

Type Code

LW C A 30 300 S N - 01

Series Number:01-99

G-With Grid N-No Grid

Voltage:S-230V U-115V L-12V
M-24V H-48V

Length of air outlet / Length of impeller

Diameter of rotor

Voltage:A-AC D-DC E-EC

Fan type:Cross flow fan

LW-Longwell

N-No Grid



G-With Grid



DC Cross Flow Fan

Professional HVAC Fan & Motors Manufacturer



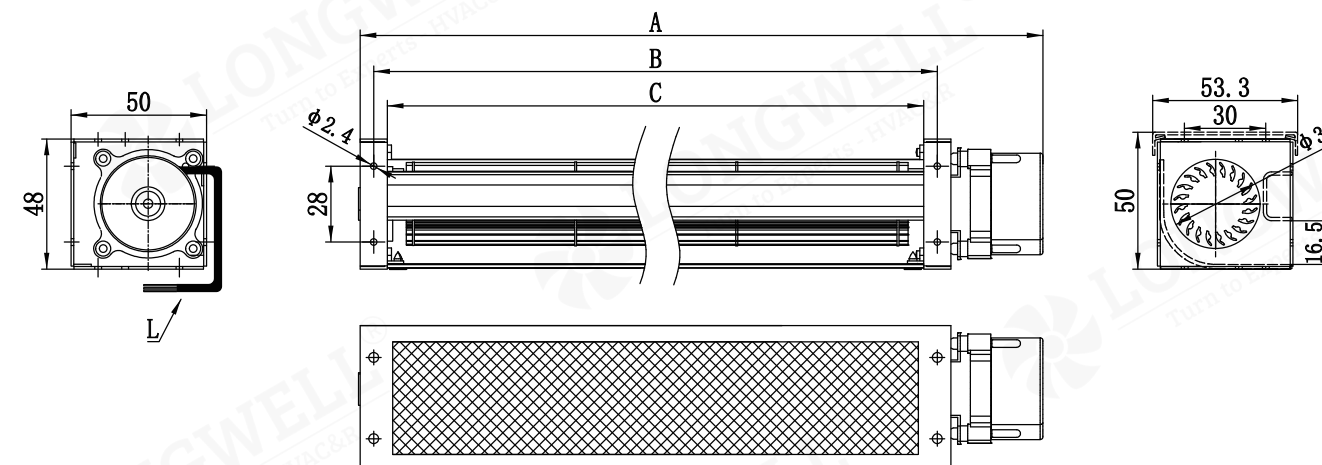
LWCD-30 Series

Product Characteristic

- Motor Type : 3 Phase BLDC Motor
- Voltage : 12V/24V
- 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 ℃



Product Drawing (mm)



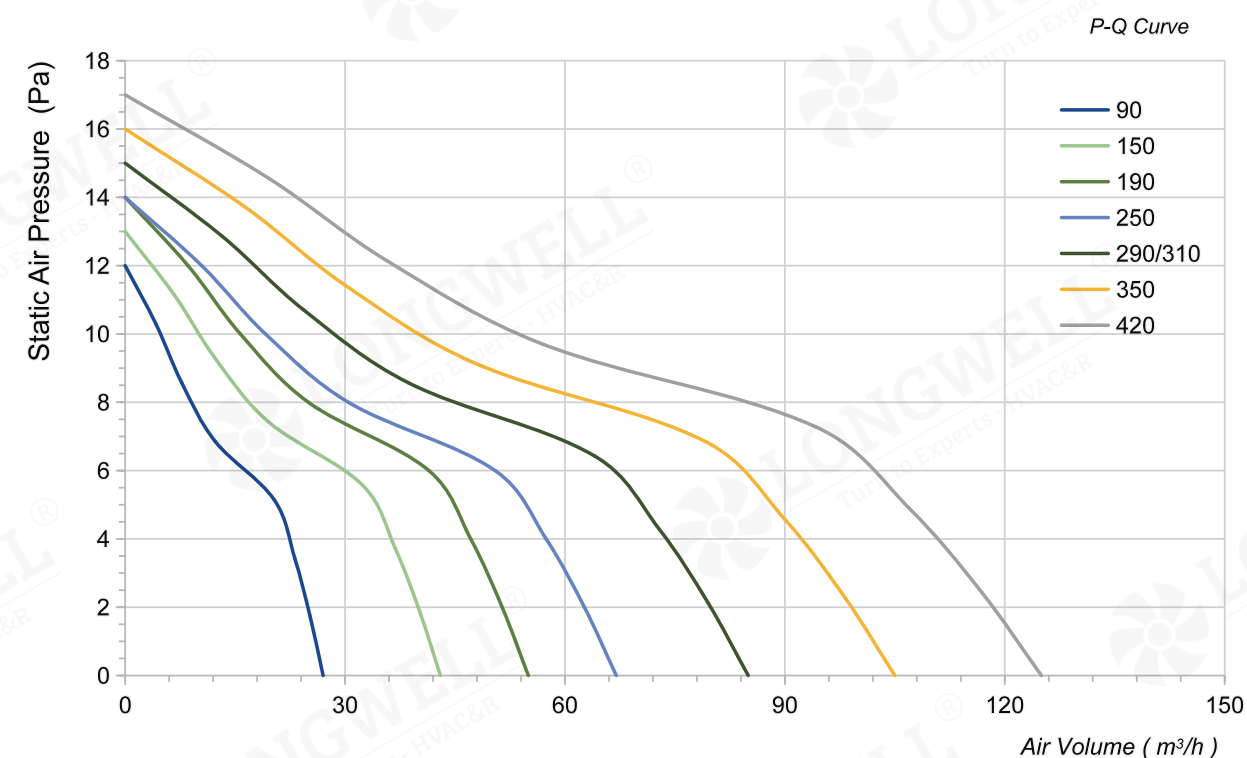
Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Current (A)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-3090LN-06	152	108	98	12	0.09	2400	12	27	26	Single
LWCD-3090MN-07	152	108	98	24	0.04	2400	12	27	26	Single
LWCD-30150LN-06	214	170	160	12	0.1	2400	13	43	27	Single
LWCD-30150MN-07	214	170	160	24	0.05	2400	13	43	27	Single
LWCD-30190LN-06	252	208	198	12	0.1	2400	14	55	29	Single
LWCD-30190MN-07	252	208	198	24	0.05	2400	14	55	29	Single
LWCD-30250LN-06	302	258	248	12	0.11	2400	14	67	32	Single
LWCD-30250MN-07	302	258	248	24	0.06	2400	14	67	32	Single
LWCD-30290LN-06	354	310	300	12	0.12	2400	15	85	33	Single
LWCD-30290MN-07	354	310	300	24	0.07	2400	15	85	33	Single
LWCD-30310MN-06	364	320	310	24	0.07	2400	15	85	33	Single
LWCD-30350LN-06	406	362	352	12	0.13	2400	16	105	34	Single
LWCD-30350MN-07	406	362	352	24	0.08	2400	16	105	34	Single
LWCD-30420LN-06	474	430	420	12	0.14	2400	17	125	34	Single
LWCD-30420MN-07	474	430	420	24	0.09	2400	17	125	34	Single
LWCD-30420MN-09	474	430	420	24	0.1	2600	17	125	34	Single

Note: 1. 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.

2. Code "-N" denotes that "fan without safety Grid", "G" denotes that "fan with safety Grid".

Flow Rate Curve



LWCD-30 Series

Product Characteristic

- Motor Type : 3 Phase BLDC Motor
- Voltage : 24V
- 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 ℃



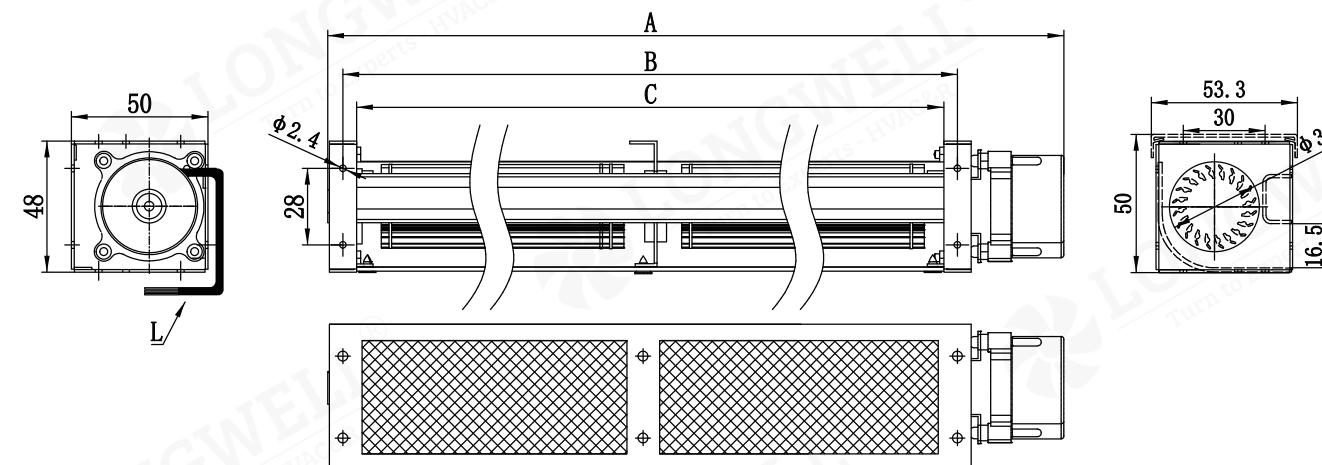
Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Current (A)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-30530MN-06	584	540	530	24	0.12	2400	17	137	32	Double
LWCD-30610MN-06	664	620	610	24	0.13	2400	18	158	33	Double
LWCD-30650MN-06	704	660	650	24	0.13	2400	18	168	34	Double
LWCD-30718MN-06	772	728	718	24	0.14	2400	19	185	35	Double
LWCD-30800MN-06	854	810	800	24	0.18	2400	19	207	36	Triple
LWCD-30854MN-06	908	864	854	24	0.19	2400	20	221	36	Triple
LWCD-30920MN-06	974	930	920	24	0.21	2400	20	238	37	Triple
LWCD-30950MN-06	1004	960	950	24	0.21	2400	20	238	37	Triple
LWCD-30986MN-06	1040	996	986	24	0.22	2400	21	255	37	Triple
LWCD-301082MN-06	1136	1092	1082	24	0.24	2400	21	279	38	Triple

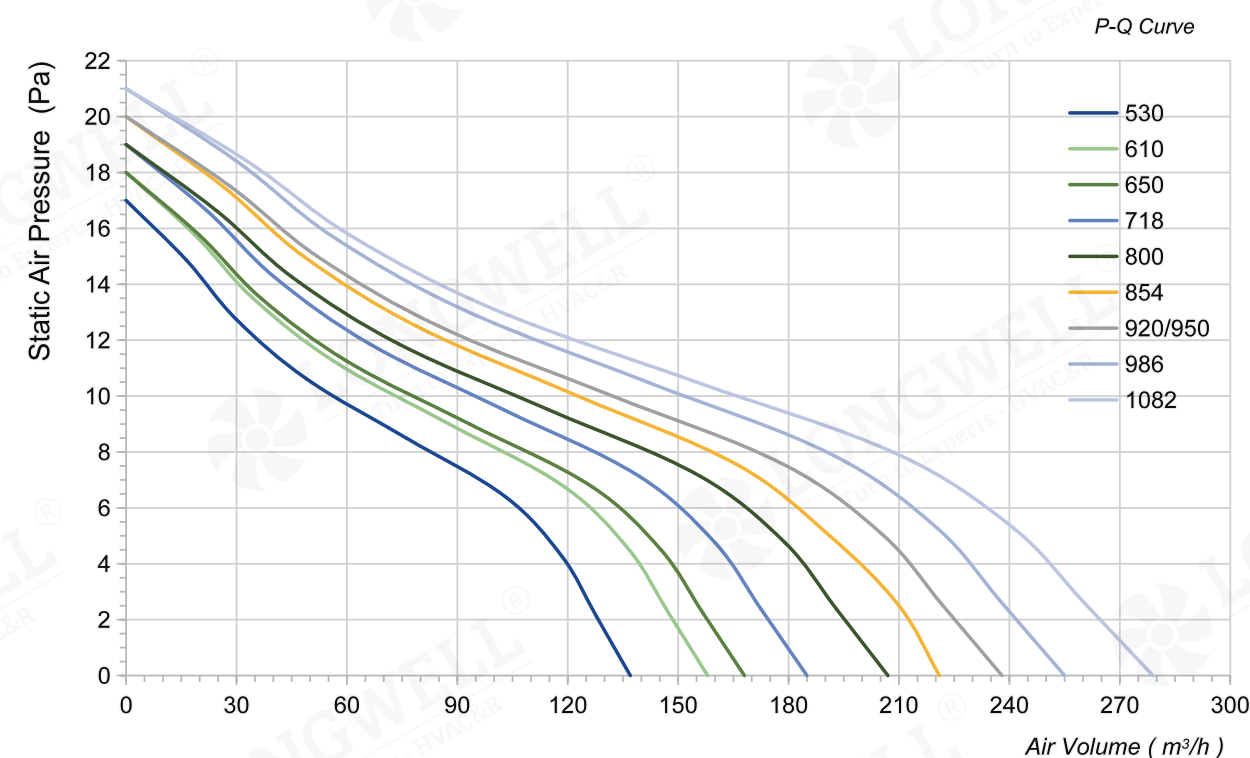
Note: 1. All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.

