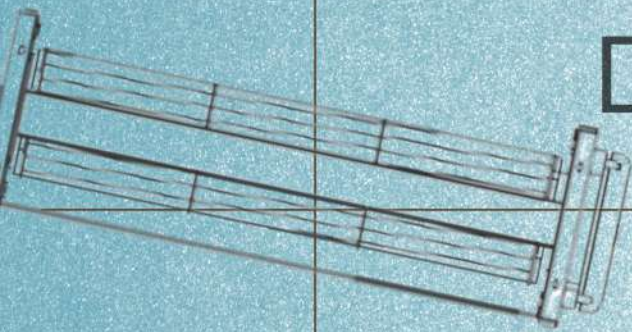


DC Cross Flow Fan

直流橫流扇



型號編碼原則 Model Numbering System

A

①

G

②

E

③

09225

④

B

⑤

12

⑥

M

⑦

風扇分類 FAN CLASSIFICATION

A : 直流軸流扇 DC Axial Fan

B : 鼓風扇/離心扇 Blower/Centrifugal Fan

C : 橫流扇 Cross Flow Fan

I : 交流軸流扇 AC Axial Fan

風扇種類 FAN TYPE

G : 一般類型 General Type

風扇系列 FAN SERIES

由“A”到“Z”來定義外型結構設計不同

Define structural design it from “A” to “Z”

風扇尺寸 FAN SIZE

例 Example: 04020:40X40X20mm

09225:92X92X25mm

12038:120X120X38mm

軸承系統 BEARING SYSTEM

B : 滾珠軸承 Two Ball Bearing

F : 長效軸承 Fluid Magnetic Bearing

S : 含油軸承 Sleeve Bearing

輸入電壓 INPUT VOLTAGE

03 : DC 3V

05 : DC 5V

12 : DC 12V

24 : DC 24V

48 : DC 48V

1 : AC 100V

2 : AC 220V

轉速 ROTATING SPEED

W : 超級高轉 Super High Speed

V : 超高轉 Ultra High Speed

U : 極高轉 Extra High Speed

H : 高轉 High Speed

M : 中轉 Medium Speed

L : 低轉 Low Speed

J : 極低轉 Extra Low Speed

I : 超低轉 Ultra Low Speed



	FG(Tacho) Signal (FG) 輸出的電壓波型供系統感知風扇的轉速。 An additional wire is offered to output an oscillating voltage output which can be used by the system to infer the fan speed
	Rotation Detector Signal(RD) 當風扇靜止(運轉)時，提供電壓訊號，做為風扇停止(運轉)的判斷。 An additional wire is offered to output a voltage signal when the fan is stationary . It is a useful functionality to identify non-operating fan.
	PWM Control 由外部 PWM 訊號輸入來達成控制風扇的速度。 The speed of the fan can be controlled via a pulse-width-modulated (PWM) signal carried by a dedicated input wire.
	IP Level 提供符合 ICE60529 標準的防水等級風扇。 The fans are designed to offer protection against dust and water. The digits behind the letter IP indicate different levels of protection.
	Temperature Control 風扇的溫度會隨連結風扇的熱敏電阻 (NTC) 感應的外部溫度的變化而改變。 A NTC thermistor is connected to the fan and the fan speed varies with the temperature measured by the thermistor.
	Analogue Control Input 由外部輸入電壓控制風扇轉速。 The speed of the fan can be controlled via a voltage signal carried by a dedicated input wire.

DC Cross Flow Fan CBD Series



General Specifications (一般規格)

