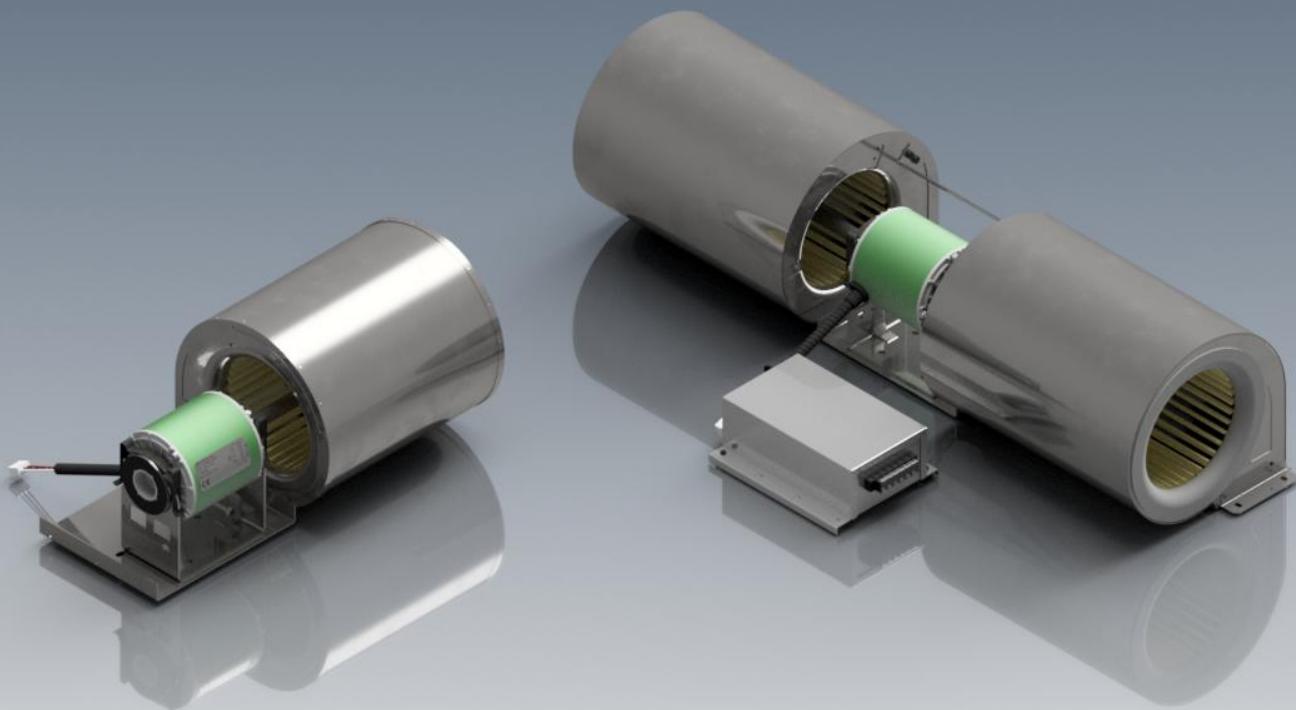


www.fanmotorsitalia.com



EC FAN DECKS

I nuovi ventilatori EC utilizzano motori monofase alimentati a 230V, 50/60Hz e collegati ad un'elettronica che consente di modificare la velocità utilizzando corrente continua (D / C) in un intervallo da 2 a 10 V con un range di velocità da 300 giri / min fino a 1500 giri / min.

Il motoventilatore elettronico consente di risparmiare energia fino al 70% e i livelli di rumorosità sono ridotti fino al 20% rispetto ai motori tradizionali. Alloggiamenti e giranti possono essere facilmente modificati su richiesta, in base alle diverse esigenze del cliente.

La nostra esperienza ci permette di offrire soluzioni su misura per ogni esigenza, ricercando la combinazione ottimale motore-ventola per ogni applicazione, senza trascurare l'ottimizzazione del risparmio energetico e della rumorosità.

EC FAN DECKS

New EC fan decks use single-phase motors supplied at 230V 50/60Hz, connected with electronic control block which allows to change speed using direct current (D/C) in a range from 2 until 10V with a speed range of speeds from 300 rpm up to 1500rpm

Electronic fan deck saves energy up to 70% and noise levels are reduced up to 20% compared to traditional motors

Housings and impellers can be easily changed on demand, accordingly to different customer's needs.

Thanks to a very long experience, we offer custom-made solutions for specific demands finding the optimal motor-blade combination for each application and we always take care about energy saving and noise level for each application.