2. Code "-N" denotes that "fan without safety Grid", "G" denotes that "fan with safety Grid".

Product Drawing (mm)



Flow Rate Curve



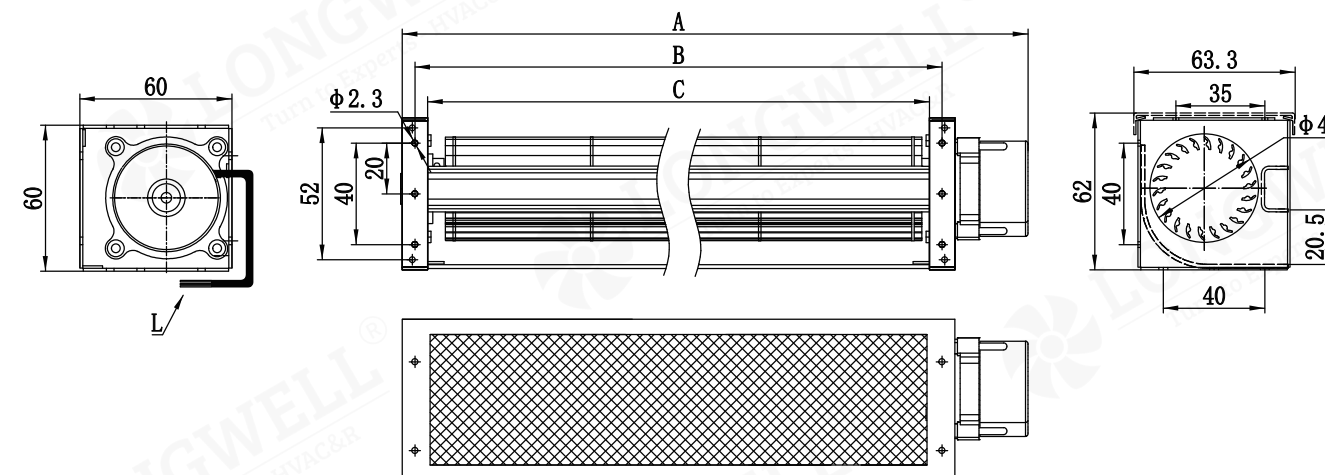
LWCD-40 Series

Product Characteristic

- Motor Type : 3 Phase BLDC Motor
- Voltage : 12V/24V
- 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 ℃



Product Drawing (mm)



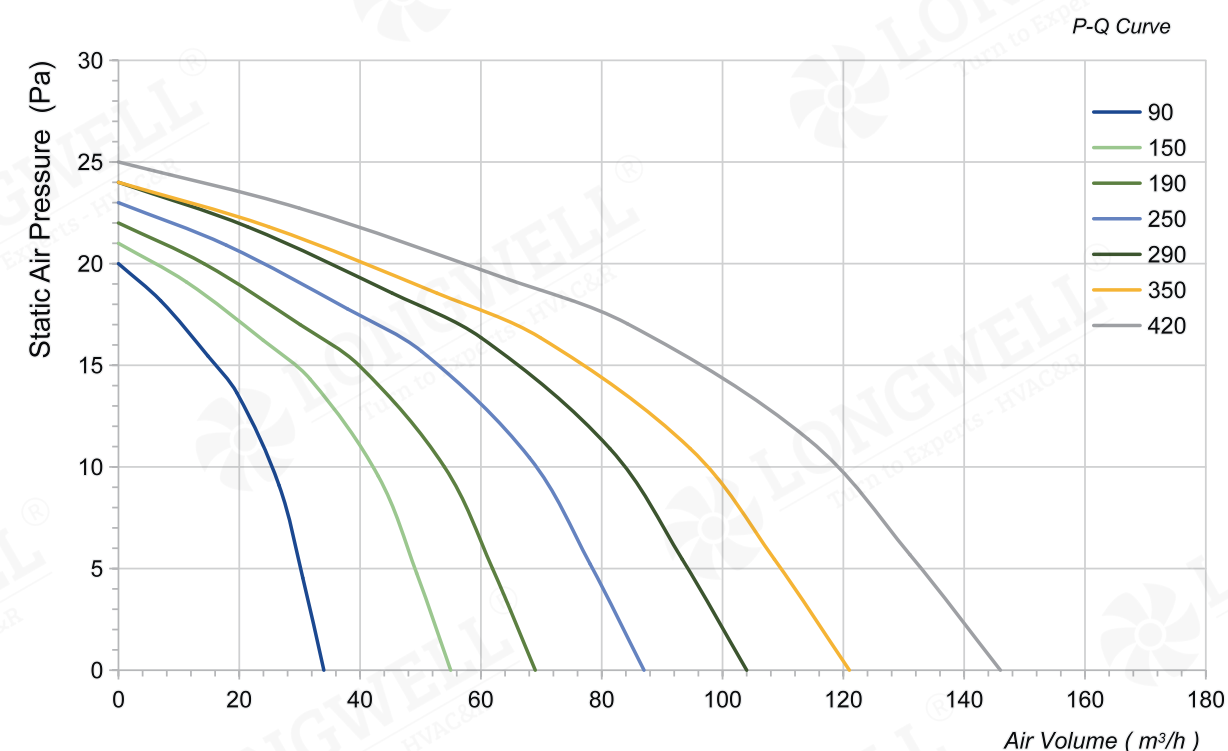
Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Current (A)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-4090LN-06	149	108	98	12	0.04	2400	20	34	33	Single
LWCD-4090MN-07	149	108	98	24	0.06	2400	20	34	33	Single
LWCD-40150LN-06	210	170	160	12	0.14	2400	21	55	33	Single
LWCD-40150MN-07	210	170	160	24	0.08	2400	21	55	33	Single
LWCD-40190LN-06	249	208	198	12	0.16	2400	22	69	34	Single
LWCD-40190MN-07	249	208	198	24	0.09	2400	22	69	34	Single
LWCD-40250LN-06	300	260	250	12	0.18	2400	23	87	35	Single
LWCD-40250MN-07	300	260	250	24	0.11	2400	23	87	35	Single
LWCD-40290LN-06	352	310	300	12	0.2	2400	24	104	35	Single
LWCD-40290MN-07	352	310	300	24	0.13	2400	24	104	35	Single
LWCD-40350LN-06	417	358	348	12	0.24	2400	24	121	36	Single
LWCD-40350MN-07	417	358	348	24	0.15	2400	24	121	36	Single
LWCD-40420LN-06	472	430	420	12	0.29	2400	25	146	37	Single
LWCD-40420MN-07	472	430	420	24	0.17	2400	25	146	37	Single

Note: 1. 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.

2. Code "-N" denotes that "fan without safety Grid", "G" denotes that "fan with safety Grid".

Flow Rate Curve



LWCD-40 Series

Product Characteristic

- Motor Type : 3 Phase BLDC Motor
- Voltage : 24V
- 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 ℃



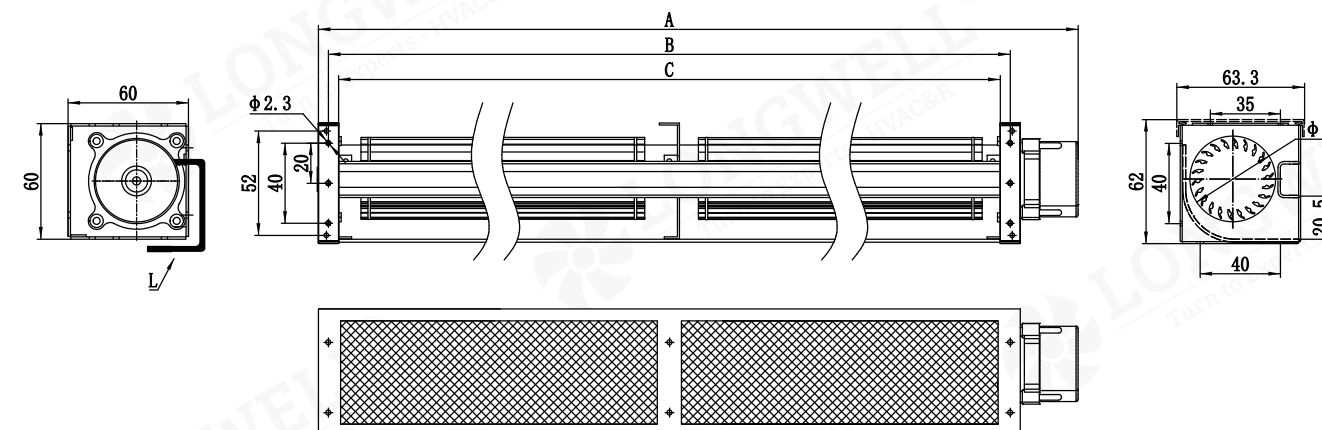
Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Current (A)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-40530MN-06	580	540	530	24	0.19	2400	25	176	37	Double
LWCD-40610MN-06	670	620	610	24	0.21	2400	26	203	37	Double
LWCD-40700MN-06	750	710	700	24	0.23	2400	26	232	38	Double
LWCD-40800MN-06	850	810	800	24	0.25	2000	25	236	35	Triple
LWCD-40854MN-06	904	864	854	24	0.28	2000	26	252	35	Triple
LWCD-40920MN-06	973	930	920	24	0.31	2000	26	272	36	Triple
LWCD-401055MN-06	1108	1065	1055	24	0.35	2000	27	311	36	Triple

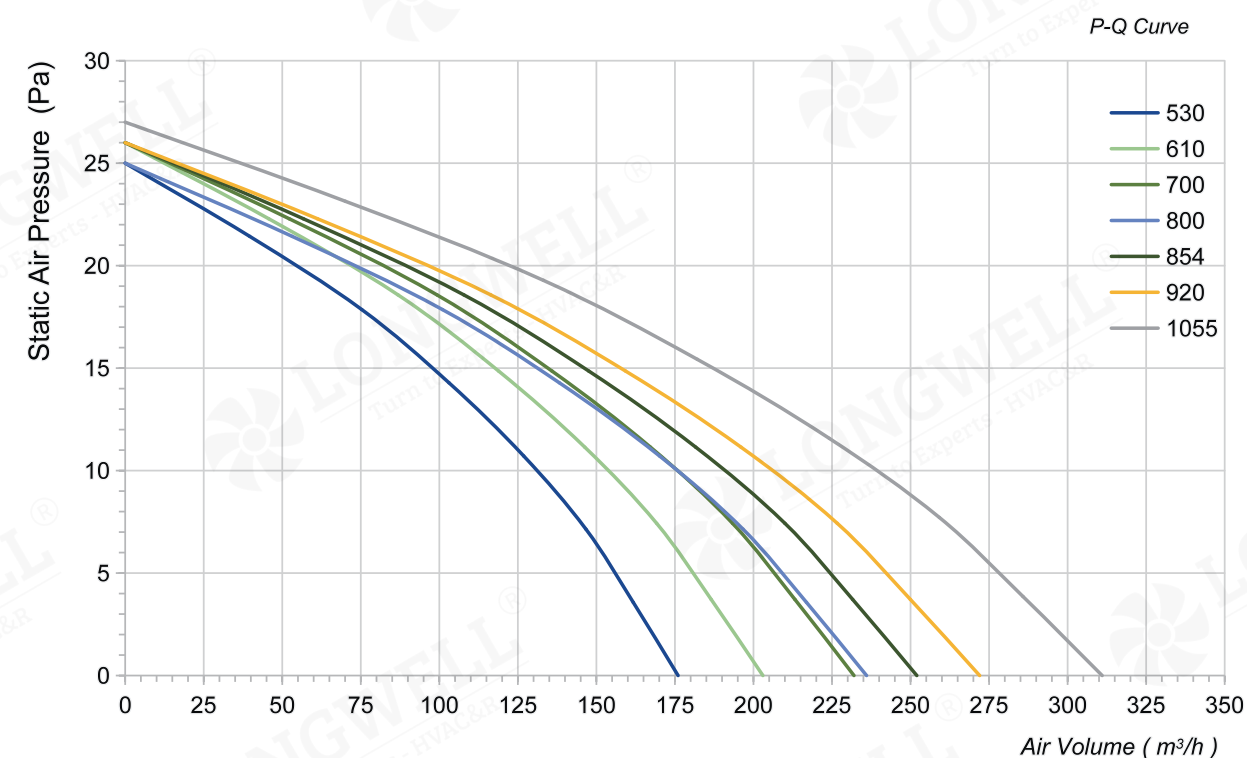
Note: 1. All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.