Motor : DC Brushless motor

馬達：直流無刷單向馬達

Frame : Steel / Impeller : Aluminum die casting

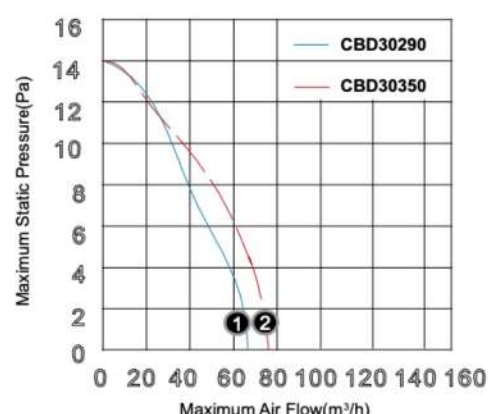
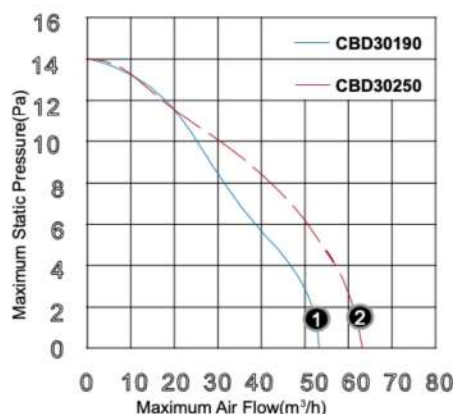
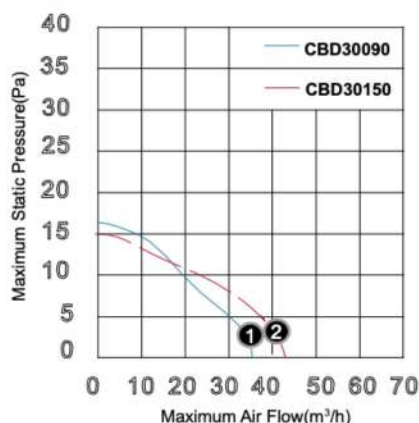
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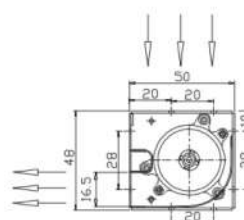
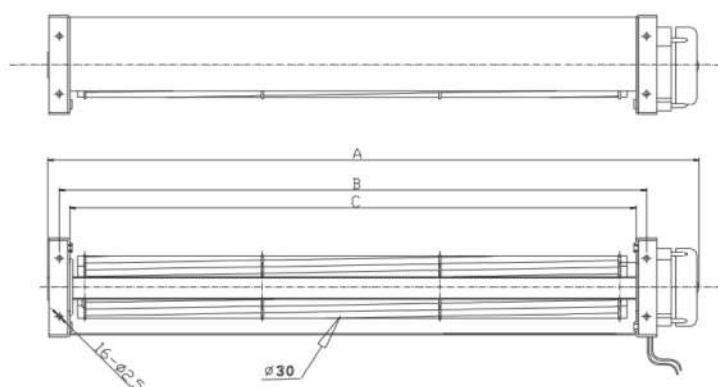
Major Characteristic Parameters 主要參數

Model	Size			Voltage	Current	Speed	Max Air Flow		Max Static Pressure		Sound	P-Q
機型	A	B	C	電壓	電流	轉速	最大風量		最大風壓		噪音	P-Q曲線
Part NO.	mm			V	A	RPM	m3/min	CFM	mm-H2O	In-H2O	dBA	No.
CBD30090B12M	143	108	98	12	0.10	3000	35.00	20.60	1.73	0.068	29	1
CBD30090B24M				24	0.05	3000	35.00	20.60	1.73	0.068	29	1
CBD30150B12M	200	170	160	12	0.12	2800	42.00	24.70	1.53	0.060	30	2
CBD30150B24M				24	0.07	2800	42.00	24.70	1.53	0.060	30	2
CBD30190B12M	222	208	198	12	0.14	2700	52.00	30.60	1.43	0.056	31	1
CBD30190B24M				24	0.08	2700	52.00	30.60	1.43	0.056	31	1
CBD30250B12M	293	258	248	12	0.16	2600	65.00	38.30	1.43	0.056	32	2
CBD30250B24M				24	0.09	2600	65.00	38.30	1.43	0.056	32	2
CBD30290B12M	341	310	300	12	0.18	2500	72.00	42.40	1.33	0.052	33	1
CBD30290B24M				24	0.09	2500	72.00	42.40	1.33	0.052	33	1
CBD30350B12M	390	362	352	12	0.20	2400	84.00	49.40	1.33	0.052	35	2
CBD30350B24M				24	0.10	2400	84.00	49.40	1.33	0.052	35	2