EC Fan Deck



Temperatura ambiente: -20°C / +45°C

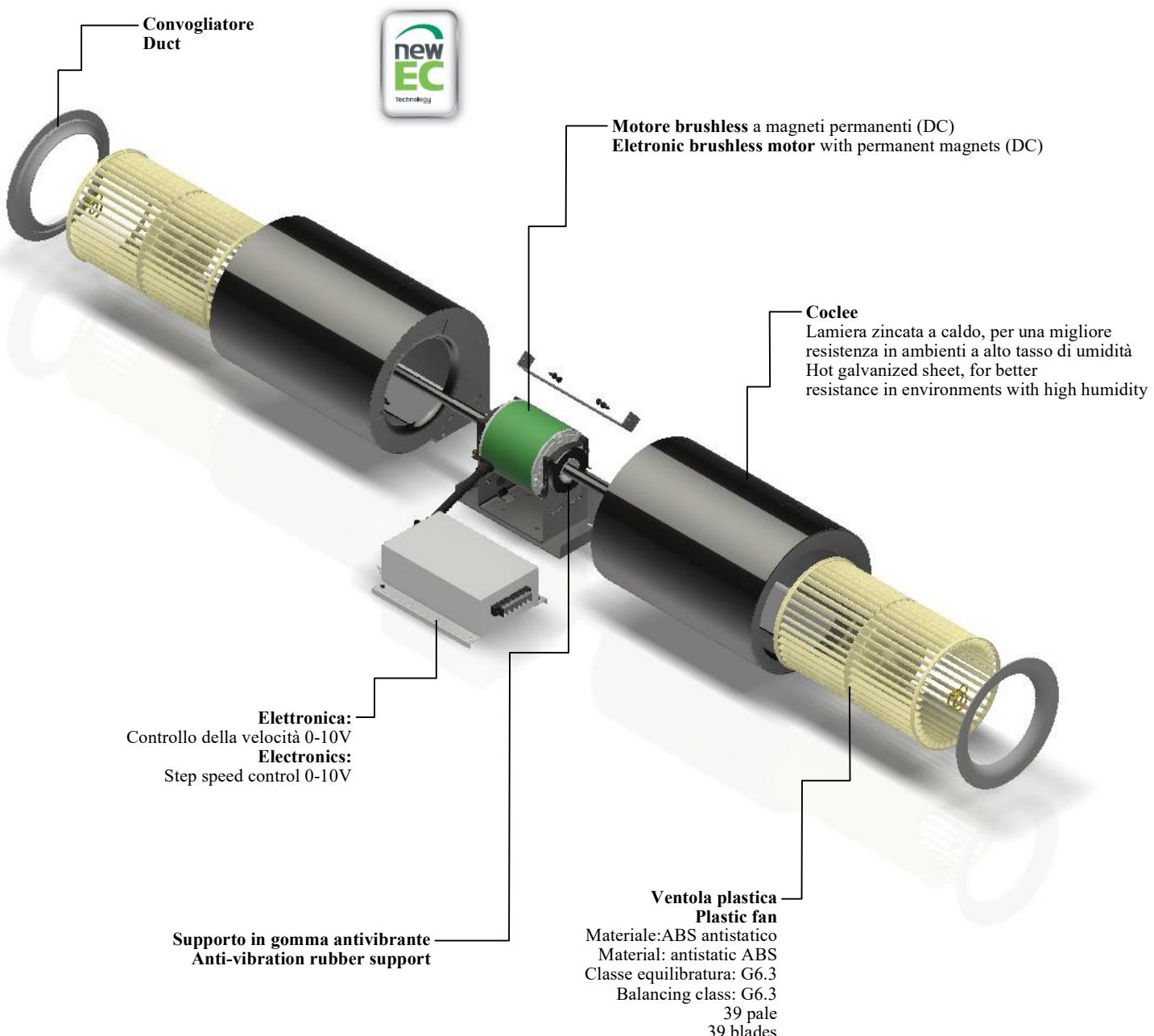
Ambient temperature: -20°C / +45°C

Classe di isolamento: CL.B

Insulation class: Cl.B

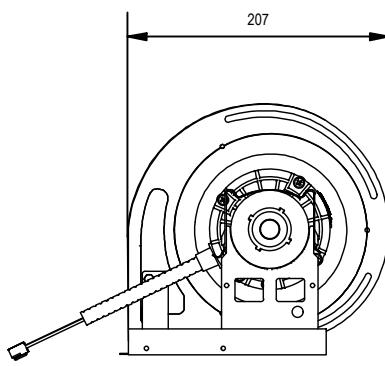
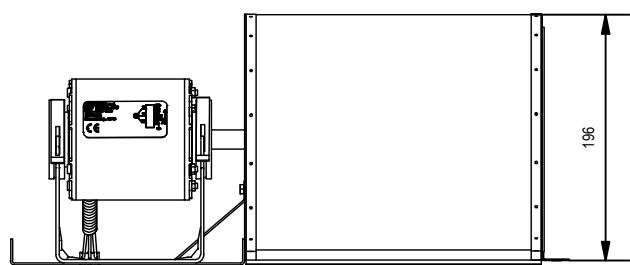
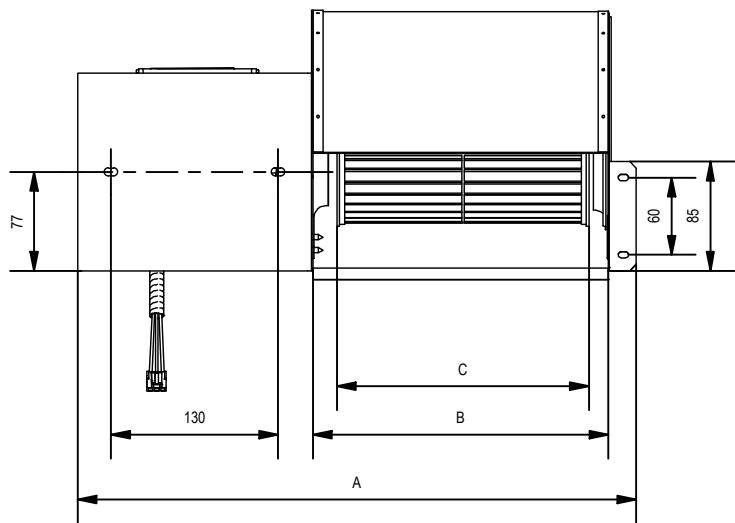