2. Code "-N" denotes that "fan without safety Grid, "G" denotes that "fan with safety Grid".

Product Drawing (mm)



Flow Rate Curve



LWCD-43 Series

Product Characteristic

- | | |
|---------------------------|----------------------|
| ● Motor Type : | 3 Phase BLDC Motor |
| ● Voltage : | 12V/24V |
| ● 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 ℃ |



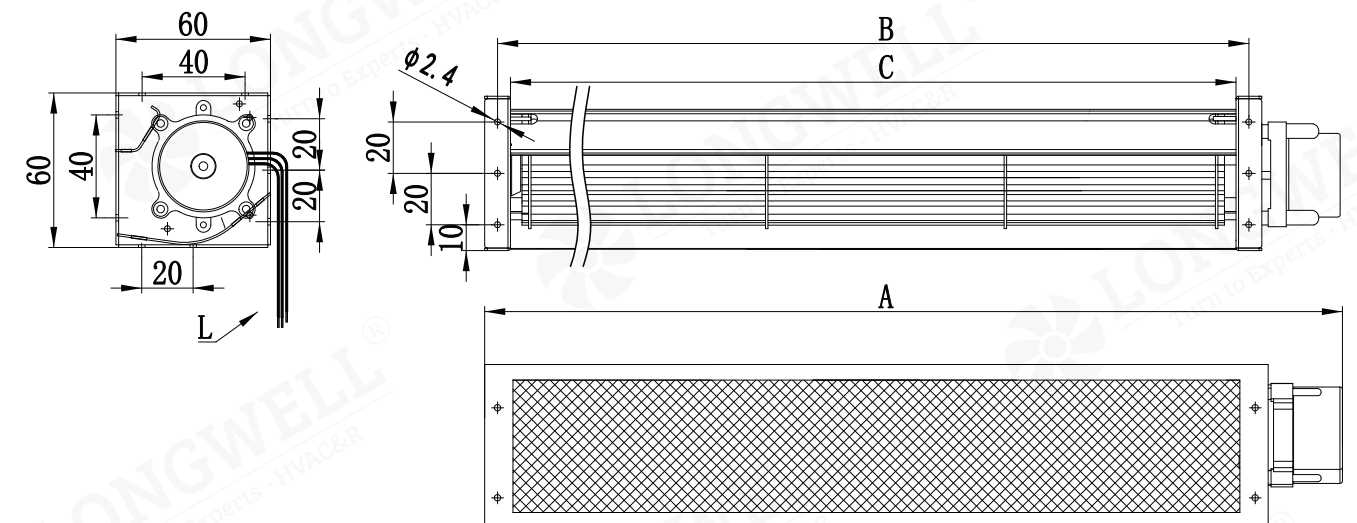
Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Current (A)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-4390LN-06	145	108	98	12	0.12	2400	12	44	36	Single
LWCD-4390MN-07	145	108	98	24	0.07	2400	12	44	36	Single
LWCD-43150LN-06	210	170	160	12	0.18	2400	12	73	37	Single
LWCD-43150MN-07	210	170	160	24	0.1	2400	12	73	37	Single
LWCD-43190LN-06	230	208	198	12	0.2	2400	13	90	39	Single
LWCD-43190MN-07	230	208	198	24	0.12	2400	13	90	39	Single
LWCD-43250LN-06	300	260	250	12	0.23	2400	14	113	40	Single
LWCD-43250MN-07	300	260	250	24	0.13	2400	14	113	40	Single
LWCD-43290LN-06	352	310	300	12	0.26	2400	14	136	41	Single
LWCD-43290MN-07	352	310	300	24	0.14	2400	14	136	41	Single
LWCD-43350LN-06	417	358	348	12	0.29	2400	15	158	41	Single
LWCD-43350MN-07	417	358	348	24	0.16	2400	15	158	41	Single
LWCD-43420LN-06	472	430	420	12	0.32	2400	16	191	43	Single
LWCD-43420MN-07	472	430	420	24	0.17	2400	16	191	43	Single

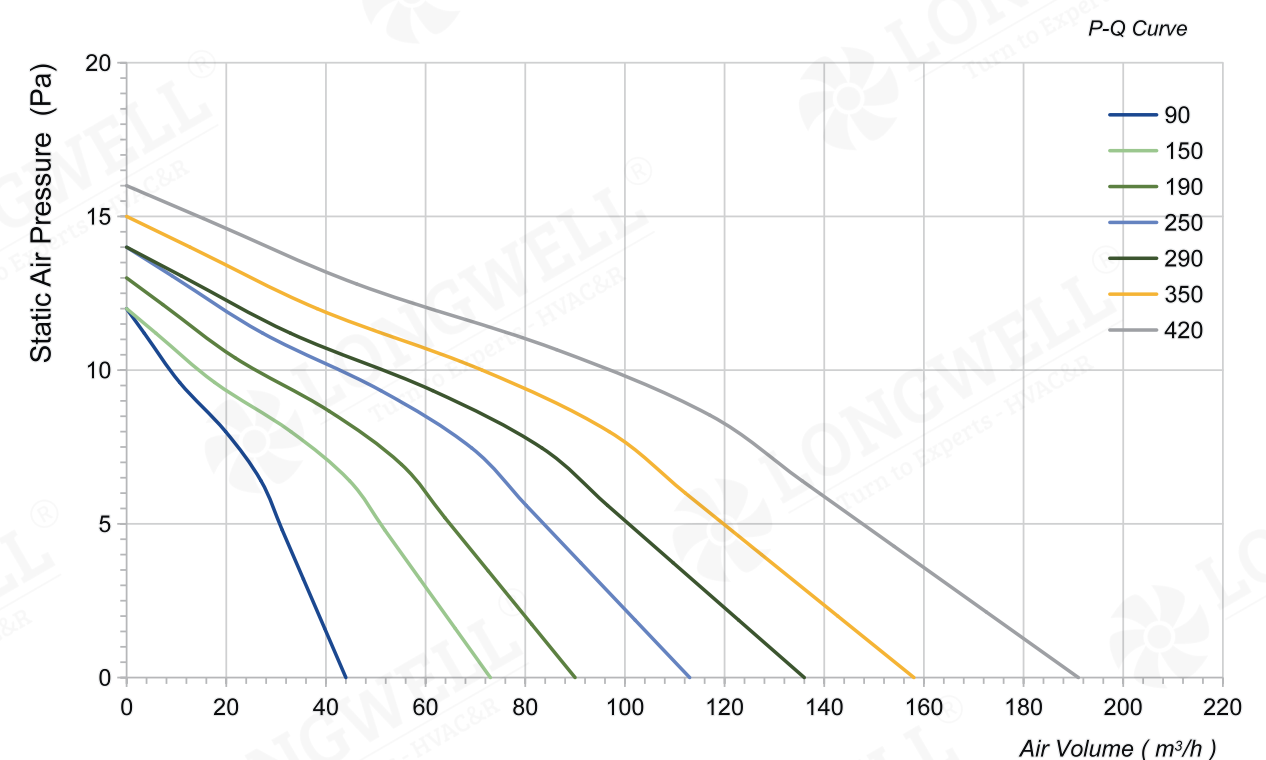
Note: 1. All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.

2. Code -"N" denotes that" fan without safety Grid, "G" denotes that "fan with safety Grid".

Product Drawing (mm)



Flow Rate Curve



LWCD-45 Series

Product Characteristic

• Motor Type :	3 Phase BLDC Motor
• Voltage :	24V
• 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 °C ~ +60 °C



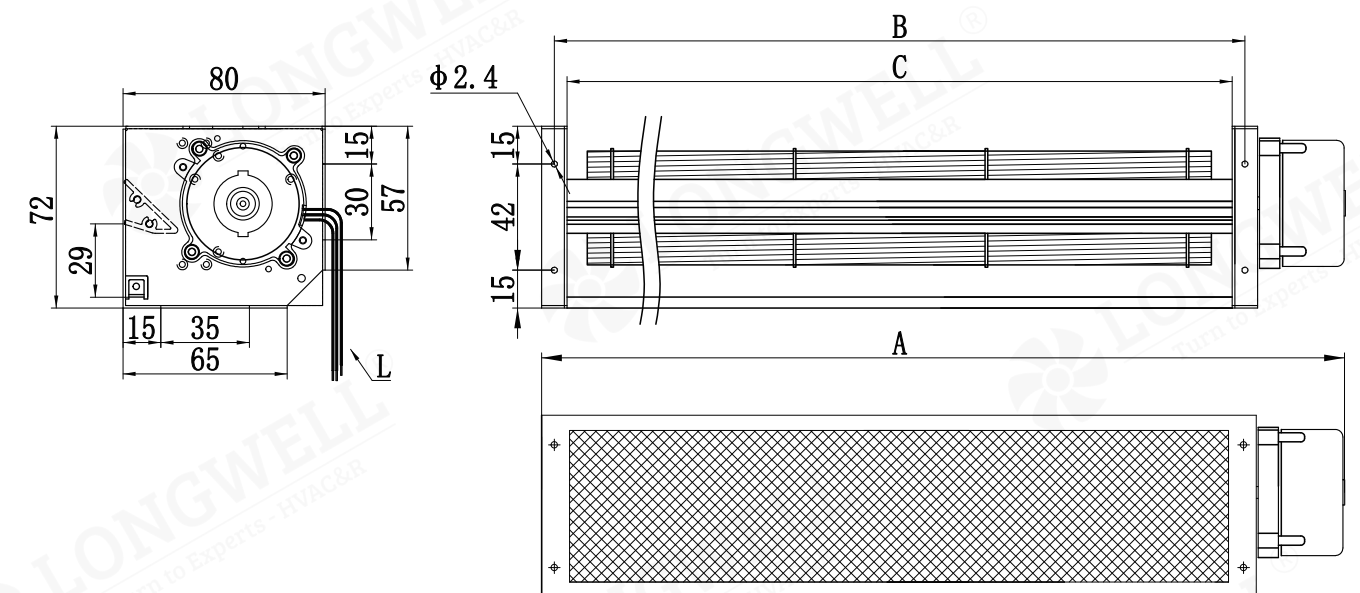
Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Current (A)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-4590MN-06	145	100	90	24	0.17	2000	21	50	37	Single
LWCD-45150MN-06	205	160	150	24	0.21	2000	22	83	37	Single
LWCD-45190MN-06	245	200	190	24	0.27	2000	22	105	37	Single
LWCD-45250MN-06	305	260	250	24	0.3	2000	23	138	38	Single
LWCD-45310MN-06	365	320	310	24	0.35	2000	24	172	41	Single
LWCD-45350MN-06	405	360	350	24	0.38	2000	24	194	42	Single

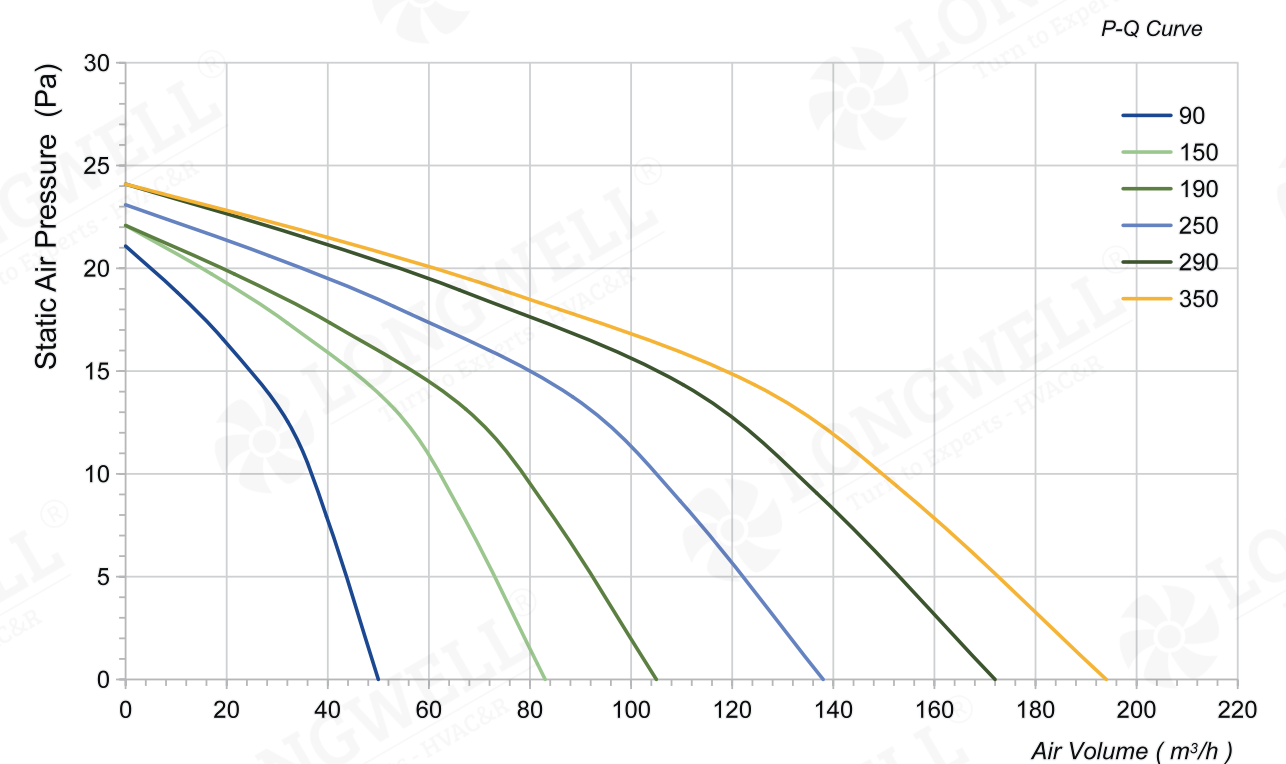
Note: 1. All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.