P-Q Curves / P-Q 曲線



Drawing & panel out-cuts 圖面及出入風口



DC Cross Flow Fan CCD Series



General Specifications (一般規格)

Motor : DC Brushless motor

馬達：直流無刷單向馬達

Frame : Steel / Impeller : Aluminum die casting

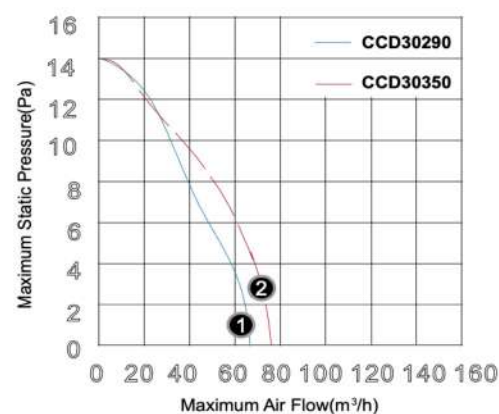
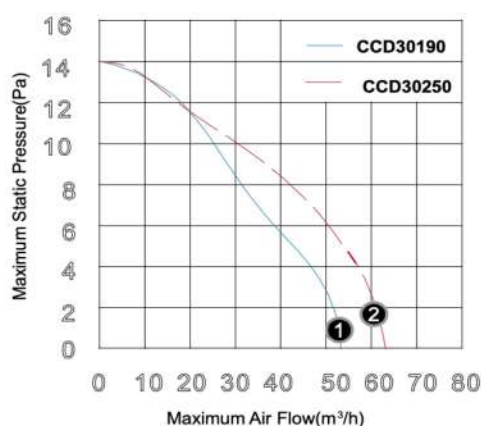
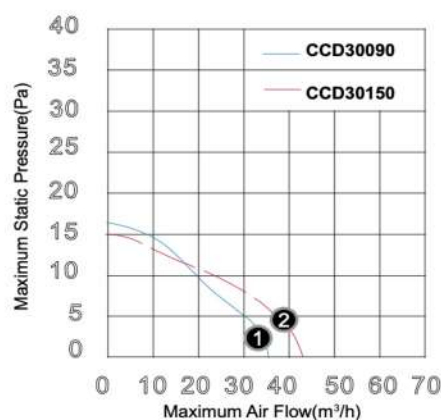
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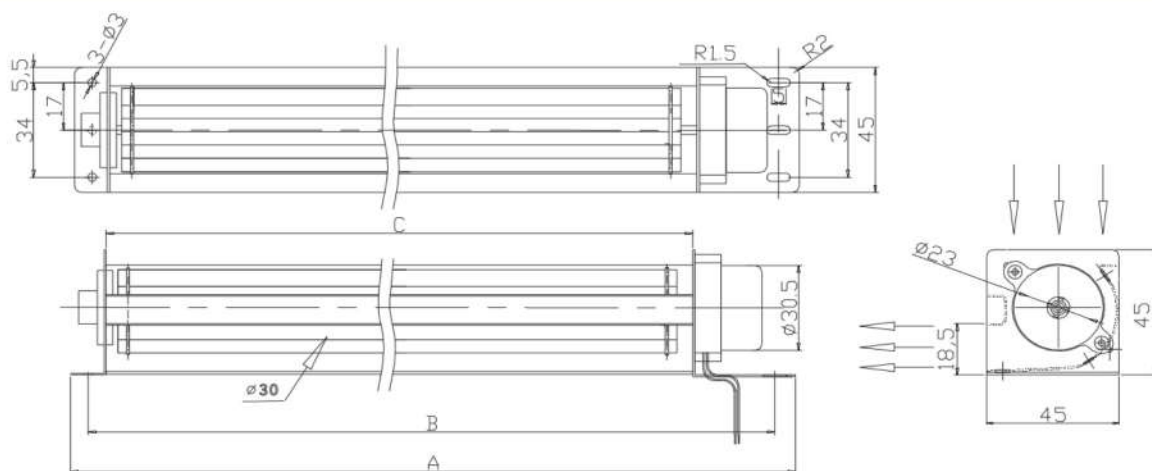
Major Characteristic Parameters 主要參數

