

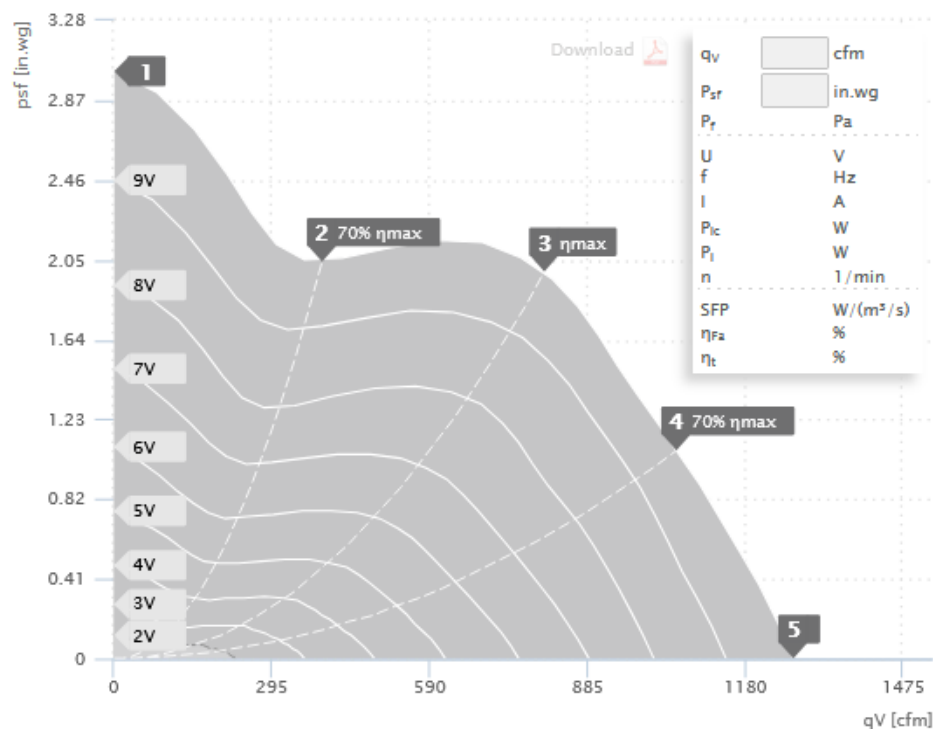
10" S-Prime Evo EC | 147707



Price available upon request

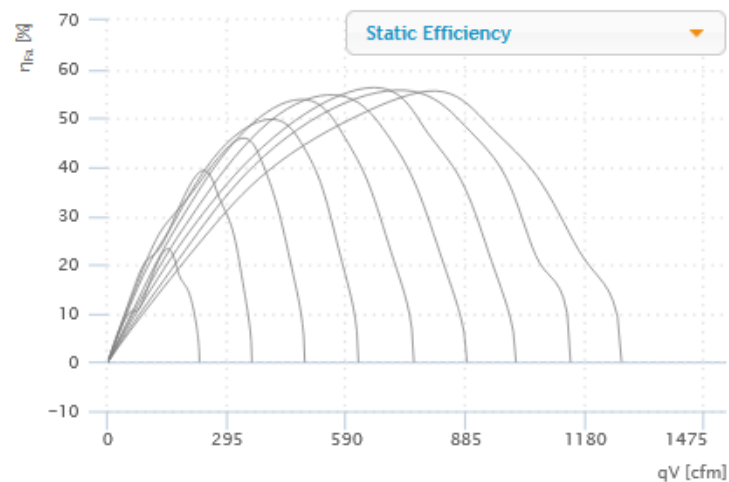
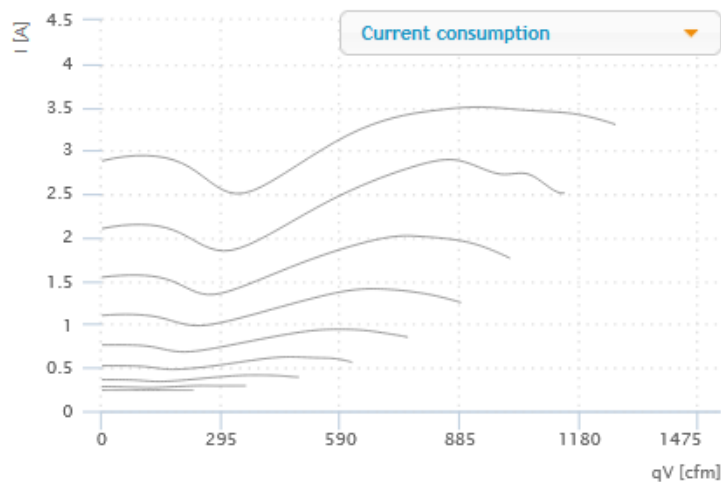
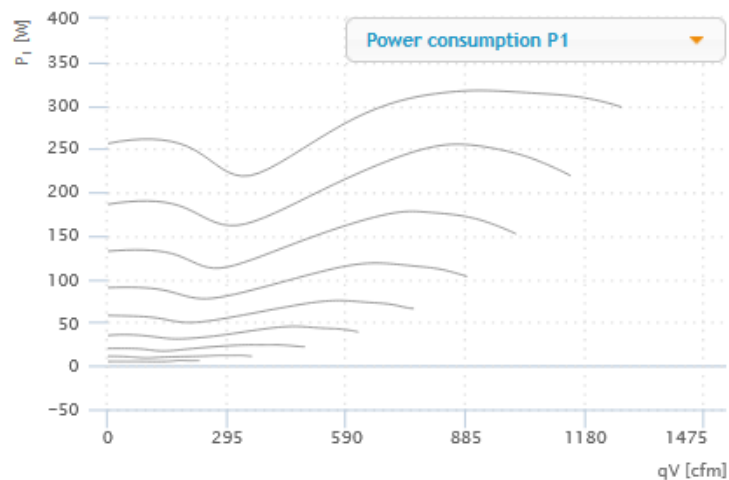
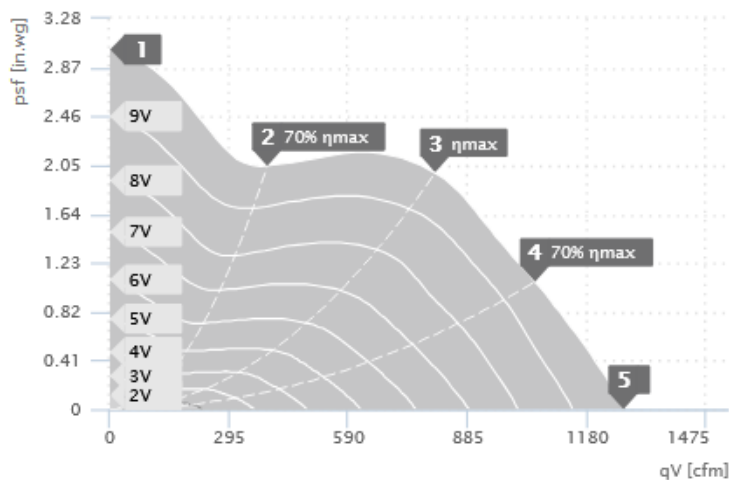
- Sound insulated casing for silent operation
- Incorporated Prime Evo EC mixed flow fan
- Highest efficiency rates
- Powerful EC motor
- Galvanized sheet steel casing

10" S-Prime Evo EC 60 Hz	
Voltage U_N	120 V 1~
Current I_{max}	3.5 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	10,5 kg
Number of poles	-
IP motor	IP30
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	2.9	2.6	3.4	3.5	3.3
Power consumption P ₁	W	255	225	313	314	298
Rotation speed n	1/min	3840	3895	3766	3763	3865
SWL inlet L _{WA5}	dB(A)	78	77	76	75	77
SWL outlet L _{WA6}	dB(A)	75	75	75	75	77
SWL housing break out L _{WA2}	dB(A)	64	64	63	64	64



Type 10" S-Prime Evo EC ID 147707		
Connection data entire unit		
Rated frequency	Hz	60
Rated voltage	V	120
Rated power	W	298
Max. operating current	A	3.5
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		IP30