2. Code -"N" denotes that "fan without safety Grid, "G" denotes that "fan with safety Grid".

Product Drawing (mm)



Flow Rate Curve



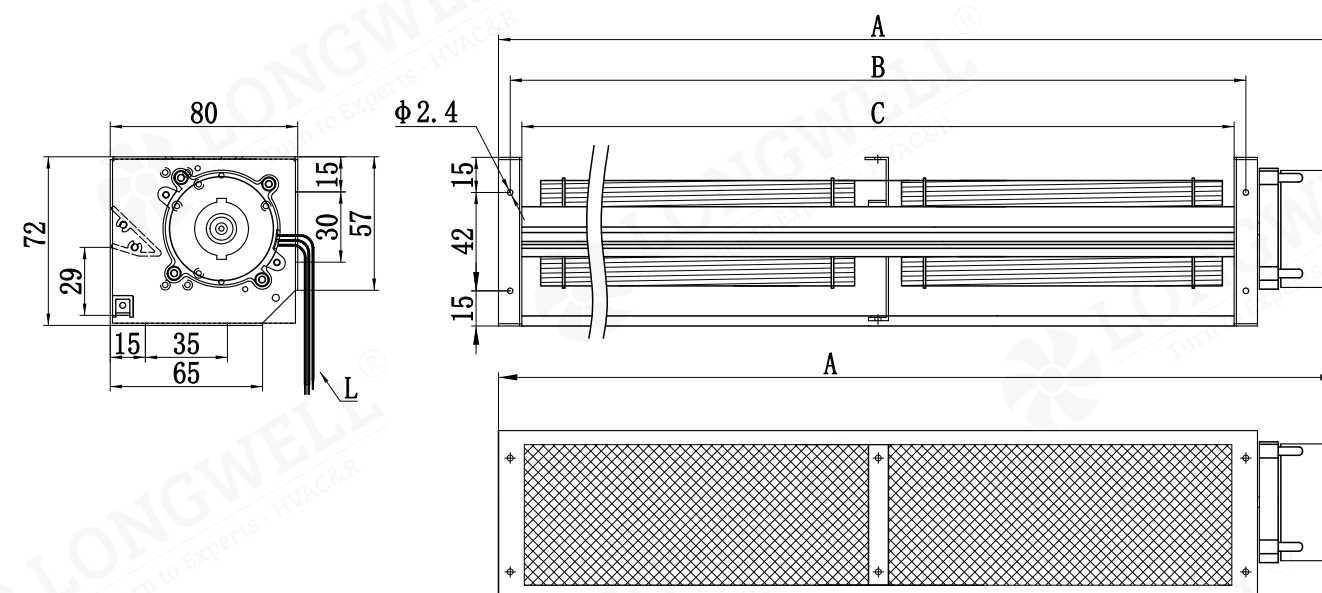
LWCD-45 Series

Product Characteristic

- Motor Type : 3 Phase BLDC Motor
- Voltage : 24V
- 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 ℃



Product Drawing (mm)



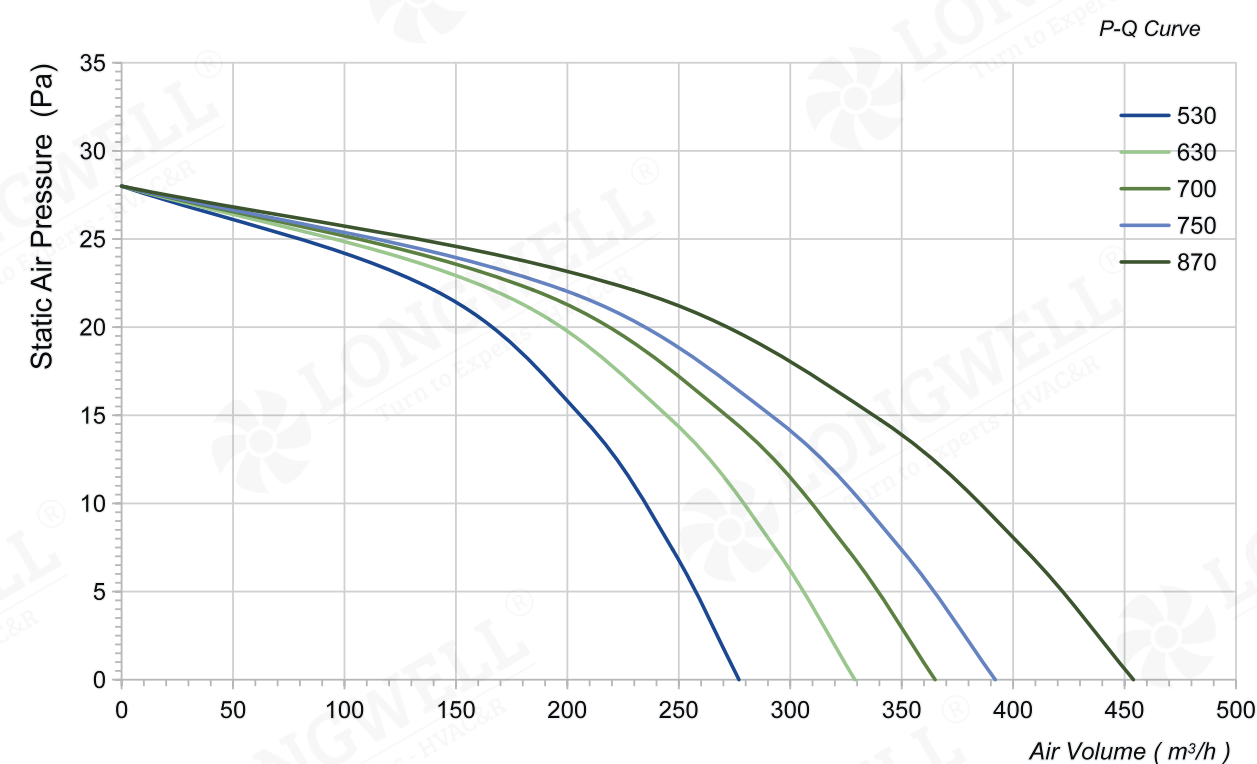
Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Current (A)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-45530MN-06	585	540	530	24	0.49	2000	28	277	44	Double
LWCD-45630MN-06	685	640	630	24	0.7	2000	28	329	45	Double
LWCD-45700MN-06	755	710	700	24	0.85	2000	28	365	46	Double
LWCD-45750MN-06	805	760	750	24	0.94	2000	28	392	46	Double
LWCD-45870MN-06	915	880	870	24	0.8	2000	28	454	47	Double

Note: 1. 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.

2. Code -"N" denotes that " fan without safety Grid, "G" denotes that "fan with safety Grid".

Flow Rate Curve



LWCD-50 Series

Product Characteristic

- Motor Type : 3 Phase BLDC Motor
- Voltage : 12V/24V
- 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 ℃



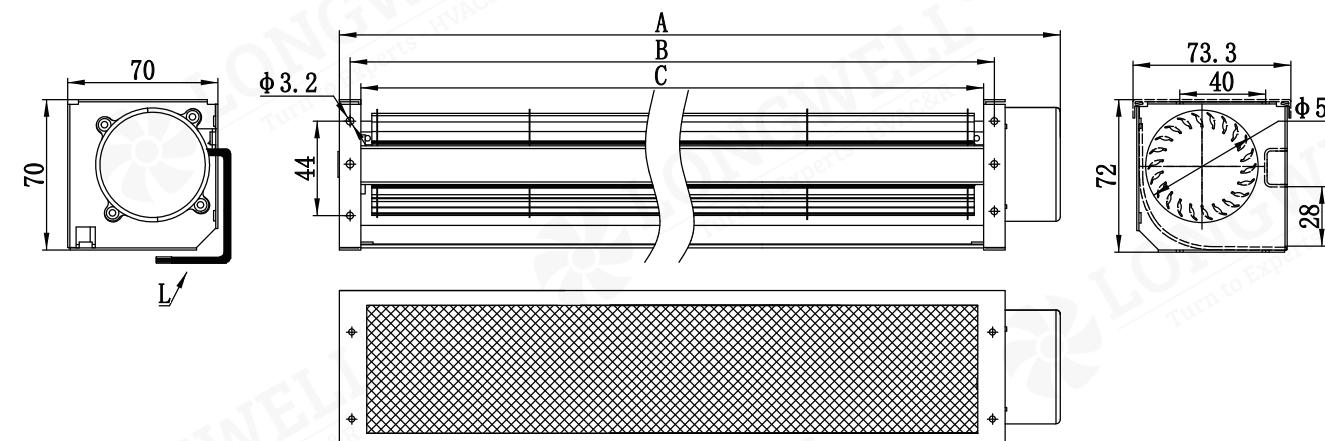
Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Current (A)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-5090LN-06	144	108	98	12	0.14	2000	34	52	37	Single
LWCD-5090MN-07	144	108	98	24	0.07	2000	34	52	37	Single
LWCD-50150LN-06	204	168	158	12	0.2	2000	35	87	37	Single
LWCD-50150MN-07	204	168	158	24	0.1	2000	35	87	37	Single
LWCD-50190LN-06	244	208	198	12	0.28	2000	36	110	38	Single
LWCD-50190MN-07	244	208	198	24	0.14	2000	36	110	38	Single
LWCD-50250LN-06	296	260	250	12	0.36	2000	37	145	39	Single
LWCD-50250MN-07	296	260	250	24	0.18	2000	37	145	39	Single
LWCD-50290LN-06	336	300	290	12	0.44	2000	37	168	40	Single
LWCD-50290MN-07	336	300	290	24	0.22	2000	37	168	40	Single
LWCD-50350LN-06	404	368	358	12	0.52	2000	38	203	41	Single
LWCD-50350MN-07	404	368	358	24	0.26	2000	38	203	41	Single
LWCD-50420LN-06	464	428	418	12	0.6	2000	39	243	42	Single
LWCD-50420MN-07	464	428	418	24	0.3	2000	39	243	42	Single

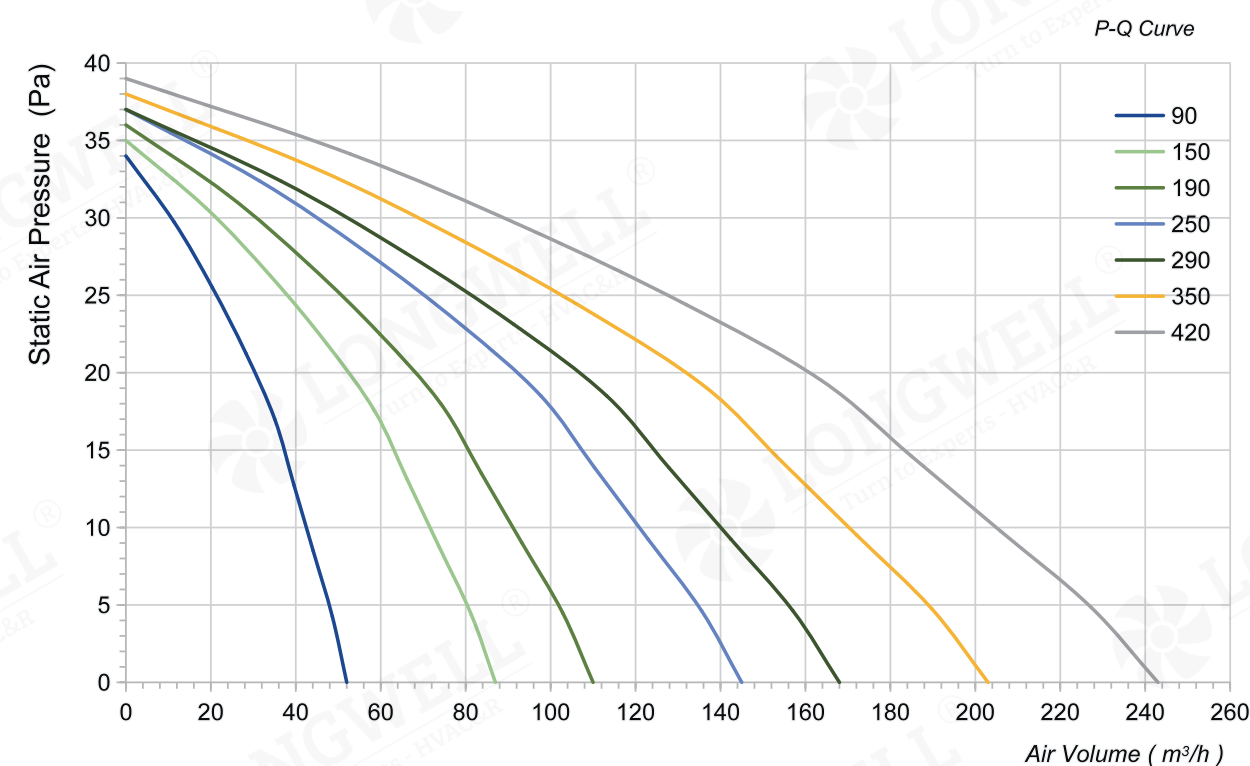
Note: 1. All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.

2. Code "-N" denotes that" fan without safety Grid, "G" denotes that "fan with safety Grid".

Product Drawing (mm)



Flow Rate Curve



LWCD-50 Series

Product Characteristic

- Motor Type : 3 Phase BLDC Motor
- Voltage : 24V
- 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 ℃



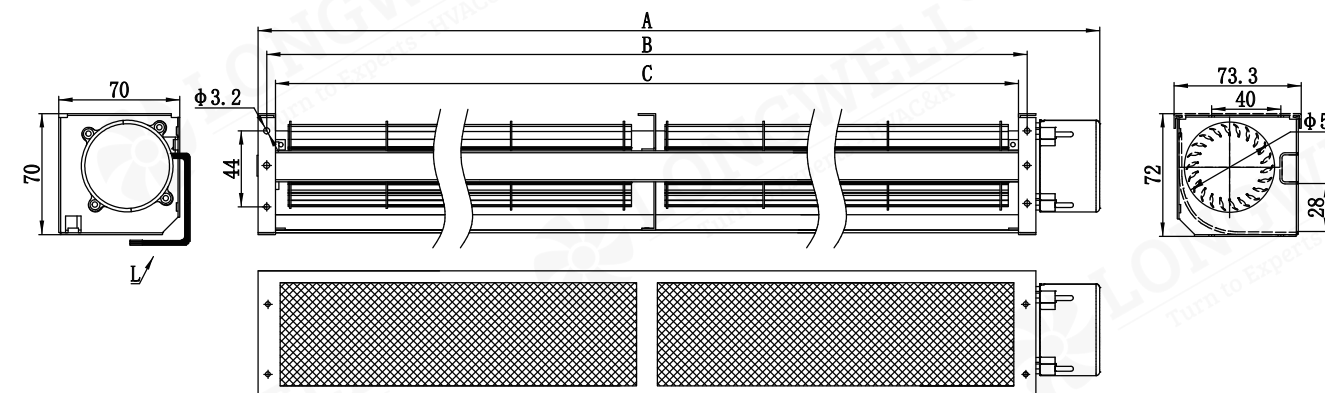
Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Current (A)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-50530MN-06	567	540	530	24	0.33	2000	39	288	43	Double
LWCD-50610MN-06	647	620	610	24	0.37	2000	40	332	42	Double
LWCD-50680MN-06	720	690	680	24	0.41	2000	41	381	43	Double
LWCD-50700MN-06	737	710	700	24	0.41	2000	41	381	43	Double
LWCD-50800MN-06	837	810	800	24	0.46	1800	42	435	43	Triple
LWCD-50854MN-06	891	864	854	24	0.5	1800	42	465	43	Triple
LWCD-50920MN-06	957	930	920	24	0.54	1800	41	501	44	Triple
LWCD-501055MN-06	1092	1065	1055	24	0.6	1800	42	574	44	Triple