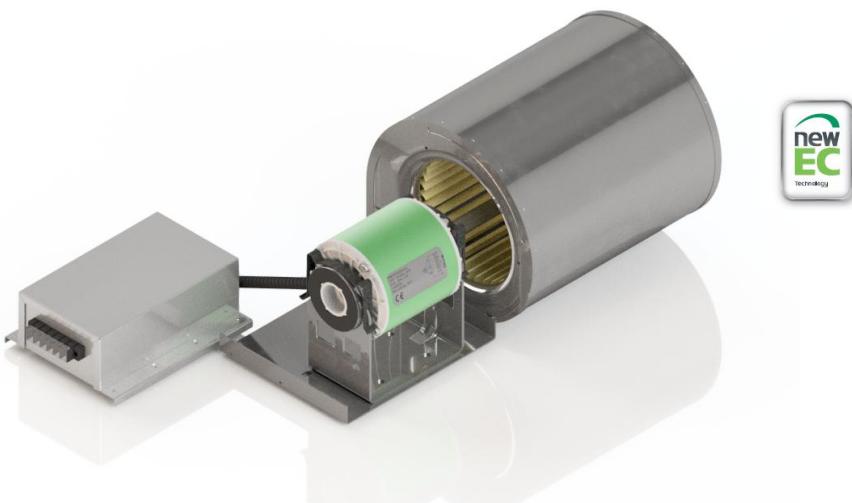
Classe di protezione: IP44

Protection class: IP44



EC Fan Deck

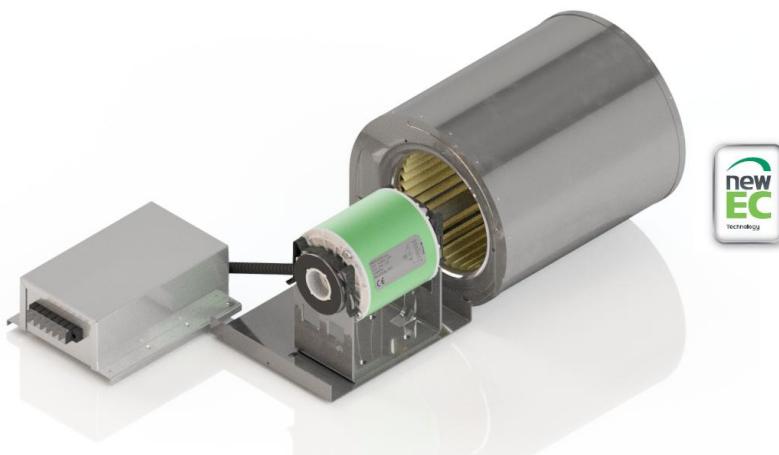
60W single shaft



Article number	A (mm)	B (mm)	C (mm)
ECDCK1000	413	208	176
ECDCK2000	433	228	196
ECDCK3000	453	248	216
ECDCK4000	477	272	240