Model	Size			Voltage	Current	Speed	Max Air Flow		Max Static Pressure		Sound	P-Q
機型	A	B	C	電壓	電流	轉速	最大風量		最大風壓		噪音	P-Q曲線
Part NO.	mm			V	A	RPM	m3/min	CFM	mm-H2O	In-H2O	dBA	No.
CCD30090B12M	145	132	98	12	0.10	3000	35.0	20.60	1.73	0.068	29	1
CCD30090B24M				24	0.05	3000	35.0	20.60	1.73	0.068	29	1
CCD30150B12M	207	194	160	12	0.12	2800	42.0	24.70	1.53	0.060	30	2
CCD30150B24M				24	0.07	2800	42.0	24.70	1.53	0.060	30	2
CCD30190B12M	245	232	198	12	0.14	2700	52.0	30.60	1.43	0.056	31	1
CCD30190B24M				24	0.08	2700	52.0	30.60	1.43	0.056	31	1
CCD30250B12M	295	282	248	12	0.16	2600	65.0	38.30	1.43	0.056	32	2
CCD30250B24M				24	0.09	2600	65.0	38.30	1.43	0.056	32	2
CCD30290B12M	347	334	300	12	0.18	2500	72.0	42.40	1.33	0.052	33	1
CCD30290B24M				24	0.09	2500	72.0	42.40	1.33	0.052	33	1
CCD30350B12M	399	386	352	12	0.20	2400	84.0	49.40	1.33	0.052	35	2
CCD30350B24M				24	0.10	2400	84.0	49.40	1.33	0.052	35	2

P-Q Curves / P-Q 曲線



Drawing & panel out-cuts 圖面及出入風口



Specification is subject to change for improvement without notice/ 基於改良的規格變更，不另行通知

DC Cross Flow Fan CBD Series



General Specifications (一般規格)

Motor : DC single/three phase Brushless motor.

馬達：直流單向/三相無刷馬達

Frame : Steel / Impeller : Aluminum die casting

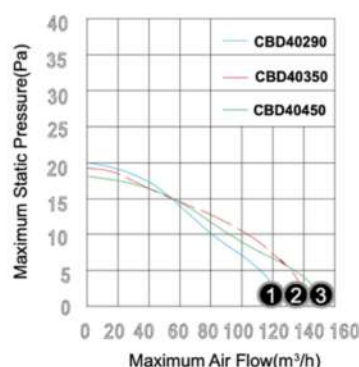
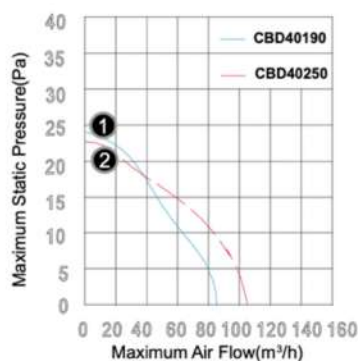
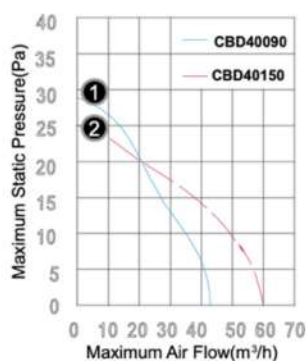
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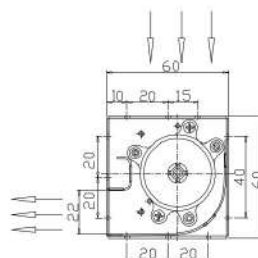
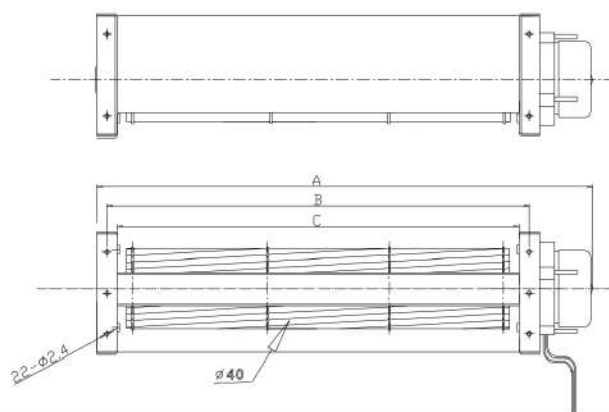
Major Characteristic Parameters 主要參數

