

Technical Data Sheet

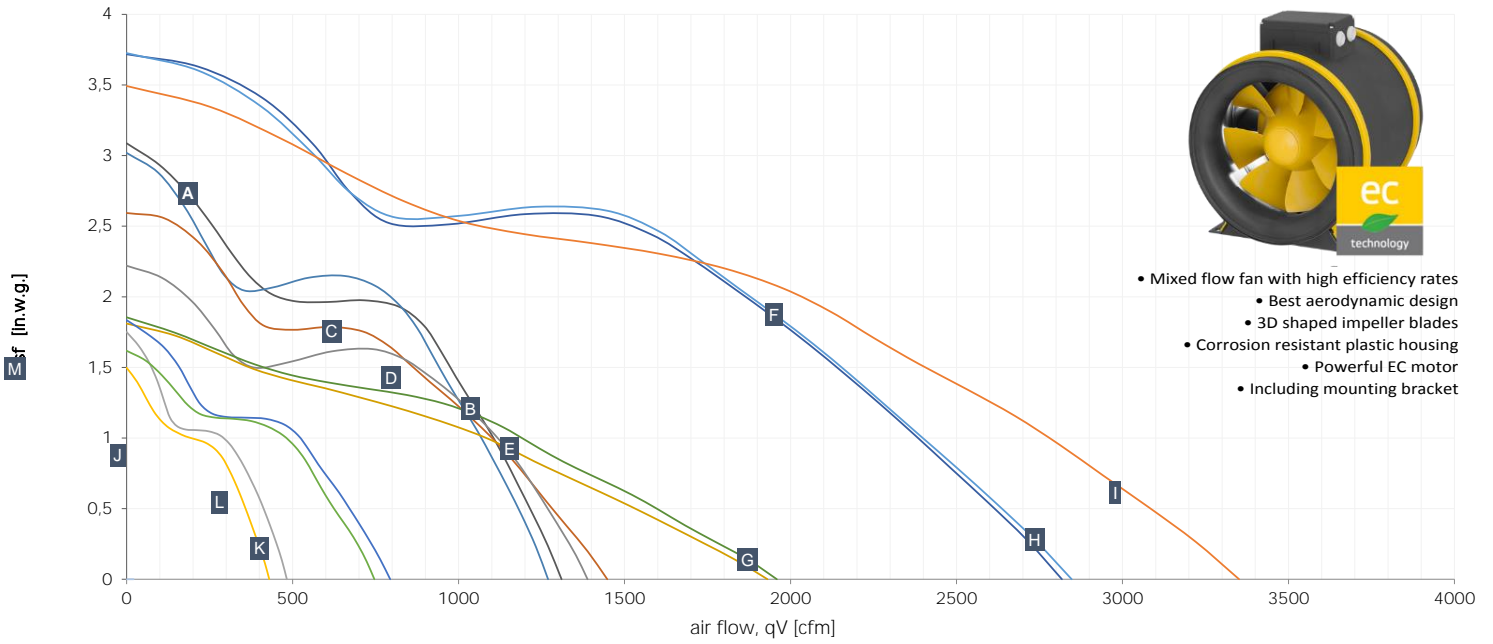
Prime Evo EC



This report data could change without any previous advice



- Mixed flow fan with high efficiency rates
 - Best aerodynamic design
 - 3D shaped impeller blades
- Corrosion resistant plastic housing
 - Powerful EC motor
 - Including mounting bracket



Technical specifications

#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22	#23
Curve designation	Model	Voltage UN, V	Frequency, Hz	Max. power consumption, W	Max. current consumption, A	Max. air flow, cfm	Max. static pressure, in. w.g.	Max. rotation speed, 1/min	Max. static efficiency, %	SFP, hp/kcfm	Max. allowed ambient temperature, °F	Max. allowed medium temperature, °F	Min. operating temperature, °F	SWL inlet at 3m, LpA5, dB(A)	SWL outlet at 3m, LpA6, dB(A)	SWL hous. break out at 3m, LpA6, dB(A)	Speed Control	Motor protection	Motor IP	Insulation class	Weight, lbs	Capacitor, µF
A	10" Prime Evo EC	120, 1-	60	298	3.49	1313	3,09	3870	57.5	0,30	140	140	-22	74	78	63	0-10V	TEC	IP30	F	11	-
B	10" S-Prime Evo EC	120, 1-	60	298	3.5	1271	3,01	3900	56.2	0,31	104	104	-22	68	65	54	0-10V	TEC	IP30	F	23	-
C	12" Prime Evo EC	120, 1-	60	262	2.96	1448	2,61	3200	54.3	0,24	131	131	-13	-10	-10		0-10V	TEC	IP30	F	-	-
D	12" S-Prime Evo EC	120, 1-	60	262	3.1	1389	2,21	2960	56	0,25	104	104	-22	67	66	56	0-10V	TEC	IP30	F	26	-
E	14" Prime Evo EC	120, 1-	60	258	3.12	1931	1,81	2180	48.8	0,18	104	104	-13	-10	-10		0-10V	TEC	IP30	F	-	-
F	14" Prime Evo EC HO	240, 1-	60	731	3.37	2819	3,73	3010	58.4	0,35	140	140	-13	80	83	63	0-10V	TEC	IP20	B	21	-
G	14" S-Prime Evo EC	120, 1-	60	258	3.1	1960	1,85	2235	52.3	0,18	104	104	-22	66	65	51	0-10V	TEC	IP30	F	38	-
H	14" S-Prime Evo EC HO	240, 1-	60	731	3.4	2849	3,73	3000	61.1	0,34	104	104	-13	75	75	60	0-10V	TEC	IP20	F	42	-
I	16" Prime Evo EC	240, 1-	60	729	3.35	3355	3,49	2620	61.5	0,29	140	140	-13	79	82	60	0-10V	TEC	IP20	B	26	-
J	6" Prime Evo EC	120, 1-	60	72	0.98	483	1,77	3780	47.1	0,20	140	140	-22	64	64	48	0-10V	TEC	IP54	F	7	-
K	6" S-Prime Evo EC	120, 1-	60	72	1	430	1,49	3790	39.8	0,22	104	104	-22	52	52	44	0-10V	TEC	IP54	F	17	-
L	8" Prime Evo EC	120, 1-	60	124	1.59	795	1,85	3140	45.4	0,21	122	122	-22	68	69	49	0-10V	TEC	IP54	F	9	-
M	8" S-Prime Evo EC	120, 1-	60	124	1.6	747	1,61	3170	41.8	0,22	104	104	-22	59	59	46	0-10V	TEC	IP54	F	20	-

#18
3-2-1: 3-step switch; int3-2-1: Internally prewired 3-speed switch; 4-3-2-1: 4-step switch; f: frequency controlled; V: voltage controlled; PWM: Stepless control via Pulse Width Modulation (MTP 50)

#19
TA - Automatic thermal contact. Thermal contact will automatically reset after overload. TM - Manual thermal contact. Thermal contact will not reset automatically after overload. ... I - Internally prewired (motor current direct over thermal contact). ... E - Externally prewired (motor current direct over thermal contact). ... O - Externally prewired (motor current not over thermal contact). ... U - External contacts can be wired in the motor. TEC - Internal electronic temperature monitoring.