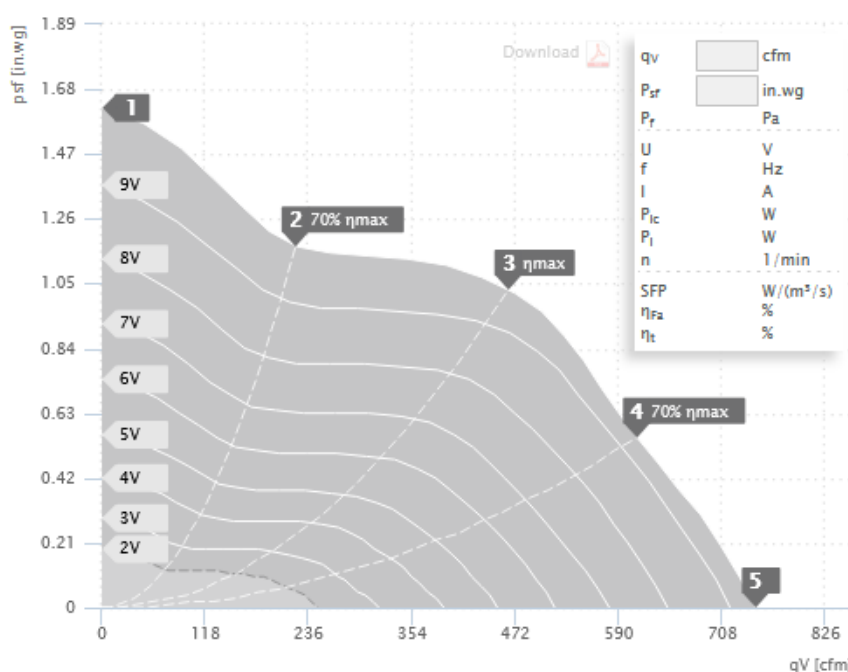


8" S-Prime Evo EC | 147671



Price available upon request

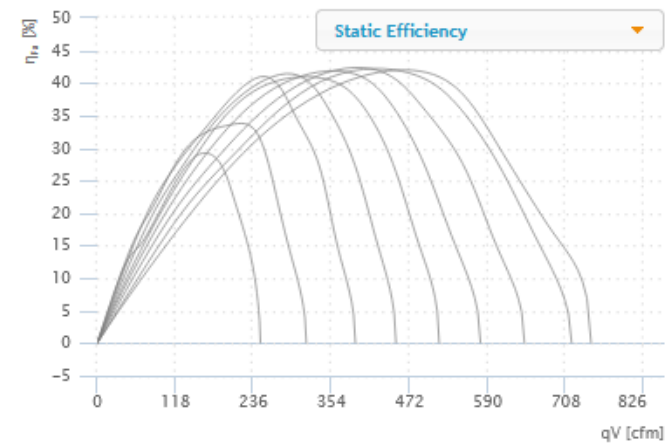
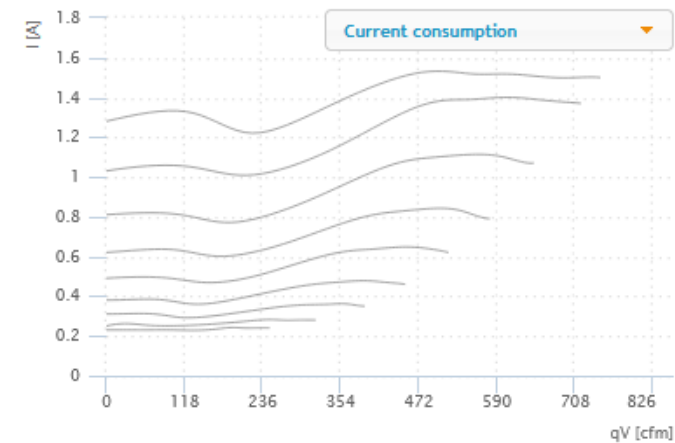
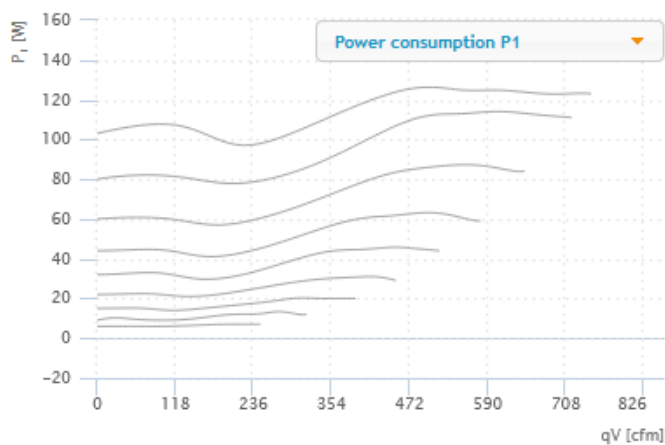
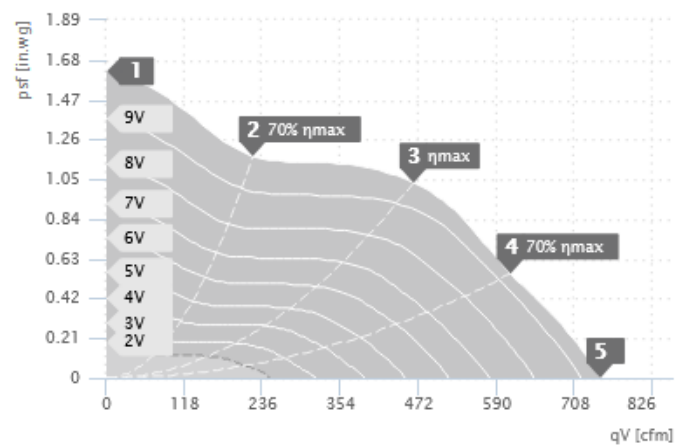
- Sound insulated casing for silent operation
- Incorporated Prime Evo EC mixed flow fan
- Highest efficiency rates
- Powerful EC motor
- Galvanized sheet steel casing