Model	Size			Voltage	Current	Speed	Max Air Flow		Max Static Pressure		Sound	P-Q
機型	A	B	C	電壓	電流	轉速	最大風量		最大風壓		噪音	P-Q曲線
Part NO.	mm			V	A	RPM	m3/min	CFM	mm-H2O	In-H2O	dBA	No.
CBD40090B12M	145	108	98	12	0.12	3000	42	24.70	2.86	0.114	33	1
CBD40090B24M				24	0.07	3000	42	24.70	2.86	0.114	33	1
CBD40150B12M	210	170	160	12	0.18	2700	60	35.30	2.55	0.102	34	2
CBD40150B24M				24	0.10	2700	60	35.30	2.55	0.102	34	2
CBD40190B12M	230	208	198	12	0.20	2500	84	49.40	2.55	0.098	35	1
CBD40190B24M				24	0.12	2500	84	49.40	2.55	0.098	35	1
CBD40250B12M	300	260	250	12	0.23	2400	107	63.00	2.45	0.094	36	2
CBD40250B24M				24	0.13	2400	107	63.00	2.45	0.094	36	2
CBD40290B12M	352	310	300	12	0.26	2300	126	74.20	2.14	0.083	37	1
CBD40290B24M				24	0.14	2300	126	74.20	2.14	0.083	37	1
CBD40350B12M	417	258	348	12	0.29	2200	144	84.70	2.04	0.079	38	2
CBD40350B24M				24	0.16	2200	144	84.70	2.04	0.079	38	2
CBD40450B12M	472	430	420	12	0.32	2000	156	91.80	1.84	0.071	39	3
CBD40450B24M				24	0.17	2000	156	91.80	1.84	0.071	39	3

P-Q Curves / P-Q 曲線



Drawing & panel out-cuts 圖面及出入風口



DC Cross Flow Fan CCD Series



General Specifications (一般規格)

Motor : DC single/three phase Brushless motor.

馬達：直流單向/三相無刷馬達

Frame : Steel / Impeller : Aluminum die casting

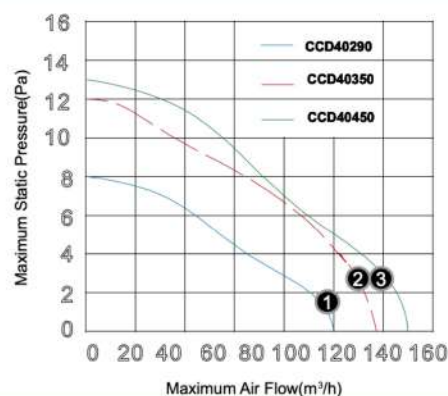
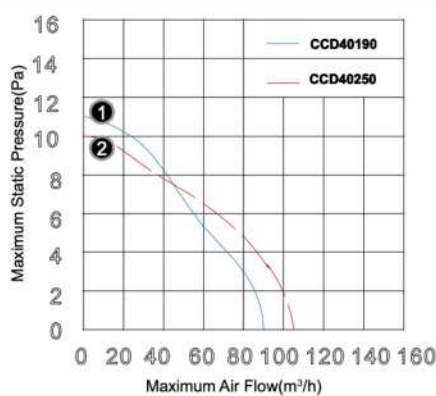
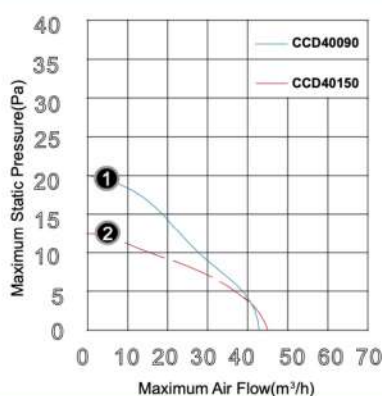
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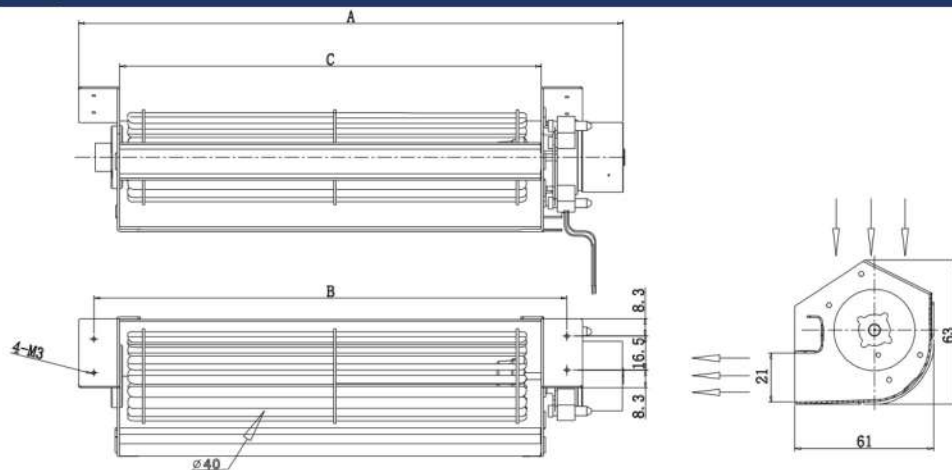
Major Characteristic Parameters 主要參數