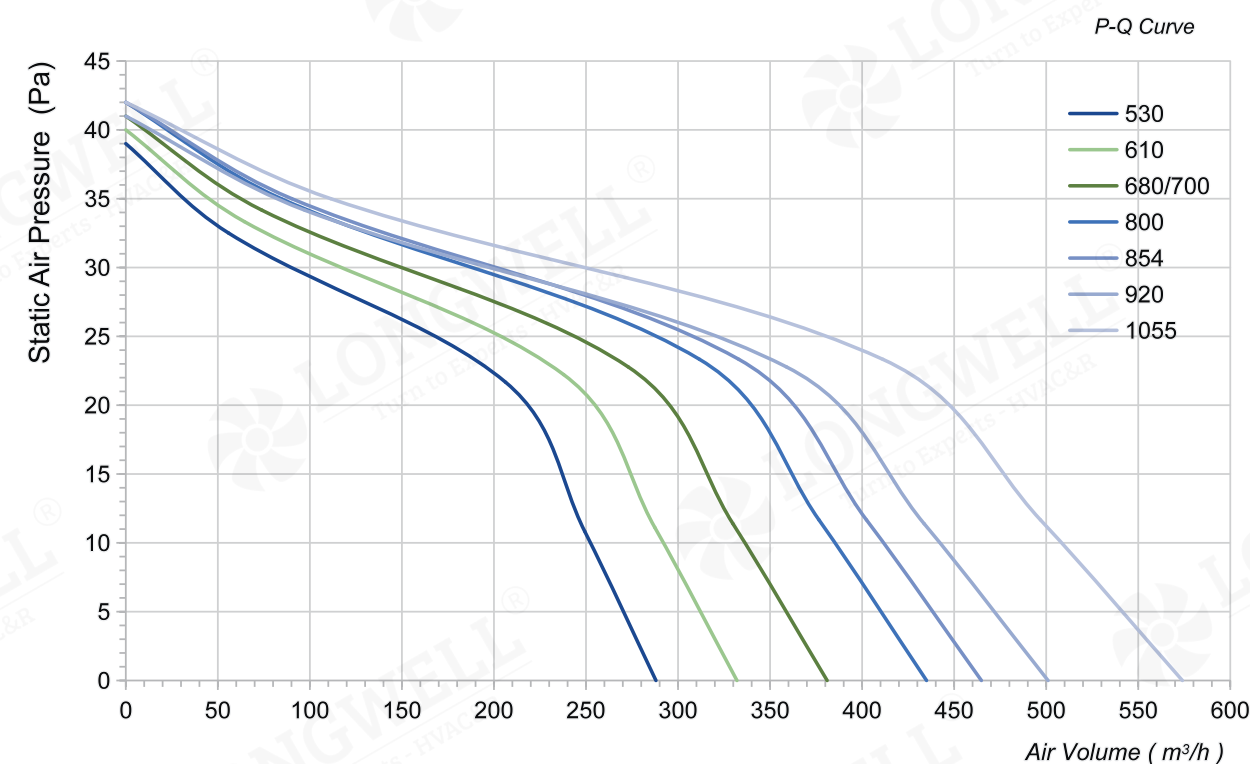
Note: 1. All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.

2. Code "-N" denotes that "fan without safety Grid, "G" denotes that "fan with safety Grid".

Product Drawing (mm)



Flow Rate Curve



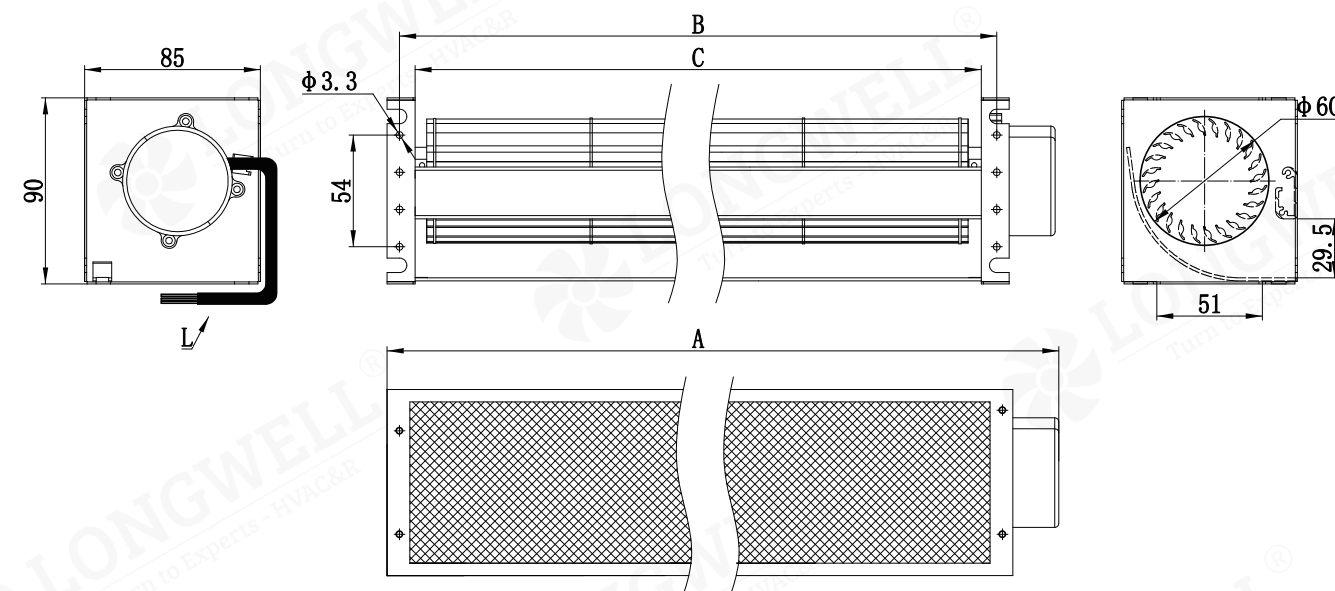
LWCD-60 Series

Product Characteristic

- Motor Type : 3 Phase BLDC Motor
- Voltage : 12V/24V
- 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 ℃



Product Drawing (mm)



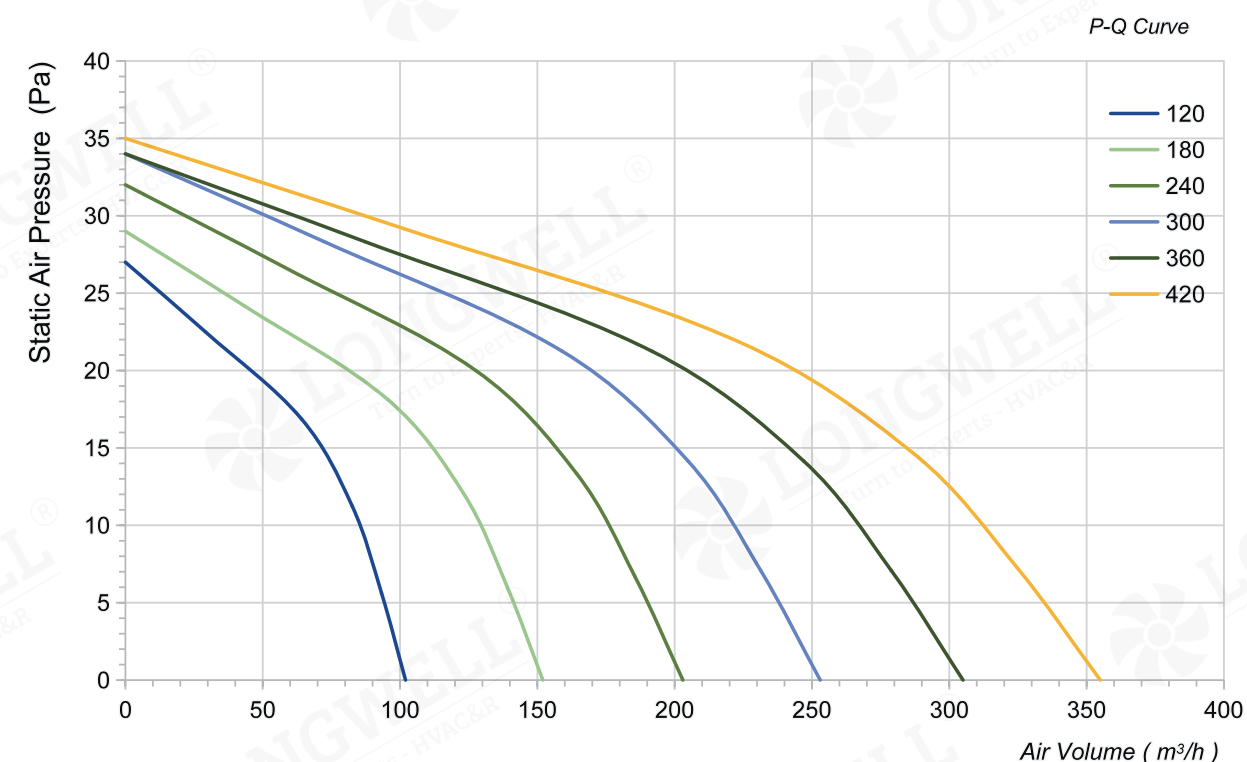
Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Current (A)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-60120LN-06	186	138	123	12	0.68	2000	27	102	38	Single
LWCD-60120MN-07	186	138	123	24	0.35	2000	27	102	38	Single
LWCD-60180LN-06	246	199	184	12	0.75	2000	29	152	38	Single
LWCD-60180MN-07	246	199	184	24	0.4	2000	29	152	38	Single
LWCD-60240LN-06	307	259	245	12	0.78	2000	32	203	39	Single
LWCD-60240MN-07	307	259	245	24	0.42	2000	32	203	39	Single
LWCD-60300LN-06	368	321	306	12	0.8	2000	34	253	41	Single
LWCD-60300MN-07	368	321	306	24	0.46	2000	34	253	41	Single
LWCD-60360LN-06	430	383	368	12	0.95	2000	34	305	42	Single
LWCD-60360MN-07	430	383	368	24	0.51	2000	34	305	42	Single
LWCD-60420LN-06	492	444	429	12	0.11	2000	35	355	43	Single
LWCD-60420MN-07	492	444	429	24	0.93	2000	35	355	43	Single

Note: 1. 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.

2. Code -"N" denotes that" fan without safety Grid, "G" denotes that "fan with safety Grid".

Flow Rate Curve



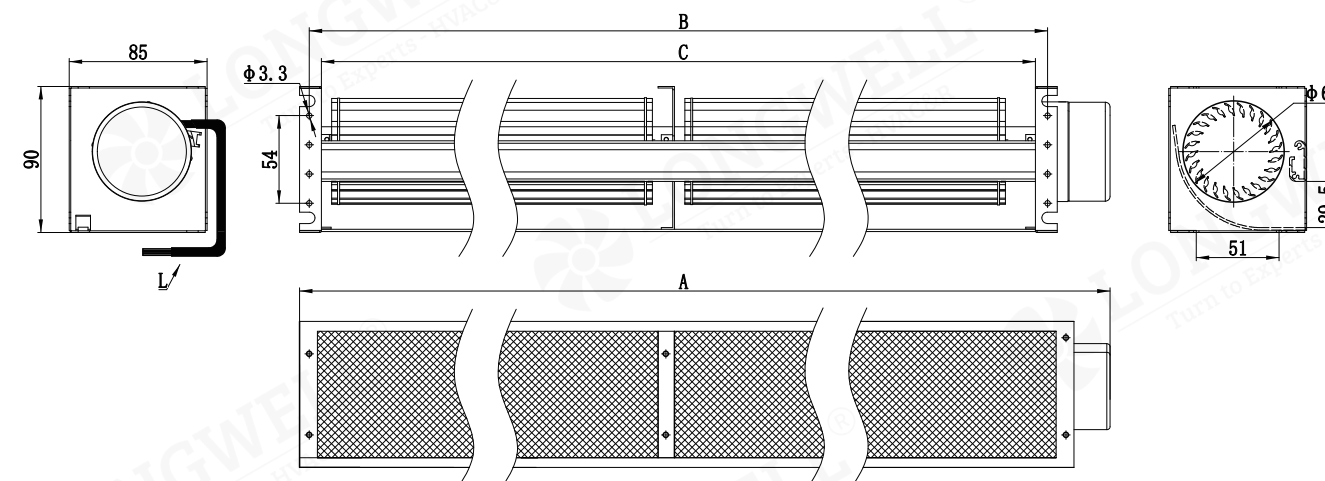
LWCD-60 Series

Product Characteristic

• Motor Type :	3 Phase BLDC Motor
• Voltage :	24V
• 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 ℃



Product Drawing (mm)