IP terminal box		IP44
IP complete unit		IPX4
Min. operating temperature	°C	-30

Rated current	A	3.5
Rated speed	1/min	3740
Max. static efficiency	%	56.2
Max. total efficiency	%	59.8
Max. allowed frequency (3" motors)	Hz	-
Max. allowed RPM (EC-motors)	1/min	3900
Max. power consumption	W	298
Max. current consumption	A	3.5
Max. rotation speed	1/min	3900
Max. air flow	m³/h	2160
Min. pressure	Pa	-
Max. pressure	Pa	750
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	10,5

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	78	49	66	75	70	69	68	67	59
			2	77	50	70	73	68	68	66	65	56
			3	76	41	60	67	68	69	67	66	59
			4	75	41	52	64	67	69	68	67	61
			5	77	39	54	65	69	72	70	69	63
SWL outlet	L _{WA6}	dB(A)	1	75	51	65	71	70	68	60	60	51
			2	75	53	70	69	68	67	59	58	48
			3	75	46	53	64	72	69	60	59	50
			4	75	42	54	65	73	69	61	60	51
			5	77	46	56	67	74	71	64	62	53
SWL housing break out	L _{WA2}	dB(A)	1	64	52	52	58	56	60	54	47	37
			2	64	52	58	58	55	59	52	45	33
			3	63	51	48	57	55	59	51	45	33
			4	64	52	45	54	55	61	51	46	33
			5	64	57	43	53	56	61	52	48	34