EC Fan Deck

60W single shaft

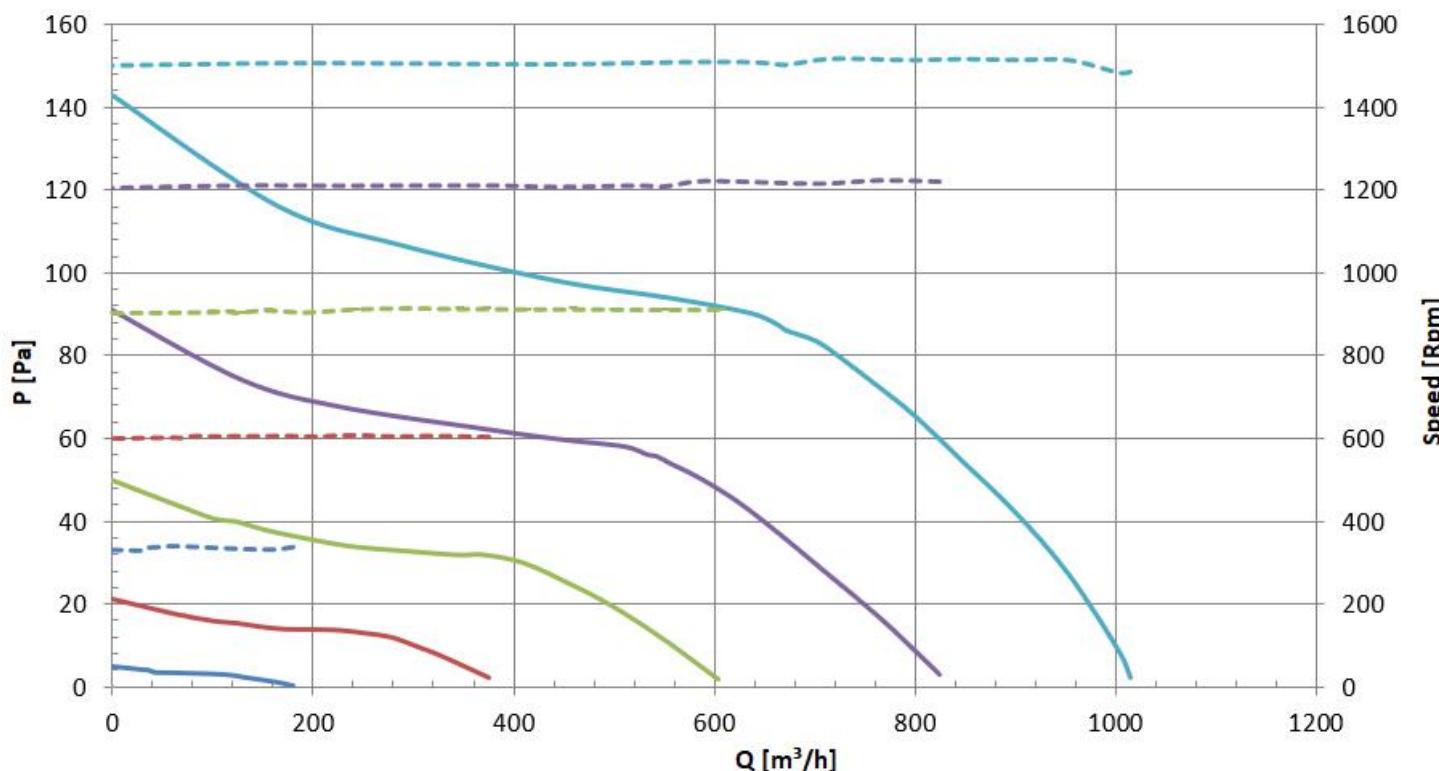


FAN DATA		V / Hz	Q max [m³/h]	P max [Pa]	Power in max [W]	Current max [A]	Speed max [Rpm]	Max Aeraulic Efficiency %
1	Ø146x196 Plastic fan blade at 2VDC	230/50	180	4,8	3,3	0,087	339	2,90
2	Ø146x196 Plastic fan blade at 4VDC	230/50	374	21,3	8,7	0,121	607	12,70
3	Ø146x196 Plastic fan blade at 6VDC	230/50	604	50,0	22,9	0,161	915	21,40
4	Ø146x196 Plastic fan blade at 8VDC	230/50	824	91,0	51,5	0,441	1222	25,30
5	Ø146x196 Plastic fan blade at 10VDC	230/50	1015	142,9	93,6	0,749	1519	27,80

