

卡固電設

KAKU Electric Equipment

— 綠能全經金扇風機的創始者 —

EC-fans 
E-Type 軸流風機系列



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綠建築生活

封面

封底



EC-fans^e

E-Type 軸流風機系列

全球首推——卡固全新EC節能高效型軸流風扇
The world's most high performance EC axial cooling fan

獲取多項專利技術的全系列 EC 節能型風扇歷經 5 年艱辛研發以及市場發酵，獲得了海內外各領域客戶的一致信賴與選用。該系列 EC 風機突破了傳統 AC 風機能耗大、風量受局限、無功能抗擾震的風扇，使您自動控制系統更節能、更高效、更智能！該系列風扇已經吸引眾多世界知名企業以及風機製造商 (OEM) 經銷商前來參觀和洽談。為了我們共同賴以生存的地球，也許我們可以做的更多！

Obtain a number of patents for the technologies of EC axial fan series after 5 years of pains taking R&D and marketing expansion, has finally obtained the consistent trust and chosen by customers in various fields at home and abroad. The EC fans break through traditional AC fan energy consumption, air flow limitations, without features of RD,TachFG,PWM function,which give more efficient solution in your automatic control system. The new type EC fan has attracted many world famous company and fan dealers to come to visit and negotiate. For our earth where we are living, perhaps we can do more!

- 全球通用寬電壓 100~240VAC
- 省電&節能
- 綠色&環保
- 智能信號反饋RD,TachFG,PWM(可選)
- 超大風量&更長壽命
- 清潔&高效

Global voltage available 100~240VAC
Energy saving & low power consumption
Environmental protection
Designed with optional features RD,TachFG,PWM function.
Super air flow&longer service life
Green & effective



降低能耗 LOWER POWER CONSUMPTION

能耗最高可降低 90% The highest energy consumption can be reduced by 90%
卡固全系列 EC 軸流風機在 AC 交流入力且不犧牲風量的前提下，大大降低功率，通過 EC 電子馬達，大大提升了功效。

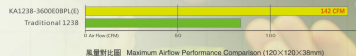
KAKU EC axial fans which are low power consumption offer significantly efficiency through EC motors with AC input and no change with the air flow.



全球通用電壓適用 GLOBAL INPUT VOLTAGE

簡化您對風機電壓的要求 Simplify your fan requirements
全系列型號適用全球通用電壓 100VAC~240VAC,可滿足您對電壓的不同要求，也可以避免因電壓波動造成的風機冷卻性能的影響。

All the Models with Global Input Voltage offer consistent fan performance throughout a wide input voltage range of 100VAC~240VAC. Eliminate concerns of diminished fan cooling performance due to unstable input power.



冷卻性能之提升 IMPROVED PERFORMANCE

超大風量滿足不同的冷卻需求 Increase your cooling capacity with higher airflow
在相同尺寸下，具有比傳統AC風機更強勁的冷卻效果和風量。可以大大降低櫃內溫升，提高系統效率延長壽命。

Low Power Consumption models offer higher airflow performance compared to standard AC fan models in the same package size. Increasing your airflow performance can reduce your operating temperature, improve system efficiency and/or prolong the life of your application.

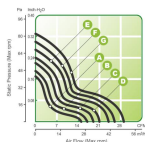
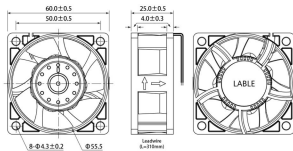


看似平凡的外表下
有一顆綠色的“心”

EC-6025 series

(60 x 60 x 25 mm)
2.36 x 2.36 x 0.98 inch

Construction: P.B.T(U194V-0) impeller & frame
 Bearing option: ball bearing
 Connector: Lead wire, 1007H 24AWG, 310mm
 Frame: flanged
 Protection: EP
 Options: /



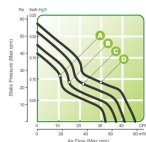
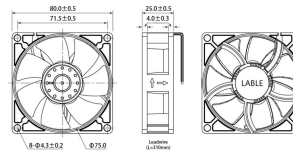
參數表 Specification *100-24VAC 50/60Hz