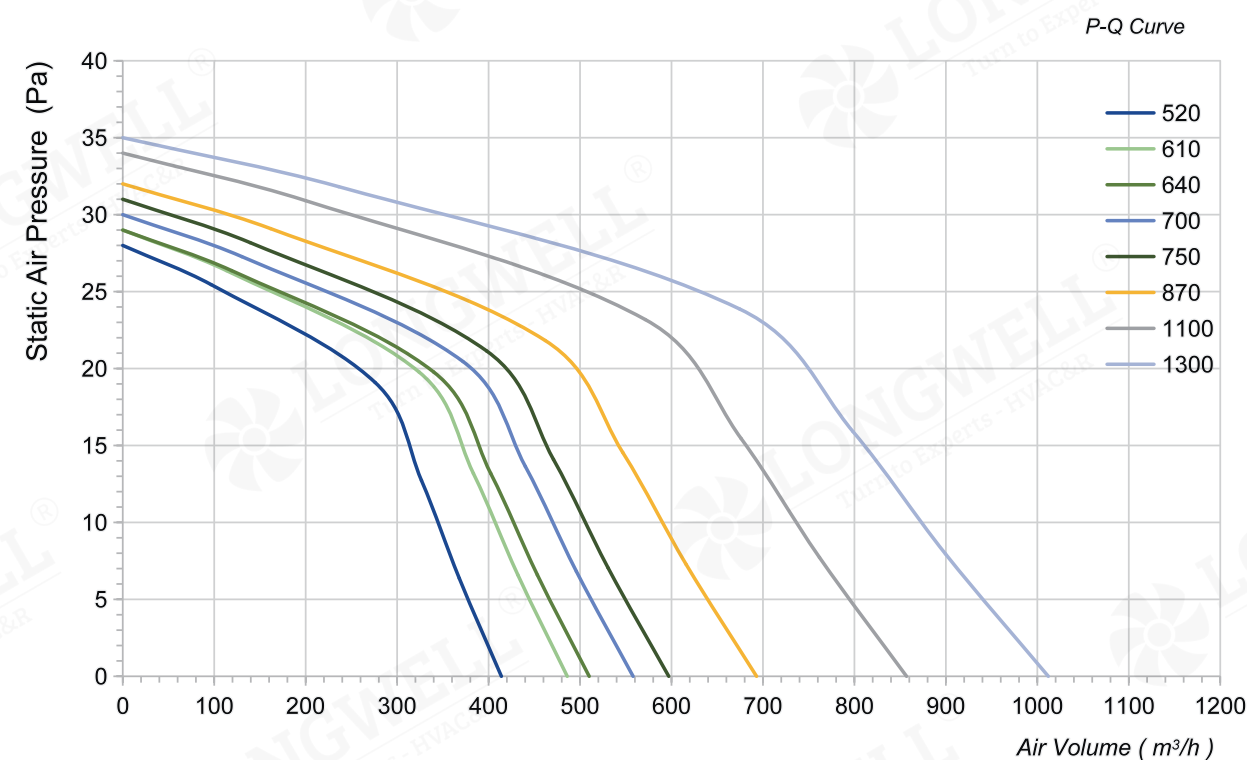
Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Current (A)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-60520MN-06	600	535	520	24	1.04	1800	28	414	45	Double
LWCD-60610MN-06	690	625	610	24	1.1	1800	29	486	46	Double
LWCD-60640MN-06	720	655	640	24	1.13	1800	29	510	47	Double
LWCD-60700MN-06	780	715	700	24	1.17	1800	30	558	47	Double
LWCD-60750MN-06	830	765	750	24	1.2	1800	31	597	48	Double
LWCD-60870MN-06	950	885	870	24	1.25	1800	32	693	50	Double
LWCD-601100MN-06	1185	1120	1105	24	1.3	1800	34	857	51	Triple
LWCD-601300MN-06	1385	1320	1305	24	1.36	1800	35	1012	52	Triple

Note: 1. 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.

2. Code "-N" denotes that "fan without safety Grid, "G" denotes that "fan with safety Grid".

Flow Rate Curve



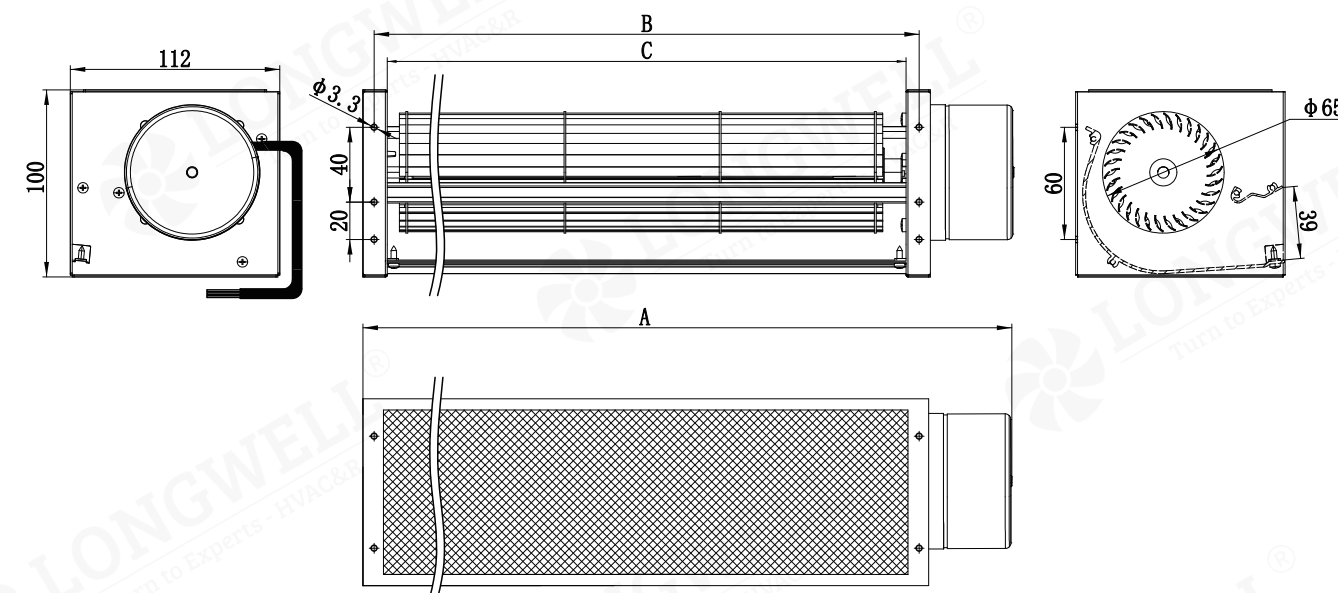
LWCD-65 Series

Product Characteristic

- Motor Type : 3 Phase BLDC Motor
- Voltage : 12V/24V/48V
- 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 ℃



Product Drawing (mm)



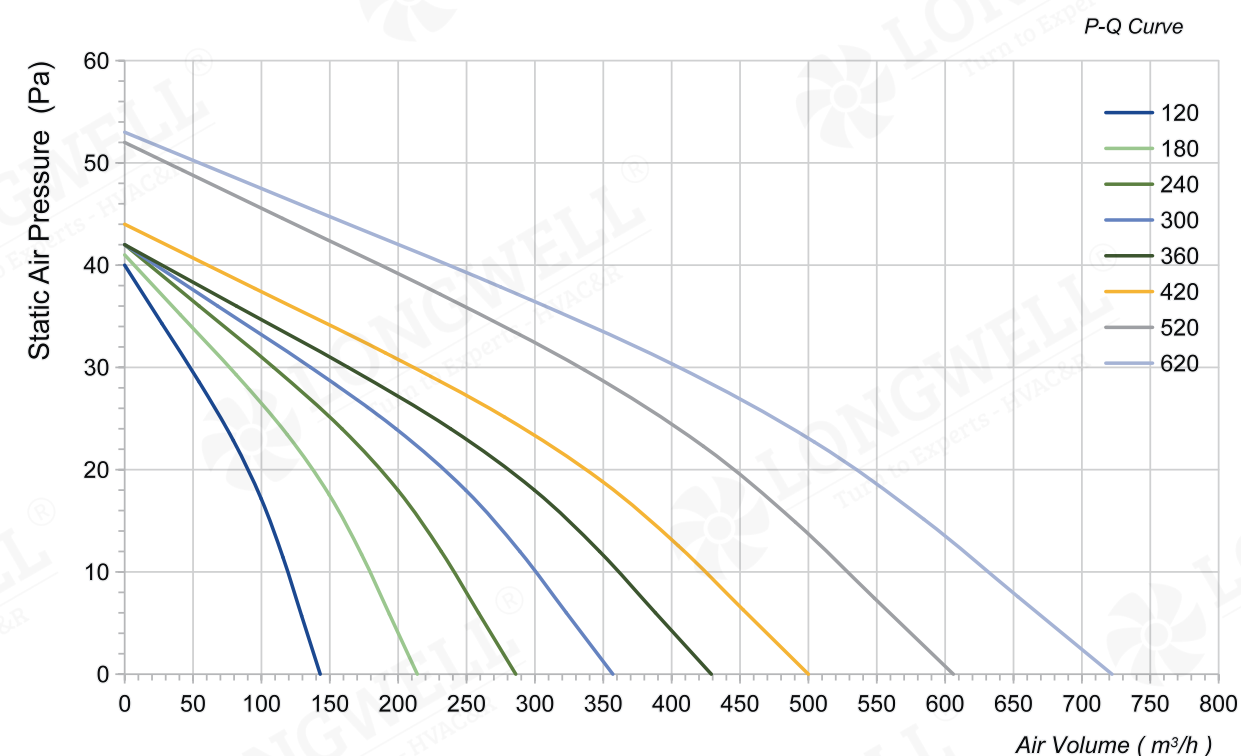
Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Current (A)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-65120LN-06	192	137	123	12	1.3	1800	40	143	47	Single
LWCD-65120MN-07	192	137	123	24	0.5	1800	40	143	47	Single
LWCD-65180LN-06	253	198	184	12	1.5	1800	41	214	47	Single
LWCD-65180MN-07	253	198	184	24	0.6	1800	41	214	47	Single
LWCD-65240LN-06	314	259	245	12	1.7	1800	42	286	48	Single
LWCD-65240MN-07	314	259	245	24	0.7	1800	42	286	48	Single
LWCD-65300LN-06	375	320	306	12	1.8	1800	42	357	49	Single
LWCD-65300MN-07	375	320	306	24	0.8	1800	42	357	49	Single
LWCD-65360LN-06	437	382	368	12	1.9	1800	42	429	50	Single
LWCD-65360MN-07	437	382	368	24	0.8	1800	42	429	50	Single
LWCD-65420LN-06	498	443	429	12	2	1800	44	500	52	Single
LWCD-65420MN-07	498	443	429	24	0.9	1800	44	500	52	Single
LWCD-65420HN-08	498	443	429	48	2	1800	44	500	52	Single
LWCD-65520LN-06	589	534	520	12	2.7	1800	52	606	53	Single
LWCD-65520MN-07	589	534	520	24	1.2	1800	52	606	53	Single
LWCD-65620LN-06	689	634	620	12	2.5	1800	53	722	53	Single
LWCD-65620MN-07	689	634	620	24	1.25	1800	53	722	53	Single

Note: 1. 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.

2. Code -"N" denotes that" fan without safety Grid, "G" denotes that "fan with safety Grid".

Flow Rate Curve



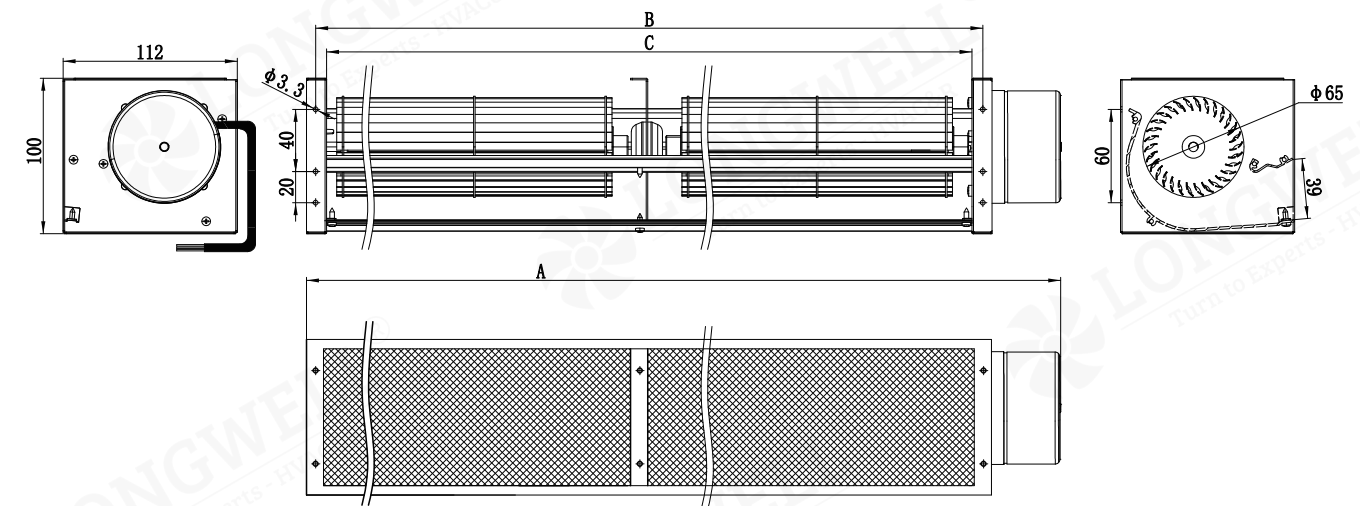
LWCD-65 Series

Product Characteristic

- Motor Type : 3 Phase BLDC Motor
- Voltage : 12V/24V
- 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 ℃



Product Drawing (mm)