All results are converted at referring data:

Air density (Kg/m³): 1.204 - Pressure (Pa): 101325 - Temperature (20°C) - Humidity (%): 0

Reference standard AMCA 210-16



*Prestazioni di riferimento, relative a ventola in plastica Ø146x196mm

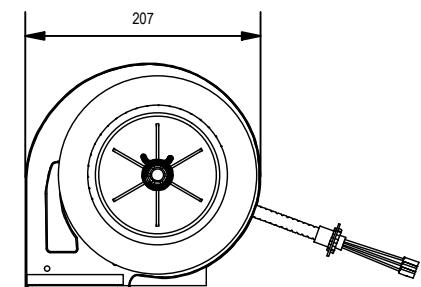
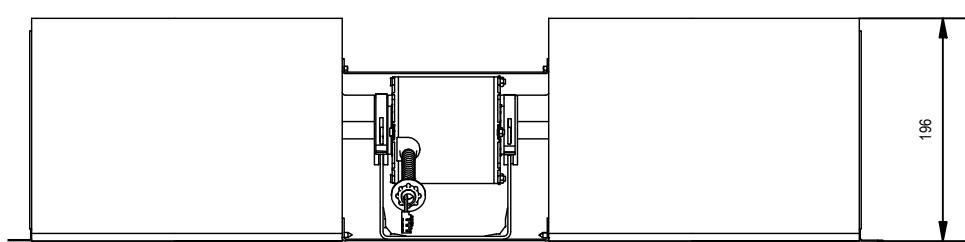
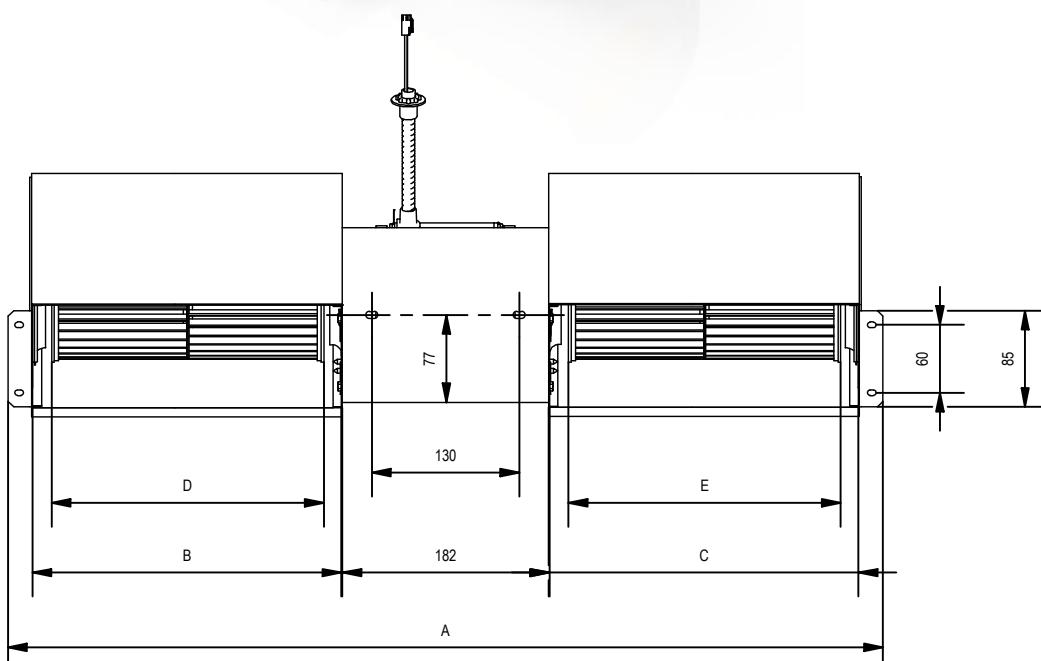
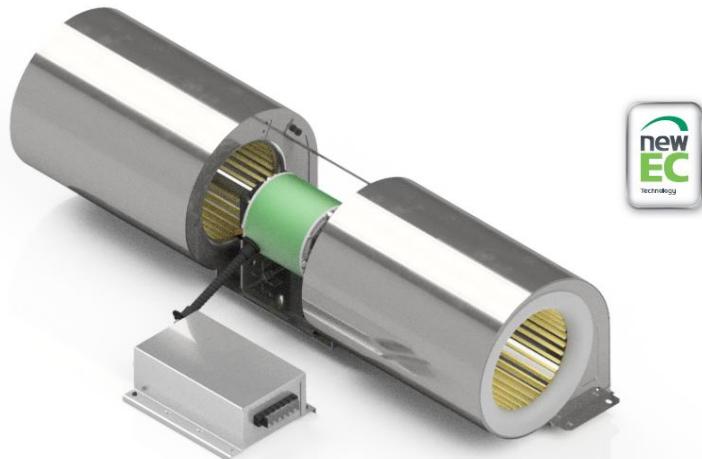
Su richiesta sono disponibili altre configurazioni (vedi pag.2)

