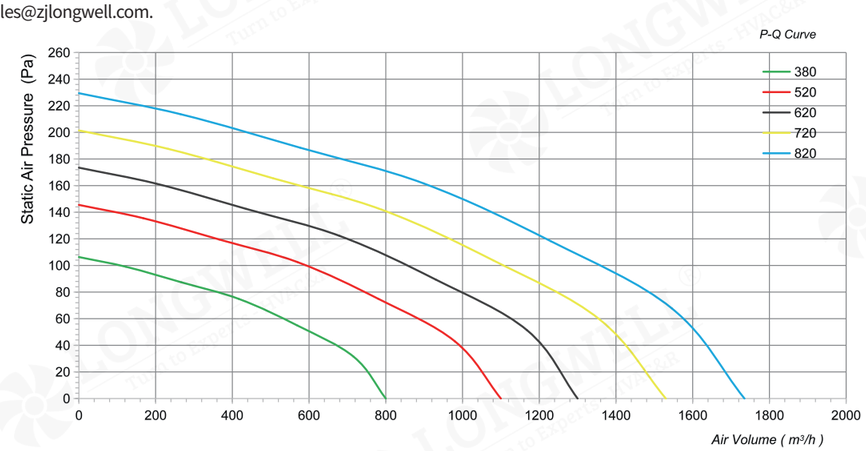




Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Frequency (Hz)	Power (W)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCE-100380SN-06	503	395	380	230	50/60	32	1500	106	800	55	Single
LWCE-100520SN-06	643	535	520	230	50/60	55	1500	145	1100	58	Single
LWCE-100620SN-06	739	635	620	230	50/60	70	1500	173	1300	59	Single
LWCE-100720SN-06	839	735	720	230	50/60	75	1500	201	1530	60	Single
LWCE-100820SN-06	939	835	820	230	50/60	80	1500	229	1735	61	Single

Note: All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.



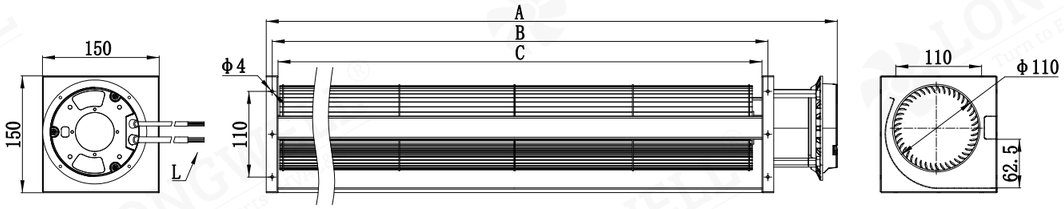
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LWCE-110 Series

Product Characteristic

- Motor Type : EC External Rotor Motor
- Voltage : 230V
- Housing Material : Steel+Aluminum Alloy
- Blade Material : Aluminum Alloy
- Insulation Class : B
- Speed Control : 0-10V/PWM
- Signal Output : FG
- Bearing Type: Ball bearing
- Operation Temperature : - 25 ℃ ~ +60 ℃

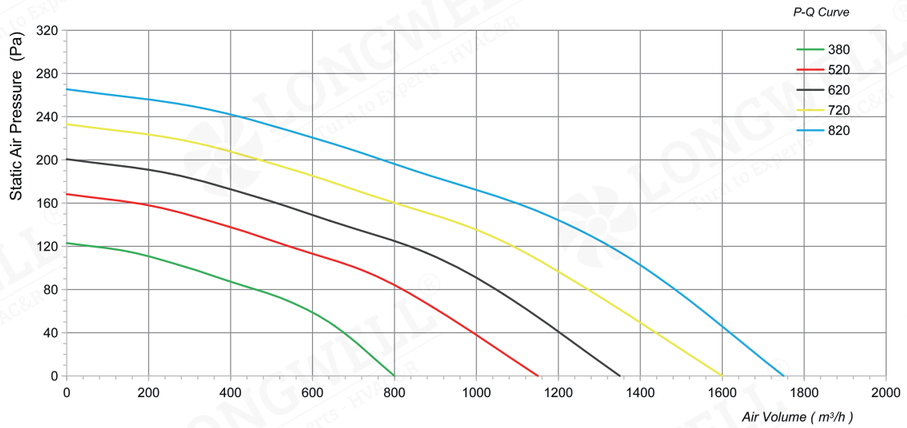




Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Frequency (Hz)	Power (W)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCE-110380SN-06	499	395	380	230	50/60	70	1200	123	800	61	Single
LWCE-110520SN-06	639	535	520	230	50/60	100	1200	168	1150	63	Single
LWCE-110620SN-06	739	635	620	230	50/60	120	1500	201	1350	66	Single
LWCE-110720SN-06	839	735	720	230	50/60	132	1500	223	1600	67	Single
LWCE-110820SN-06	975	835	820	230	50/60	146	1500	265	1750	68	Single

Note: All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.