Model	Current		Power	Speed	Air Flow		Max. Static Pressure	Noise Level	Weight
	A	W			RPM	CFM			
KA6025-2800E(BPLIE)	0.019-0.018	0.95	2800	15	0.17	40	70		
KA6025-3200E(BPLIE)	0.019-0.022	1.12	3200	17	0.19	42	70		
KA6025-3600E(BPLIE)	0.019-0.026	1.5	3600	19	0.22	44	70		
KA6025-4000E(BPLIE)	0.021-0.028	1.58	4000	21	0.24	46	70		
KA6025-4500E(BPLIE)	0.025-0.034	2.1	4500	24	0.27	48	70		
KA6025-5000E(BPLIE)	0.031-0.044	2.73	5000	26	0.30	50	70		
KA6025-5500E(BPLIE)	0.039-0.050	3.15	5500	29	0.33	52	70		

EC-8025 series

(80 x 80 x 25 mm)
3.15 x 3.15 x 0.98 inch

Construction: P.B.T(U194V-0) impeller & frame
 Bearing option: ball bearing
 Connector: Lead wire, 1007H 24AWG, 310mm
 Frame: flanged
 Protection: EP
 Options: /



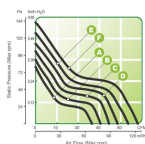
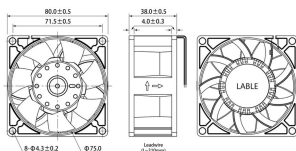
參數表 Specification *100-24VAC 50/60Hz

Model	Current		Power	Speed	Air Flow		Max. Static Pressure	Noise Level	Weight
	A	W			RPM	CFM			
KA8025-2800E(BPLIE)	0.019-0.024	1.37	2800	32	0.16	42	80		
KA8025-3200E(BPLIE)	0.021-0.029	1.73	3200	37	0.18	44	80		
KA8025-3600E(BPLIE)	0.027-0.038	2.31	3600	41	0.21	46	80		
KA8025-4000E(BPLIE)	0.039-0.053	3.36	4000	46	0.23	48	80		

EC-8038 series

(80 x 80 x 38 mm)
3.15 x 3.15 x 1.50 inch

Construction: P.B.T(U)U94V-0 impeller & frame
Bearing option: Ball bearing
Connector: Lead wire, 10079 24AWG, 310mm
Frame: Flanged
Protection: EP
Options: /



參數表 Specification *100-24VAC 50/60Hz

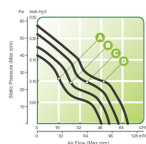
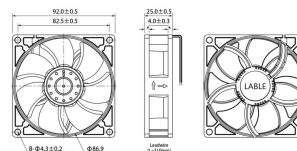
Model	Current		Speed RPM	Air Flow CFM	Max. Static Pressure INCH-H ₂ O	Noise Level dBA	Weight g
	A	W					
KA8038-2800E(BPLIE)	0.020-0.035	2.6	2800	40	0.32	40	170
KA8038-3200E(BPLIE)	0.020-0.044	3.3	3200	46	0.36	42	170
KA8038-3600E(BPLIE)	0.030-0.055	4	3600	52	0.41	44	170
KA8038-4000E(BPLIE)	0.040-0.067	5	4000	58	0.45	46	170
KA8038-4500E(BPLIE)	0.050-0.090	6.6	4500	65	0.51	48	170
KA8038-5000E(BPLIE)	0.060-0.126	8.1	5000	72	0.57	52	170



EC-9225 series

(92 x 92 x 25 mm)
3.62 x 3.62 x 0.98 inch

Construction: P.B.T(U)U94V-0 impeller & frame
Bearing option: Ball bearing
Connector: Lead wire, 10079 24AWG, 310mm
Frame: Flanged
Protection: EP
Options: /



參數表 Specification *100-24VAC 50/60Hz

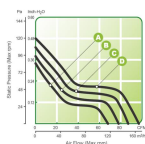
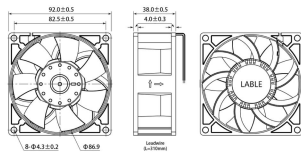
Model	Current		Speed RPM	Air Flow CFM	Max. Static Pressure INCH-H ₂ O	Noise Level dBA	Weight g
	A	W					
KA9225-2800E(BPLIE)	0.021-0.032	2.1	2800	48	0.16	44	100
KA9225-3200E(BPLIE)	0.027-0.038	2.92	3200	54	0.18	46	100
KA9225-3600E(BPLIE)	0.045-0.059	3.57	3600	61	0.21	48	100
KA9225-4000E(BPLIE)	0.055-0.068	4.3	4000	68	0.23	50	100