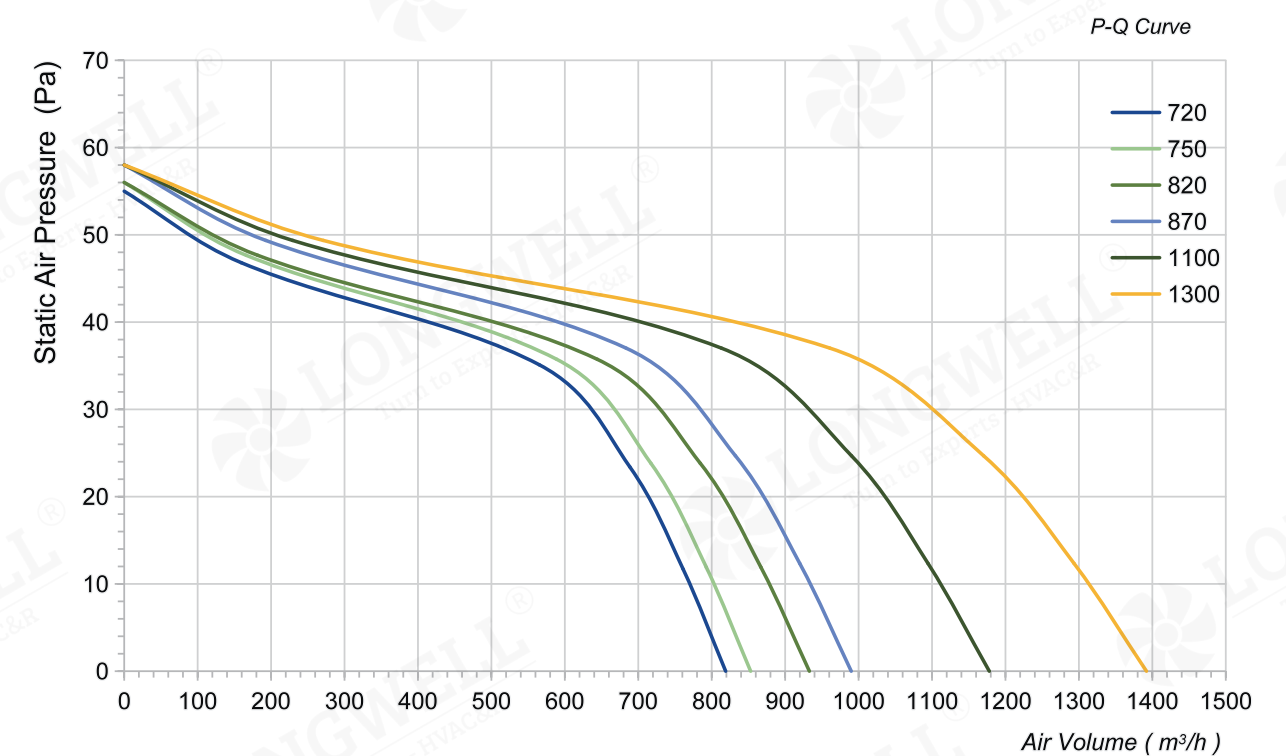
Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Current (A)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-65720LN-06	789	734	720	12	2.6	1800	55	819	53	Double
LWCD-65720MN-07	789	734	720	24	1.3	1800	55	819	53	Double
LWCD-65750LN-06	819	764	750	12	2.8	1800	56	853	54	Double
LWCD-65750MN-07	819	764	750	24	1.4	1800	56	853	54	Double
LWCD-65820LN-06	889	834	820	12	3	1800	56	933	55	Double
LWCD-65820MN-07	889	834	820	24	1.5	1800	56	933	55	Double
LWCD-65870LN-06	939	884	870	12	3.2	1800	58	990	55	Double
LWCD-65870MN-07	939	884	870	24	1.6	1800	58	990	55	Double
LWCD-651100MN-06	1174	1119	1105	24	4.2	1800	58	1178	55	Triple
LWCD-651300MN-06	1374	1319	1305	24	4.2	1800	58	1392	55	Triple

Note: 1. 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.

2. Code "-N" denotes that "fan without safety Grid", "G" denotes that "fan with safety Grid".

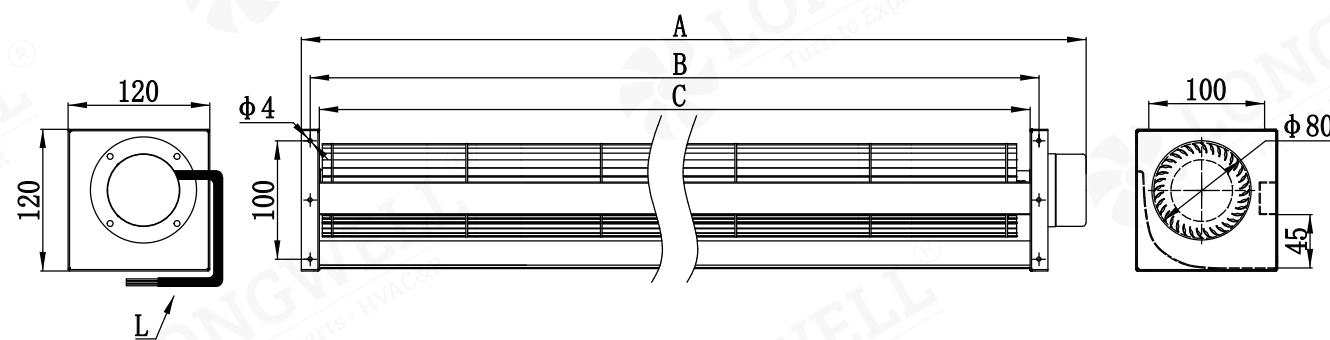
Flow Rate Curve



LWCD-80 Series

Product Characteristic

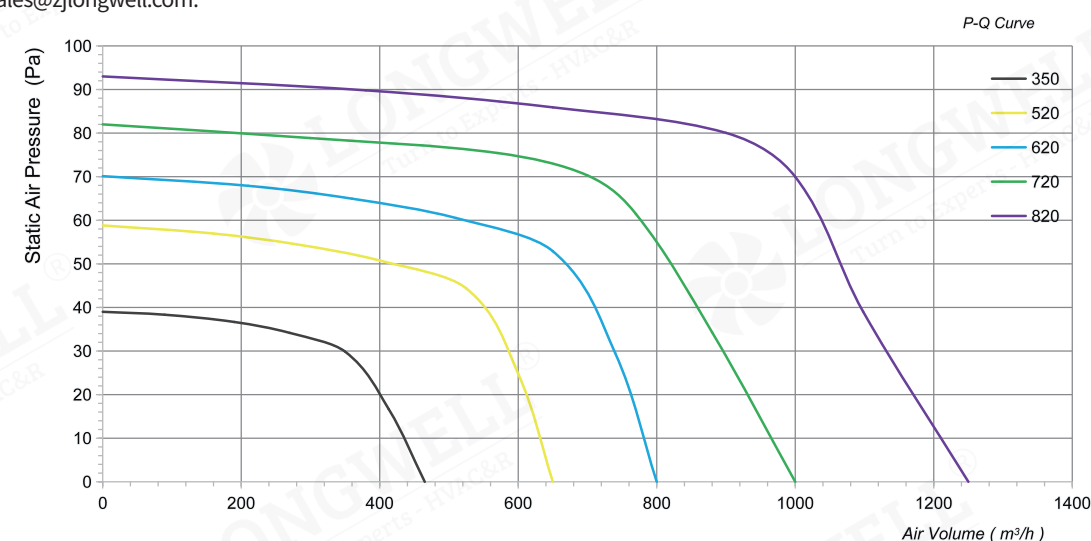
- | | |
|---------------------------|----------------------|
| ● Motor Type : | 3 Phase BLDC Motor |
| ● Voltage : | 24V |
| ● Housing Material : | Steel+Aluminum Alloy |
| ● Blade Material : | Aluminum Alloy |
| ● Insulation Class : | B |
| ● Speed Control : | 0-10V/PWM |
| ● Signal Output : | FG |
| ● Bearing Type: | Ball bearing |
| ● Operation Temperature : | - 25 ℃ ~ +60 ℃ |



Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Power (W)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-80350MN-06	412	365	350	24	13	1500	39	465	53	Single
LWCD-80520MN-06	582	535	520	24	23	1500	59	650	54	Single
LWCD-80620MN-06	704	635	620	24	31	1500	70	800	55	Single
LWCD-80720MN-06	804	735	720	24	33	1500	82	1000	55	Single
LWCD-80820MN-06	904	835	820	24	45	1500	93	1250	56	Single

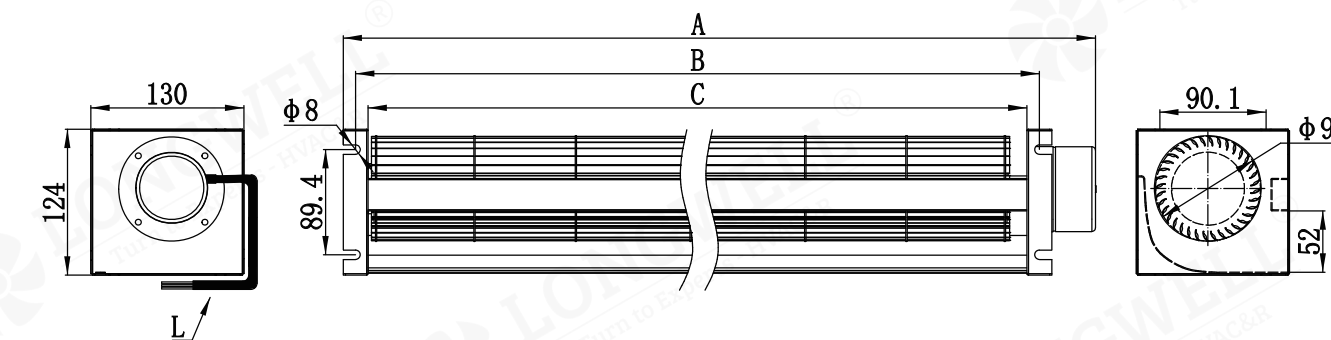
Note: All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.



LWCD-90 Series

Product Characteristic

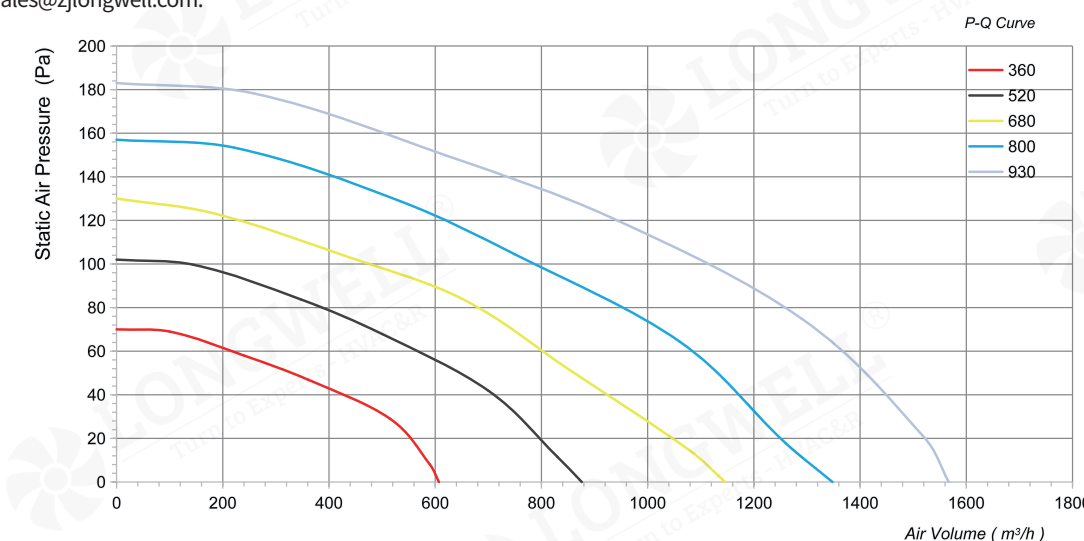
- | | |
|---------------------------|----------------------|
| ● Motor Type : | 3 Phase BLDC Motor |
| ● Voltage : | 24V |
| ● Housing Material : | Steel+Aluminum Alloy |
| ● Blade Material : | Aluminum Alloy |
| ● Insulation Class : | B |
| ● Speed Control : | 0-10V/PWM |
| ● Signal Output : | FG |
| ● Bearing Type: | Ball bearing |
| ● Operation Temperature : | - 25 °C ~ +60 °C |



Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Power (W)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-90360MN-06	428	381	360	24	24.5	1500	70	607	54	Single
LWCD-90520MN-06	610	546	520	24	40	1500	102	876	56	Single
LWCD-90680MN-06	770	701	680	24	65	1500	130	1146	57	Single
LWCD-90800MN-06	890	821	800	24	80	1500	157	1348	58	Single
LWCD-90930MN-06	1028	951	930	24	96	1500	183	1567	59	Single

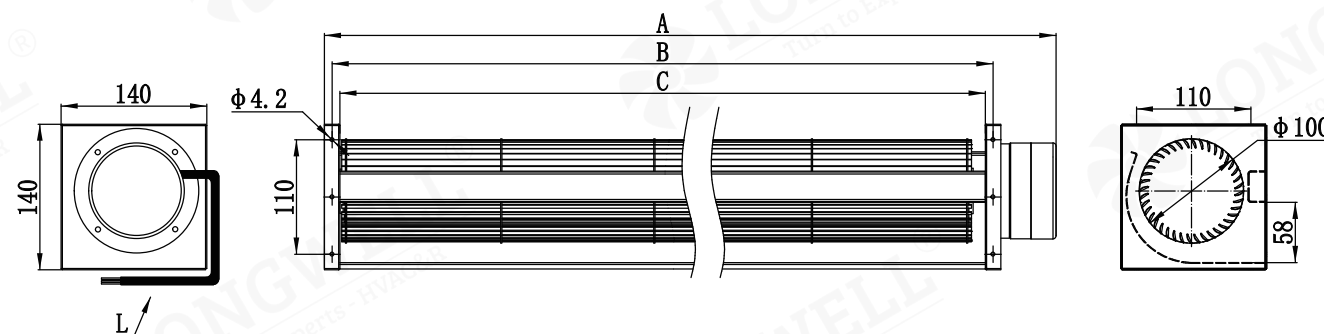
Note: All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.