* Reference performance for Ø146x196mm plastic fan

Other configurations are available upon request (see page 2)

EC Fan Deck

120W double shaft



Article number	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
ECDC5000	644	208	208	176	176
ECDC6000	684	228	228	196	196
ECDC7000	724	248	248	216	216
ECDC8000	772	272	272	240	240

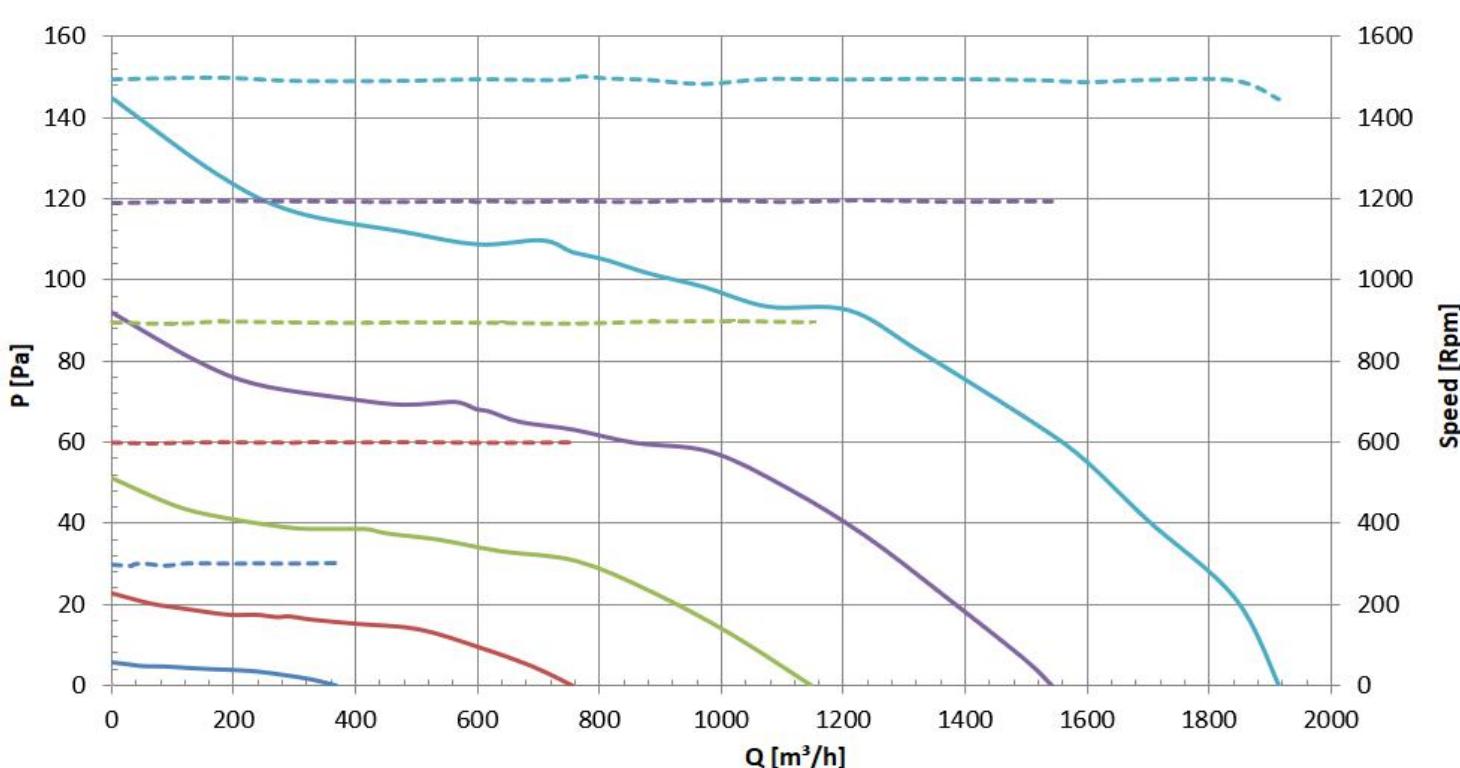
EC Fan Deck

120W double shaft



FAN DATA		V / Hz	Q max [m³/h]	P max [Pa]	Power in max [W]	Current max [A]	Speed max [Rpm]	Max Aeraulic Efficiency %
— 1	2xØ146x176 Plastic fan blade at 2VDC	230/50	367	5,8	3,9	0,107	302	6,90
— 2	2xØ146x176 Plastic fan blade at 4VDC	230/50	756	22,7	13,8	0,170	601	19,50
— 3	2xØ146x176 Plastic fan blade at 6VDC	230/50	1148	51,2	40,2	0,378	899	26,90
— 4	2xØ146x176 Plastic fan blade at 8VDC	230/50	1541	91,9	93,7	0,773	1197	31,00
— 5	2xØ146x176 Plastic fan blade at 10VDC	230/50	1915	111,9	175,1	1,370	1500	33,30

All results are converted at referring data:
 Air density (Kg/m³): 1.204 - Pressure (Pa): 101325 - Temperature (20°C) - Humidity (%): 0
 Reference standard AMCA 210-16



*Prestazioni di riferimento relative a ventola in plastica Ø146x176mm
 Su richiesta sono disponibili altre configurazioni (vedi pag.4)

* Reference performance for Ø146x176mm plastic fan
 Other configurations are available upon request (see page 4)

