

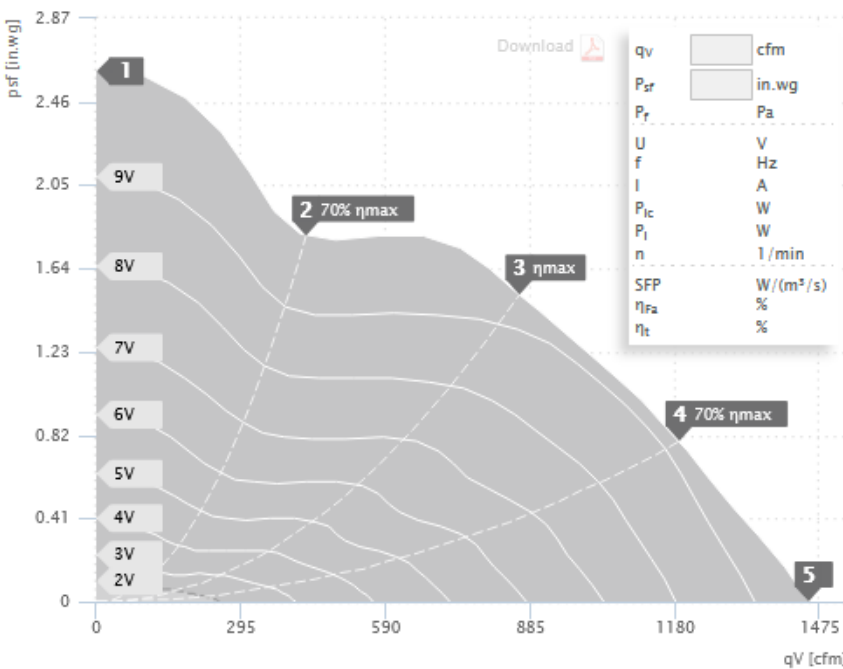
12" Prime Evo EC | 147716



Price available upon request

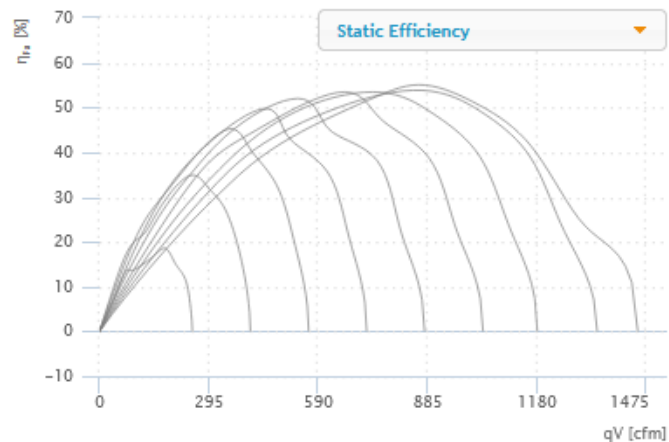
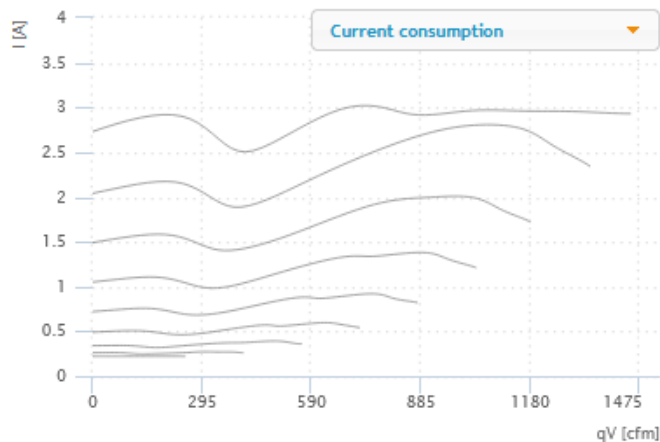
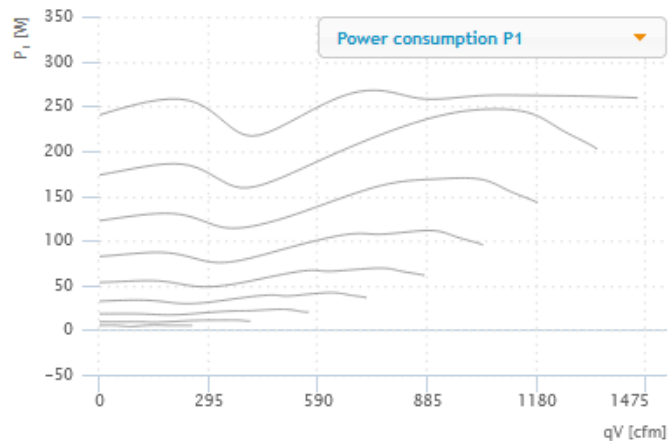
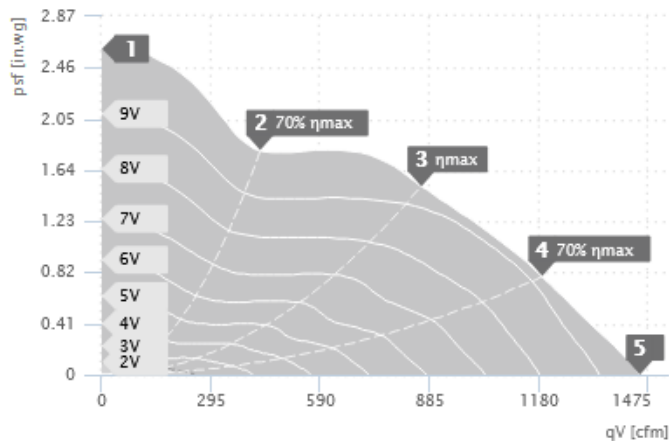
- Mixed flow fan with high efficiency rates
- Best aerodynamic design
- 3D shaped impeller blades
- Corrosion resistant plastic housing
- Powerful EC motor
- Including mounting bracket