Model	Size			Voltage	Current	Speed	Max Air Flow		Max Static Pressure		Sound	P-Q
機型	A	B	C	電壓	電流	轉速	最大風量		最大風壓		噪音	P-Q曲線
Part NO.	mm			V	A	RPM	m3/min	CFM	mm-H2O	In-H2O	dBA	No.
CCD40090B12M	167	121	98	12	0.12	3000	42	24.7	2.86	0.114	33	1
CCD40090B24M				24	0.07	3000	42	24.7	2.86	0.114	33	1
CCD40150B12M	229	183	160	12	0.18	2700	60	35.3	2.55	0.102	34	2
CCD40150B24M				24	0.10	2700	60	35.3	2.55	0.102	34	2
CCD40190B12M	267	221	198	12	0.20	2500	84	49.4	2.55	0.098	35	1
CCD40190B24M				24	0.12	2500	84	49.4	2.55	0.098	35	1
CCD40250B12M	319	273	250	12	0.23	2400	107	63.0	2.45	0.094	36	2
CCD40250B24M				24	0.13	2400	107	63.0	2.45	0.094	36	2
CCD40290B12M	369	323	300	12	0.26	2300	126	74.2	2.14	0.083	37	1
CCD40290B24M				24	0.14	2300	126	74.2	2.14	0.083	37	1
CCD40350B12M	417	371	348	12	0.29	2200	144	84.7	2.04	0.079	38	2
CCD40350B24M				24	0.16	2200	144	84.7	2.04	0.079	38	2
CCD40450B12M	489	443	420	12	0.32	2000	156	91.8	1.84	0.071	39	3
CCD40450B24M				24	0.17	2000	156	91.8	1.84	0.071	39	3

P-Q Curves / P-Q 曲線



Drawing & panel out-cuts 圖面及出入風口



Specification is subject to change for improvement without notice/ 基於改良的規格變更，不另行通知

DC Cross Flow Fan CED Series



General Specifications (一般規格)

Motor : DC single/three phase Brushless motor.