EC-9238 series

(92 x 92 x 38 mm)
3.62 x 3.62 x 1.50 inch

Construction: P.B.T(U194V-0) impeller & frame
Bearing option: ball bearing
Connector: Lead wire, 1007H 24AWG, 310mm
Frame: Flanged
Protection: EP
Options: /



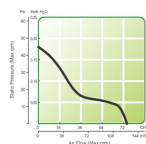
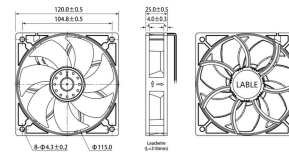
參數表 Specification *100-240VAC 50/60Hz

Model	Current		Power W	Speed RPM	Air Flow CFM	Max. Static Pressure INCH-H ₂ O	Noise Level dBA	Weight g
	A	W						
KA9238-2800E08P(LE)	0.030-0.047	3.7	2800	68	0.34	42	180	
KA9238-3200E08P(LE)	0.034-0.050	4.2	3200	78	0.38	44	180	
KA9238-3600E08P(LE)	0.045-0.084	5.9	3600	87	0.43	46	180	
KA9238-4000E08P(LE)	0.057-0.137	7.6	4000	97	0.48	48	180	

EC-1225P series

(120 x 120 x 25 mm)
4.72 x 4.72 x 0.98 inch

Construction: P.B.T(U194V-0) impeller & frame
Bearing option: ball bearing
Connector: Lead wire, 1007H 24AWG, 310mm
Frame: Flanged
Protection: EP
Options: /



參數表 Specification *100-240VAC 50/60Hz

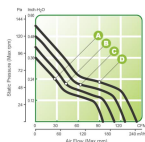
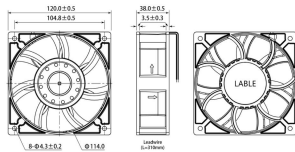
Model	Current		Power W	Speed RPM	Air Flow CFM	Max. Static Pressure INCH-H ₂ O	Noise Level dBA	Weight g
	A	W						
KA1225-2500E08P(LE)	0.115-0.142	5.6	2500	75	0.18	48	140	
KA1225-3000E08P(LE)								
KA1225-3500E08P(LE)								
KA1225-4000E08P(LE)								

研發中，即將推出!

EC-1238P series

(120 x 120 x 38 mm)
4.72 x 4.72 x 1.50 inch

Construction: F.B.T1UL94V-0 impeller & frame
Bearing option: Ball bearing
Connection: Lead wire, 10079 22AWG, 310mm
Frame: flanged
Protection: EP
Options: /



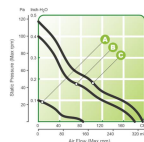
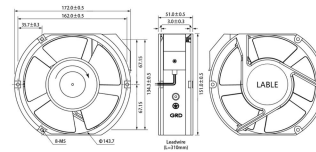
參數表 Specification *100-240VAC 50/60Hz

Model	Current		Power W	Speed RPM	Air Flow CFM	Max. Static Pressure INCH-H ₂ O	Noise Level dB(A)	Weight g
	A	W						
KA1238-240E0B(PLIE)	0.032-0.055	3.6	2400	95	0.36	52	280	
KA1238-280E0B(PLIE)	0.050-0.084	5.7	2800	111	0.42	57	280	
KA1238-320E0B(PLIE)	0.060-0.105	7.6	3200	126	0.48	61	280	
KA1238-360E0B(PLIE)	0.070-0.122	8.7	3600	142	0.54	66	280	

EC-1725 series

(172 x 151 x 51 mm)
6.77 x 5.94 x 2.01 inch

Construction: Light metal material impeller & frame
Bearing option: Ball bearing
Connector: Terminal block with 0.5" 3+7mm-PIN or Lead wire, 10079 22AWG/18AWG, 310mm
Frame: flanged
Protection: EP
Options: /



參數表 Specification *100-240VAC 50/60Hz

Model	Current		Power W	Speed RPM	Air Flow CFM	Max. Static Pressure INCH-H ₂ O	Noise Level dB(A)	Weight g
	A	W						
KA1725-140E0B(MLIE)	0.03-0.06	3	1400	84	0.10	44	600	
KA1725-270E0B(MLIE)	0.10-0.21	15	2700	101	0.40	56	600	
KA1725-310E0B(MLIE)	0.12-0.65	23	3100	196	0.47	59	600	