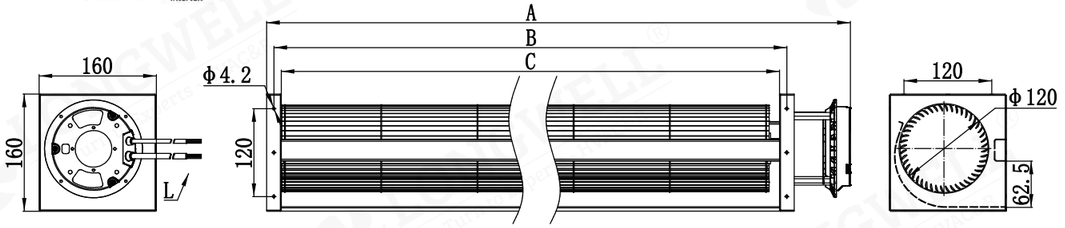


LWCE-120 Series

Product Characteristic

- Motor Type : EC External Rotor Motor
- Voltage : 230V
- Housing Material : Steel+Aluminum Alloy
- Blade Material : Aluminum Alloy
- Insulation Class : B
- Speed Control : 0-10V/PWM
- Signal Output : FG
- Bearing Type: Ball bearing
- Operation Temperature : - 25 ℃ ~ +60 ℃

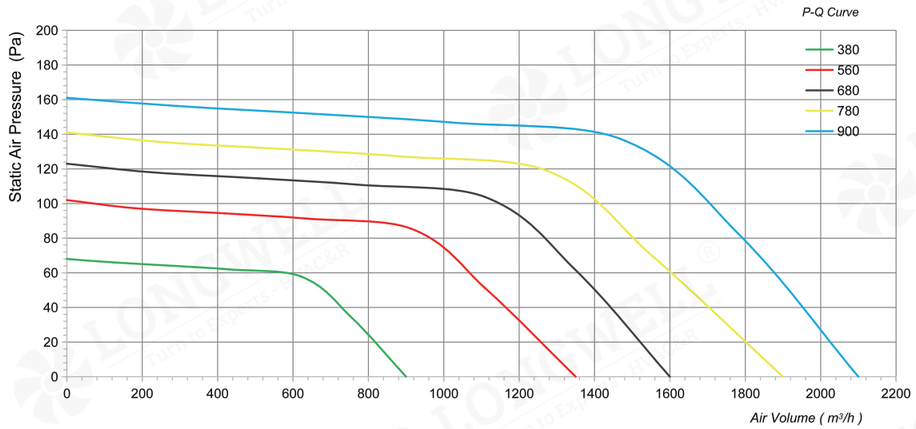




Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Frequency (Hz)	Power (W)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCE-120380SN-06	504	400	380	230	50/60	53	1350	68	900	63	Single
LWCE-120560SN-06	684	580	560	230	50/60	70	1350	102	1350	65	Single
LWCE-120680SN-06	804	700	680	230	50/60	80	1350	123	1600	67	Single
LWCE-120780SN-06	940	800	780	230	50/60	92	1350	141	1900	71	Single
LWCE-120900SN-06	1060	920	900	230	50/60	105	1350	161	2100	72	Single

Note: All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.



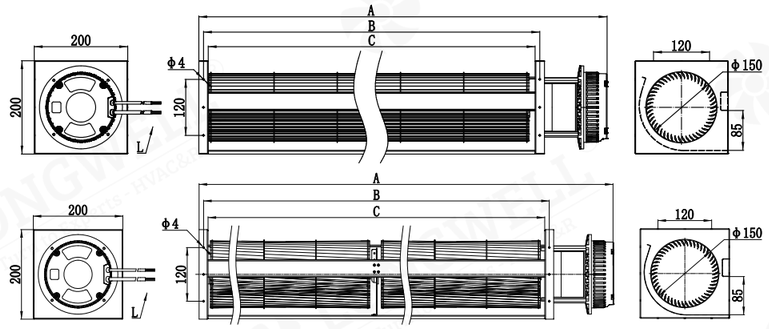
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LWCE-150 Series

Product Characteristic

- Motor Type : EC External Rotor Motor
- Voltage : 230V
- Housing Material : Steel+Aluminum Alloy
- Blade Material : Aluminum Alloy
- Insulation Class : B
- Speed Control : 0-10V/PWM
- Signal Output : FG
- Bearing Type: Ball bearing
- Operation Temperature : - 25 ℃ ~ +60 ℃