8" S-Prime Evo EC 60 Hz	
Voltage U_N	120 V 1~
Current I_{max}	1.6 A
Ambient temperature t_a	40 °C
Conveyed medium temperature t_M	40 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	9,2 kg
Number of poles	-
IP motor	IP54
IP terminal box	IP44
Min. operating temperature	-30 °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	1.3	1.2	1.5	1.5	1.5
Power consumption P_1	W	103	97	125	125	123
Rotation speed n	1/min	3145	3149	3018	2927	2982
SWL inlet L_{WA5}	dB(A)	69	67	71	70	71
SWL outlet L_{WA6}	dB(A)	69	68	72	72	74
SWL housing break out L_{WA2}	dB(A)	56	55	56	56	57



Type 8" S-Prime Evo EC ID 147671		
Connection data entire unit		
Rated frequency	Hz	60
Rated voltage	V	120
Rated power	W	124
Max. operating current	A	1.6
Phase		1~
Motor Type		EC
Type of motor control		0-10V
Motor protection		TEC
Capacitor μ	μF	-
Capacitor voltage	V	-
Insulation class motor		F
Number of poles		-
IP motor		IP54
IP terminal box		IP44
IP complete unit		IPX4
Min. operating temperature	°C	-30

Rated current	A	1.5
Rated speed	1/min	2930
Max. static efficiency	%	41.8
Max. total efficiency	%	47.1
Max. allowed frequency (3" motors)	Hz	-
Max. allowed RPM (EC-motors)	1/min	3170
Max. power consumption	W	124
Max. current consumption	A	1.6
Max. rotation speed	1/min	3170
Max. air flow	m³/h	1270
Min. pressure	Pa	-
Max. pressure	Pa	400
Max. allowed ambient temperature at rated current	°C	40
Max. allowed medium temperature at rated current	°C	40
Max. allowed ambient temperature	°C	40
Max. allowed medium temperature	°C	40
Blocking current	A	-
Min. allowed voltage	V	-
Weight	kg	9,2

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	69	45	58	65	64	60	58	49
			2	67	48	59	62	62	58	56	46
			3	71	40	57	64	66	63	60	52
			4	70	38	49	65	64	62	59	53
			5	71	46	52	65	65	64	61	55
SWL outlet	L _{WA6}	dB(A)	1	69	45	58	65	66	59	50	48
			2	68	46	60	62	65	58	48	46
			3	72	42	56	67	69	62	52	39
			4	72	41	51	69	69	61	52	40
			5	74	46	53	70	70	64	54	43
SWL housing break out	L _{WA2}	dB(A)	1	56	45	46	49	48	49	47	38
			2	55	44	49	48	48	45	41	34
			3	56	45	43	50	50	49	46	33
			4	56	41	38	52	51	49	45	29
			5	57	44	40	52	51	51	47	29