12" Prime Evo EC 60 Hz	
Voltage U_N	120 V 1~
Current I_{max}	3.1 A
Ambient temperature t_a	55 °C
Conveyed medium temperature t_m	55 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	7,1 kg
Number of poles	-
IP motor	IP30
IP terminal box	IP44
Min. operating temperature	-25 °C



Sound power (L_{W}) dB(A)		Medium Frequency Band							
	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L_{WA5}	-	-	-	-	-	-	-	-
Outlet	L_{WA6}	-	-	-	-	-	-	-	-
Housing radiation	L_{WA2}	-	-	-	-	-	-	-	-

Operating Point		1	2	3	4	5
Current I	A	2.7	2.5	2.9	2.9	2.9
Power consumption P_1	W	239	217	258	261	259
Rotation speed n	1/min	3167	3195	2989	2945	3098
SWL inlet L_{WA5}	dB(A)	80	79	79	80	81
SWL outlet L_{WA6}	dB(A)	84	82	81	82	83
SWL housing break out L_{WA2}	dB(A)	75	76	75	75	77



Type 12" Prime Evo EC ID 147716			Rated current			A	3
			Rated speed			1/min	2920
Connection data entire unit			Max. static efficiency			%	54.3
Rated frequency	Hz	60	Max. total efficiency			%	58.2
Rated voltage	V	120	Max. allowed frequency (3" motors)			Hz	-
Rated power	W	262	Max. allowed RPM (EC-motors)			1/min	-
Max. operating current	A	3.1	Max. power consumption			W	262
Phase		1~	Max. current consumption			A	3
Motor Type		EC	Max. rotation speed			1/min	3200
Type of motor control		0-10V	Max. air flow			m³/h	2460
Motor protection		TEC	Min. pressure			Pa	-
Capacitor µ	µF	-	Max. pressure			Pa	650
Capacitor voltage	V	-	Max. allowed ambient temperature at rated current			°C	55
Insulation class motor		F	Max. allowed medium temperature at rated current			°C	55
Number of poles		-	Max. allowed ambient temperature			°C	55
IP motor		IP30	Max. allowed medium temperature			°C	55
IP terminal box		IP44	Blocking current			A	-
IP complete unit		IPX4	Min. allowed voltage			V	-
Min. operating temperature	°C	-25	Weight			kg	7,1

Sound Measurement (Octave)			Σ	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz	
SWL inlet	L _{WA5}	dB(A)	1	80	54	64	68	73	76	73	69	59
			2	79	57	65	67	73	76	72	68	58
			3	79	53	63	67	73	75	72	67	57
			4	80	39	47	61	68	77	73	70	64
			5	81	39	48	61	70	78	75	72	66
SWL outlet	L _{WA6}	dB(A)	1	84	52	66	73	77	81	77	71	63
			2	82	54	65	70	75	79	75	69	60
			3	81	57	69	68	74	78	73	66	57
			4	82	37	49	70	73	78	75	71	65
			5	83	40	47	68	75	80	77	72	67
SWL housing break out	L _{WA2}	dB(A)	1	75	53	54	52	54	74	61	50	42
			2	76	55	55	49	52	76	61	48	40
			3	75	47	46	44	50	75	59	46	38
			4	75	43	44	45	50	75	59	47	37
			5	77	38	42	45	52	77	60	48	38