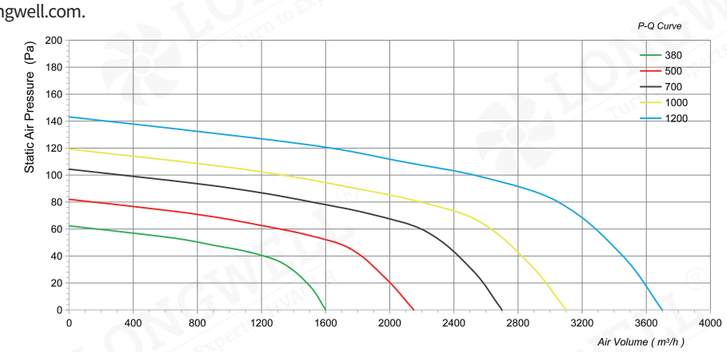




Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Frequency (Hz)	Power (W)	Speed (RPM)	Pressure (Pa)	Air Flow (m^3/h)	Noise [dB(A)]	Blower
LWCE-150380SN-06	504	400	380	230	50/60	70	1100	62	1600	69	Single
LWCE-150500SN-06	624	520	500	230	50/60	145	1100	82	2150	70	Single
LWCE-150700SN-06	860	720	700	230	50/60	250	1000	104	2700	71	Single
LWCE-1501000SN-06	1160	1020	1000	230	50/60	350	800	119	3100	72	Double
LWCE-1501200SN-06	1360	1220	1200	230	50/60	450	800	143	3700	75	Double

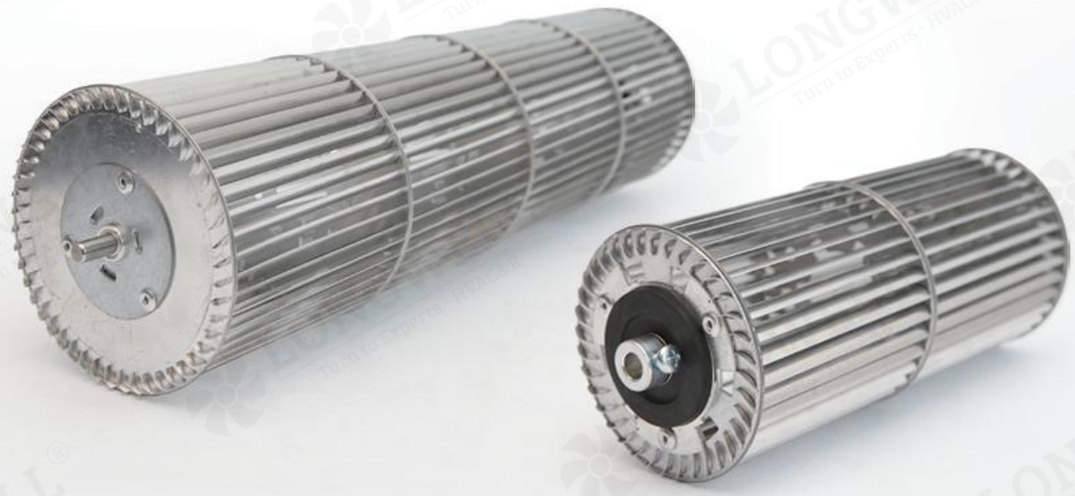
Note: All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.



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Cross Flow Impeller

Professional HVAC Fan &Motors Manufacturer



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Cross Flow Impeller

Product Characteristic

- Features: Low Noise; High Air-Quqantity; Good Balance; Hightensile; Lightinweight.
- Used: Electrical Fireplace,Microwave, Dishwasher,Warmer, Air-Conditioner, Air Curtain, Air Door, Groud-heating, Air-condition, electron cooling, aeration cooling, Vehicle Air-condition, etc.



Technical Specifications

Wheel Dia	Wheel Length	Number Of Blade	Wheel Material
Φ 30	150,200,250,300,350	20	Aluminum Alloy Plate
Φ 43	135,150,180,200,240,300	20	
Φ 45	115,150,180,200,240,300	20	
Φ 52	141,...360	20	
Φ 60	120,180,240,300,360,420,480	22/24	
Φ 65	180,240,300,350,...480	22	
Φ 71	145,...600	25	
Φ 81	145,380,391,480,550,630,...800	30	
Φ 90	145,380,391,480,550,630,...800	35	
Φ 100	360,480,550,630,700,...1000	40	
Φ 110	360,480,550,635,700,...1000	45	
Φ 120	360,480,550,660,680,706,...1000	48	
Φ 150	360,480,515,580,660,680,810,880,...1050	50	

Note: