

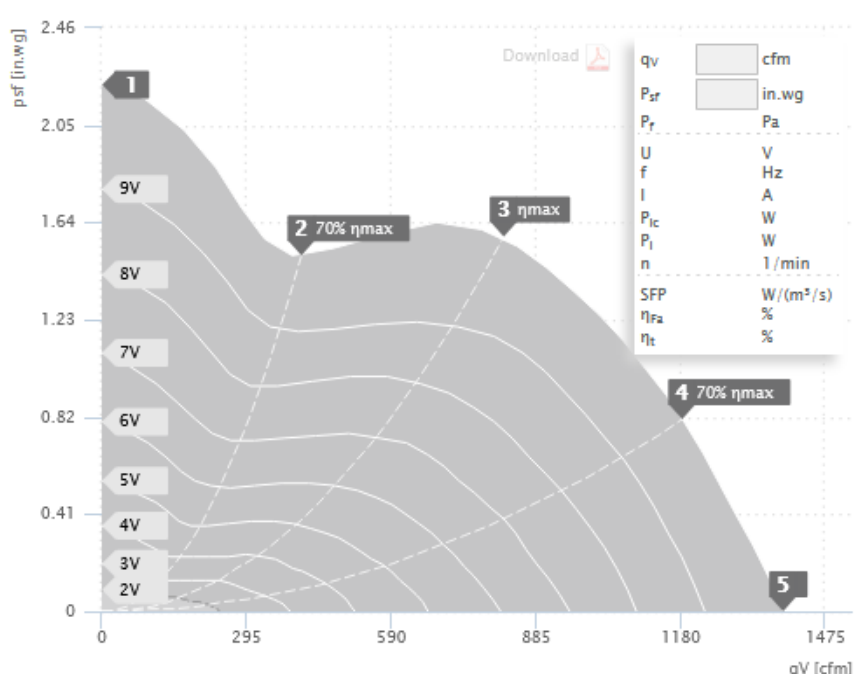
12" S-Prime Evo EC | 147725



Price available upon request

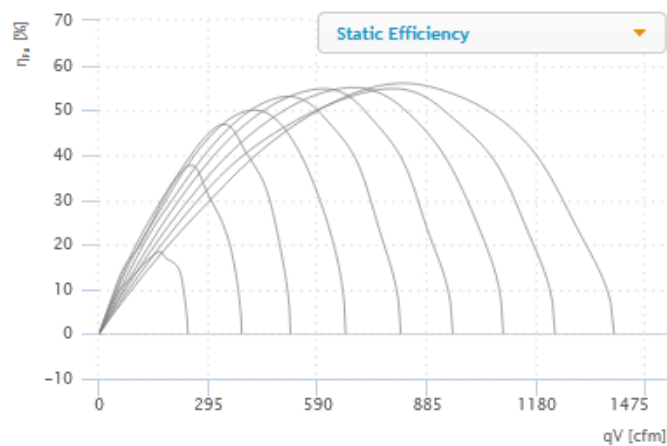
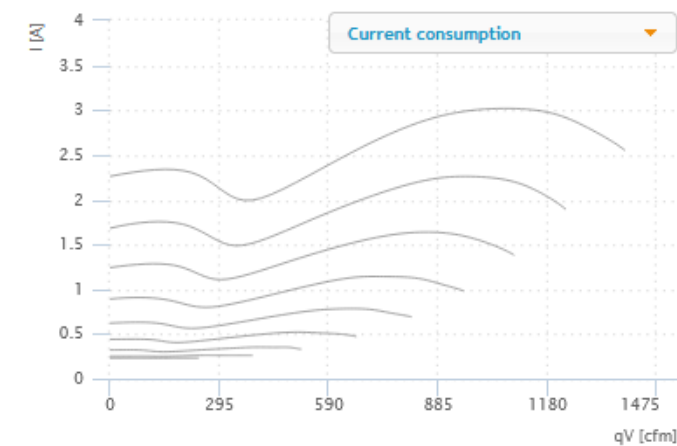
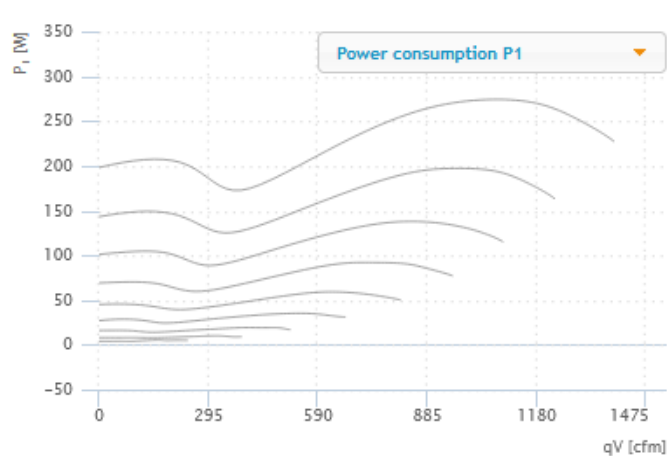
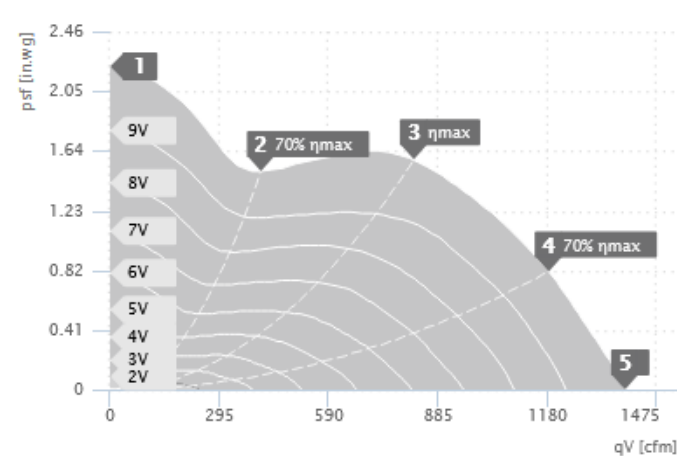
- Sound insulated casing for silent operation
- Incorporated Prime Evo EC mixed flow fan
- Highest efficiency rates
- Powerful EC motor
- Galvanized sheet steel casing

12" S-Prime Evo EC 60 Hz	
Voltage U_N	120 V 1~
Current I_{max}	3.1 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	11,7 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	2.3	2	2.8	3	2.6
Power consumption P_1	W	198	175	255	269	227
Rotation speed n	1/min	2937	2953	2958	2946	2952
SWL inlet L_{WA5}	dB(A)	77	74	74	74	75
SWL outlet L_{WA6}	dB(A)	76	75	76	75	76
SWL housing break out L_{WA2}	dB(A)	66	66	66	66	65



Type 12" S-Prime Evo EC ID 147725				Rated current				A	3
				Rated speed				1/min	2950
Connection data entire unit				Max. static efficiency				%	56
Rated frequency	Hz	60		Max. total efficiency				%	58.4
Rated voltage	V	120		Max. allowed frequency (3" motors)				Hz	-
Rated power	W	262		Max. allowed RPM (EC-motors)				1/min	2960
Max. operating current	A	3.1		Max. power consumption				W	262
Phase		1~		Max. current consumption				A	3.1
Motor Type		EC		Max. rotation speed				1/min	2960
Type of motor control		0-10V		Max. air flow				m³/h	2360
Motor protection		TEC		Min. pressure				Pa	-
Capacitor µ	µF	-		Max. pressure				Pa	550
Capacitor voltage	V	-		Max. allowed ambient temperature at rated current				°C	40
Insulation class motor		F		Max. allowed medium temperature at rated current				°C	40
Number of poles		-		Max. allowed ambient temperature				°C	40
IP motor		IP30		Max. allowed medium temperature				°C	40
IP terminal box		IP44		Blocking current				A	-
IP complete unit		IPX4		Min. allowed voltage				V	-
Min. operating temperature	°C	-30		Weight				kg	11,7

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	77	46	63	73	69	71	66	64	56
			2	74	52	63	68	66	69	63	61	52
			3	74	40	55	68	66	69	64	63	55
			4	74	35	50	64	65	70	67	66	59
			5	75	36	51	64	67	70	69	67	61
SWL outlet	L _{WA6}	dB(A)	1	76	49	64	71	71	72	59	58	48
			2	75	53	65	68	70	70	57	56	45
			3	76	41	56	70	71	71	59	59	48
			4	75	37	51	68	70	71	61	61	52
			5	76	39	53	67	72	73	63	62	54
SWL housing break out	L _{WA2}	dB(A)	1	66	48	51	53	50	66	49	44	34
			2	66	50	53	50	49	66	47	40	28
			3	66	37	41	48	48	66	46	41	28
			4	66	37	36	47	47	66	48	43	28
			5	65	33	40	46	48	65	49	44	28