LWCD-100 Series

Product Characteristic

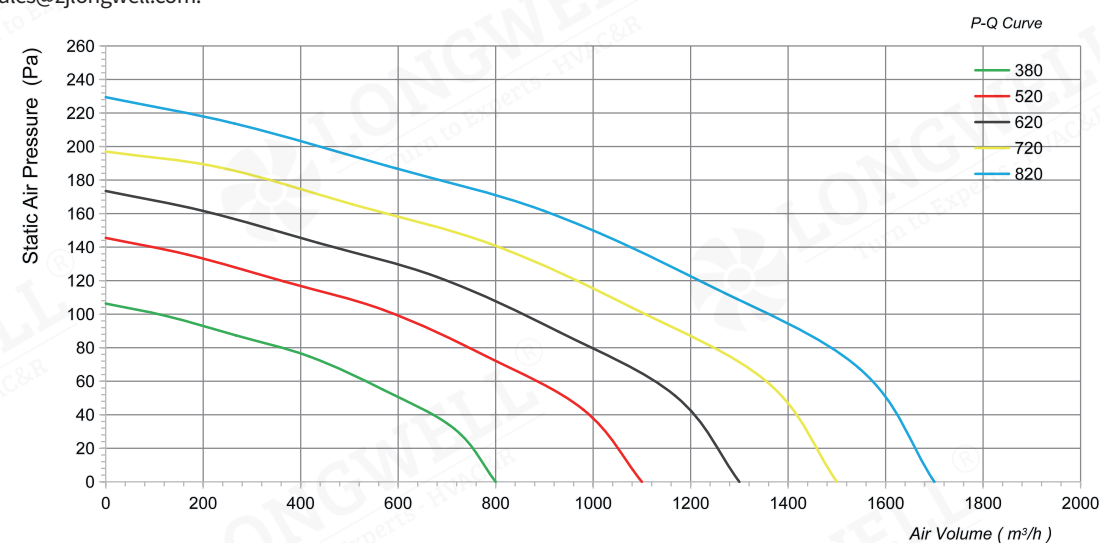
- Motor Type : 3 Phase BLDC Motor
- Voltage : 24V
- Housing Material : Steel+Aluminum Alloy
- Blade Material : Aluminum Alloy
- Insulation Class : B
- Speed Control : 0-10V/PWM
- Signal Output : FG
- Bearing Type: Ball bearing
- Operation Temperature : -25 °C ~ +60 °C



Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Power (W)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-100380MN-06	464	395	380	24	26.5	1500	106	800	55	Single
LWCD-100520MN-06	604	535	520	24	60	1500	145	1100	58	Single
LWCD-100620MN-06	704	635	620	24	75	1500	173	1300	59	Single
LWCD-100720MN-06	812	735	720	24	115.2	1500	197	1500	60	Single
LWCD-100820MN-06	912	835	820	24	120	1500	229	1700	61	Single

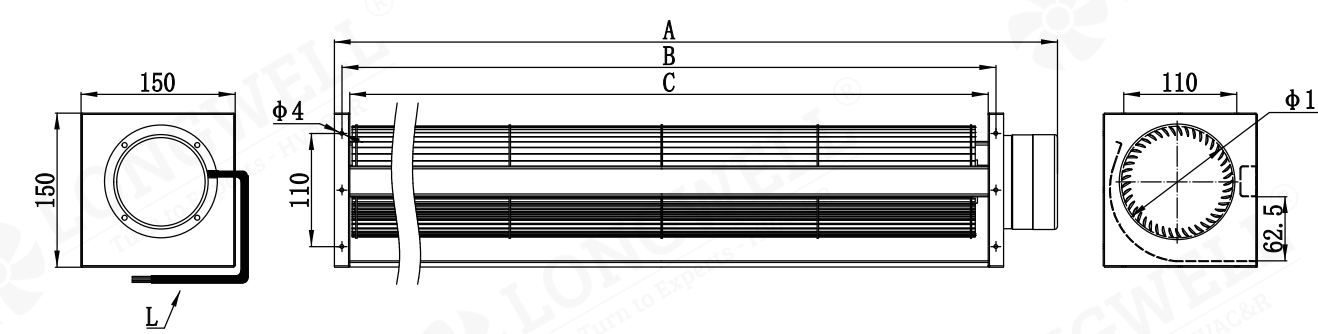
Note: All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.



LWCD-110 Series

Product Characteristic

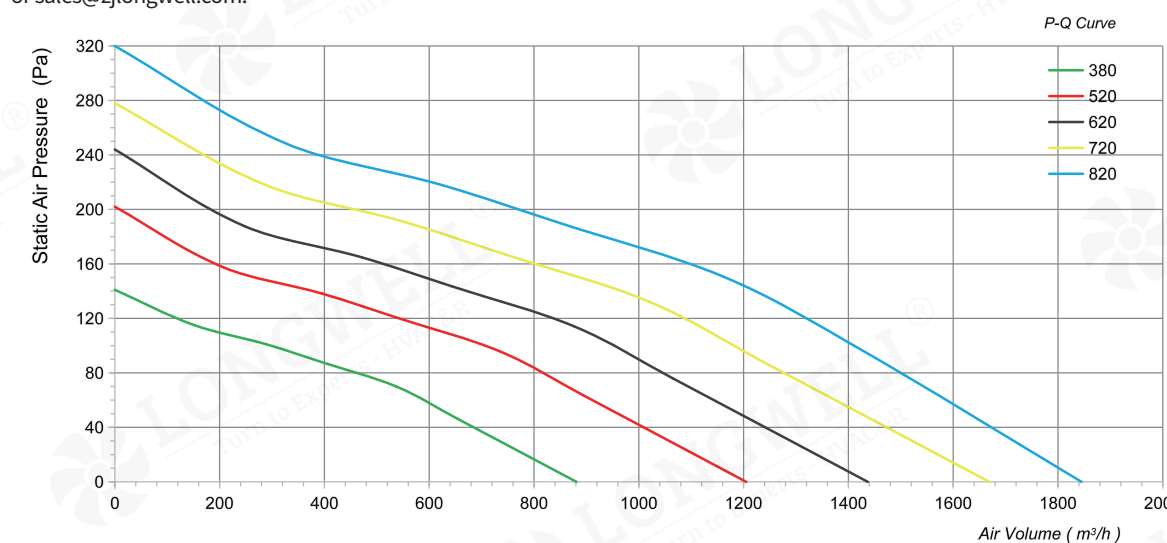
- Motor Type : 3 Phase BLDC Motor
- Voltage : 24V
- Housing Material : Steel+Aluminum Alloy
- Blade Material : Aluminum Alloy
- Insulation Class : B
- Speed Control : 0-10V/PWM
- Signal Output : FG
- Bearing Type: Ball bearing
- Operation Temperature : -25 °C ~ +60 °C



Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Power (W)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-110380MN-06	464	395	380	24	70	1200	141	881	55	Single
LWCD-110520MN-06	612	535	520	24	100	1200	202	1205	57	Single
LWCD-110620MN-06	712	635	620	24	120	1200	244	1437	57	Single
LWCD-110720MN-06	812	735	720	24	132	1200	278	1669	58	Single
LWCD-110820MN-06	912	835	820	24	146	1200	320	1845	59	Single

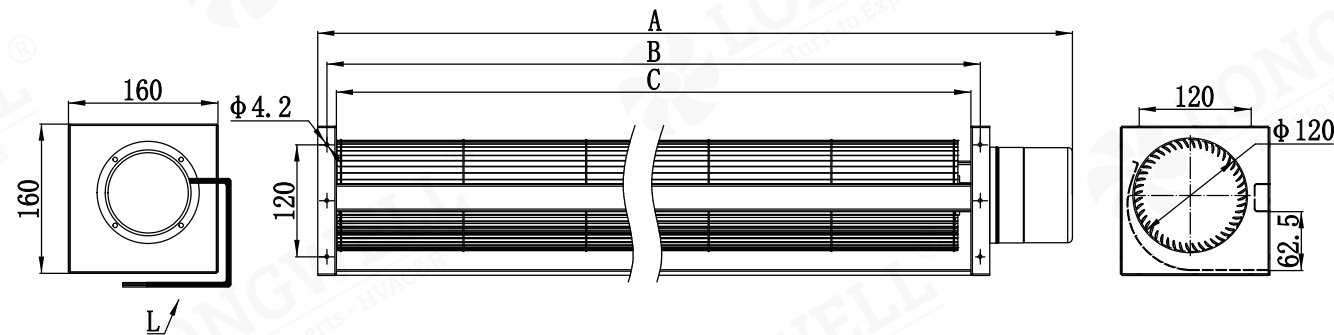
Note: All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.



LWCD-120 Series

Product Characteristic

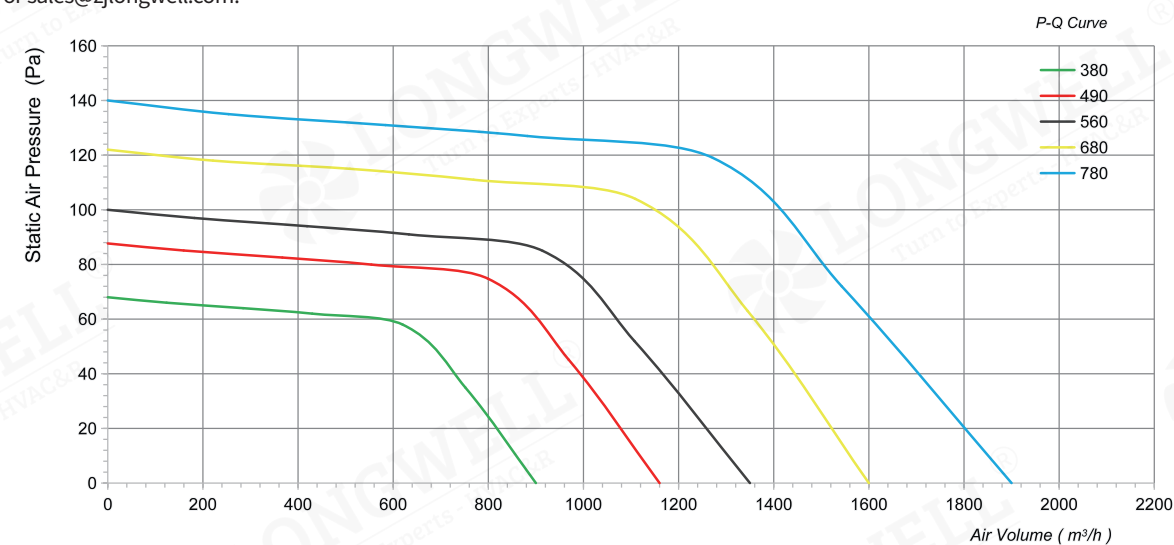
- Motor Type : 3 Phase BLDC Motor
- Voltage : 24V
- Housing Material : Steel+Aluminum Alloy
- Blade Material : Aluminum Alloy
- Insulation Class : B
- Speed Control : 0-10V/PWM
- Signal Output : FG
- Bearing Type: Ball bearing
- Operation Temperature : -25 °C ~ +60 °C



Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Power (W)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-120380MN-06	477	400	380	24	48	1350	68	900	56	Single
LWCD-120490MN-06	587	510	490	24	90	1350	88	1160	57	Single
LWCD-120560MN-06	657	580	560	24	110	1350	100	1350	57	Single
LWCD-120680MN-06	777	700	680	24	123	1350	122	1600	58	Single
LWCD-120780MN-06	916	800	780	24	144	1350	140	1900	60	Single

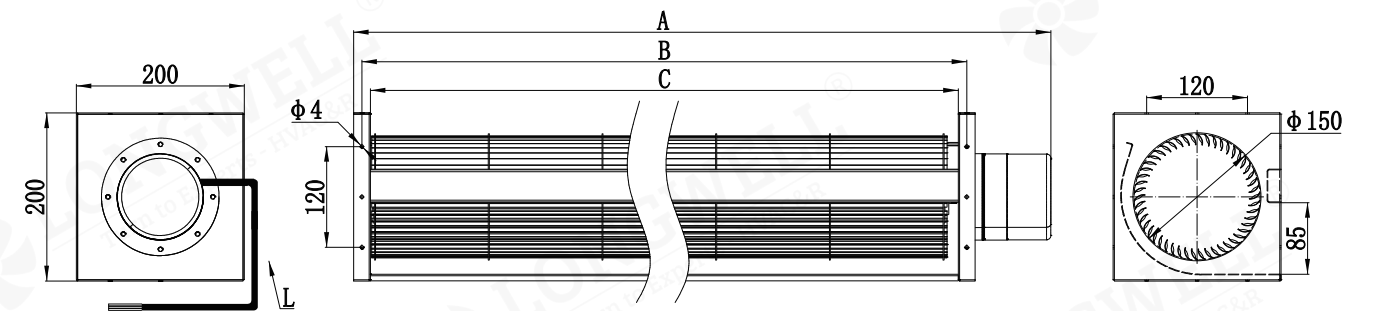
Note: All models listed above are controlled via 0-10V analog voltage input; for PWM speed control, please contact our sales representative or sales@zjlongwell.com.



LWCD-150 Series

Product Characteristic

- Motor Type : 3 Phase BLDC Motor
- Voltage : 24V
- 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 °C ~ +60 °C



Technical Specifications

Model	A (mm)	B (mm)	C (mm)	Voltage (V)	Power (W)	Speed (RPM)	Pressure (Pa)	Air Flow (m³/h)	Noise [dB(A)]	Blower
LWCD-150380MN-06	477	400	380	24	80	1000	50	1350	62	Single
LWCD-150500MN-06	597	520	500	24	84	800	63	1600	60	Single
LWCD-150700MN-06	836	720	700	24	105	800	83	2500	60	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.