馬達：直流單向/三相無刷馬達

Frame : Steel / Impeller : Aluminum die casting

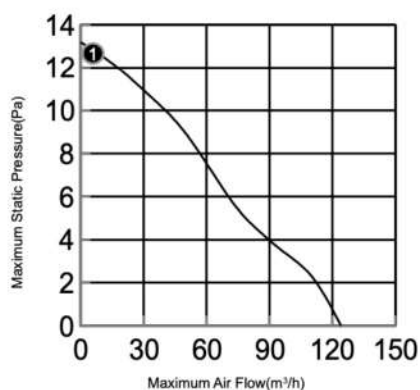
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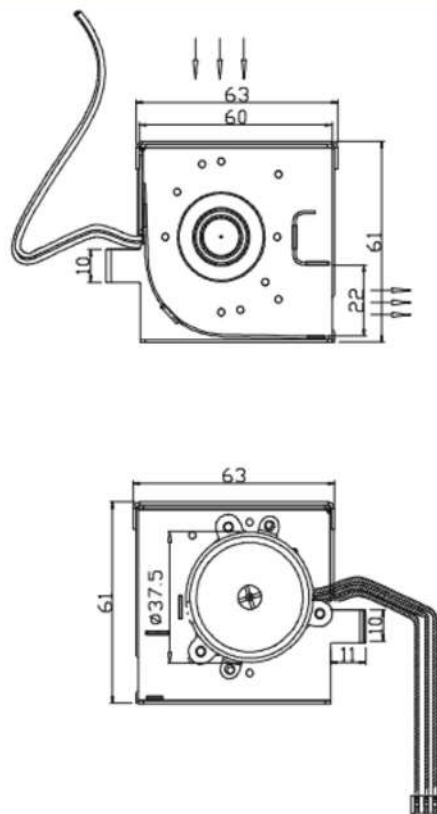
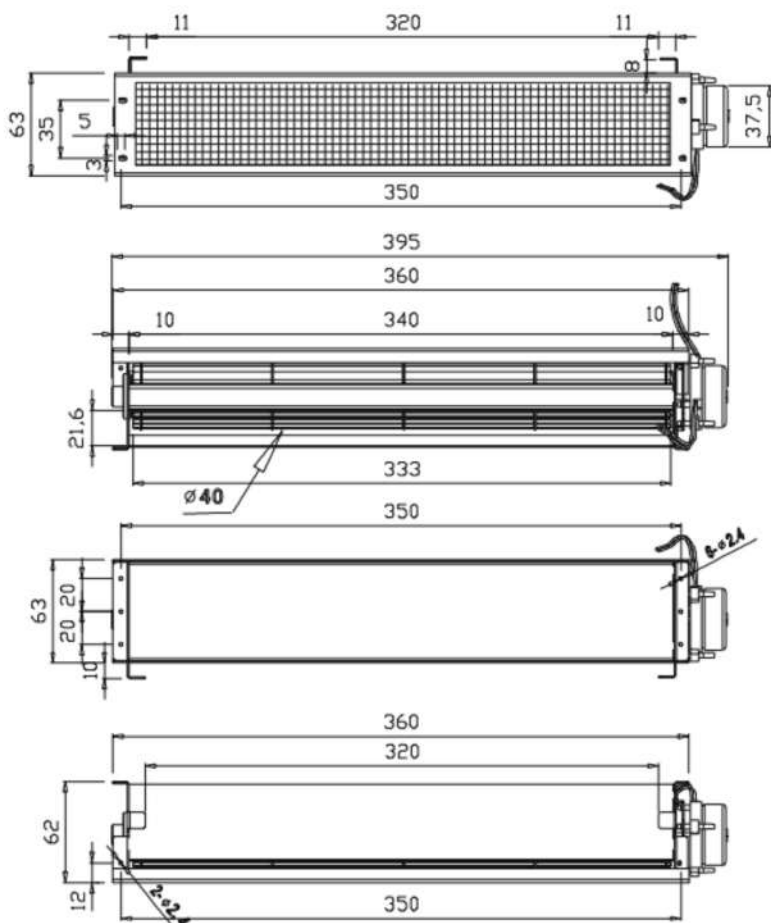
Major Characteristic Parameters 主要參數

Model	Size			Voltage	Current	Speed	Max Air Flow		Max Static Pressure		Sound	P-Q
機型	A	B	C	電壓	電流	轉速	最大風量		最大風壓		噪音	P-Q曲線
Part NO.	mm			V	A	RPM	m3/min	CFM	mm-H2O	In-H2O	dBA	No.
CED40340B24M	395	360	340	24	0.16	2200	60	35.3	1.33	0.050	34	1

P-Q Curves / P-Q 曲線



Drawing & panel out-cuts 圖面及出入風口



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