EC Fan Deck

120W double shaft

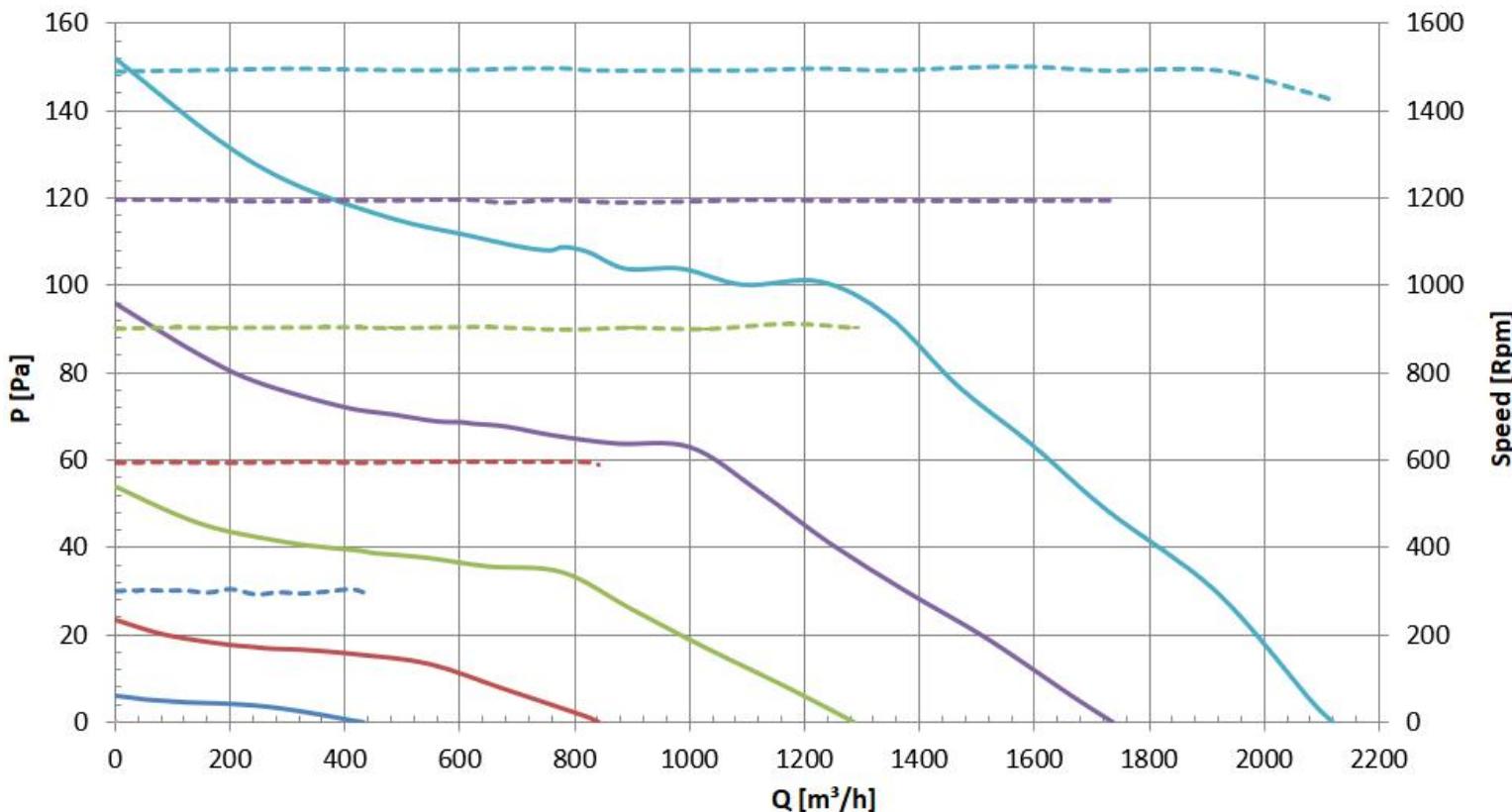


FAN DATA		V / Hz	Q max [m³/h]	P max [Pa]	Power in max [W]	Current max [A]	Speed max [Rpm]	Max Aeraulic Efficiency %
— 1	2xØ146x240 Plastic fan blade at 2VDC	230/50	432	6,2	3,9	0,105	303	7,90
— 2	2xØ146x240 Plastic fan blade at 4VDC	230/50	842	23,3	13,9	0,170	595	20,90
— 3	2xØ146x240 Plastic fan blade at 6VDC	230/50	1285	54,0	42,2	0,382	913	28,80
— 4	2xØ146x240 Plastic fan blade at 8VDC	230/50	1735	95,9	99,1	0,809	1197	32,40
— 5	2xØ146x240 Plastic fan blade at 10VDC	230/50	2120	115,3	176,8	1,390	1500	33,60

All results are converted at referring data:

Air density (Kg/m³): 1.204 - Pressure (Pa): 101325 - Temperature (20°C) - Humidity (%): 0

Reference standard AMCA 210-16

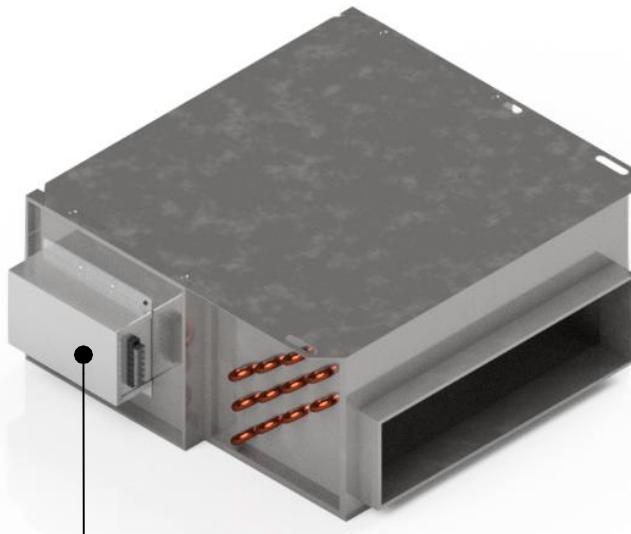


*Prestazioni di riferimento relative a ventola in plastica Ø146x240mm

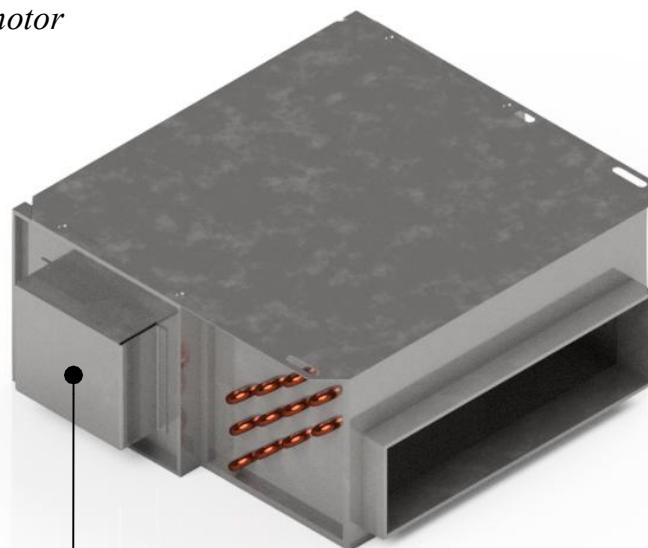
Su richiesta sono disponibili altre configurazioni (vedi pag.4)

* Reference performance for Ø146x240mm plastic fan

Other configurations are available upon request (see page 4)



Box connessione motore EC
Connection box EC motor



Box connessione motore AC
Connection box AC motor



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