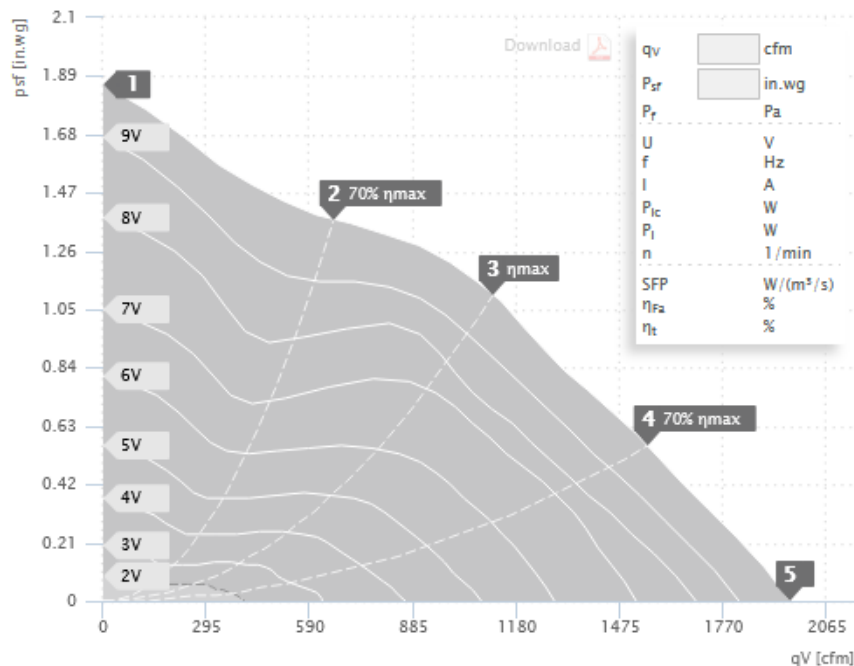


14" S-Prime Evo EC | 147752



Price available upon request

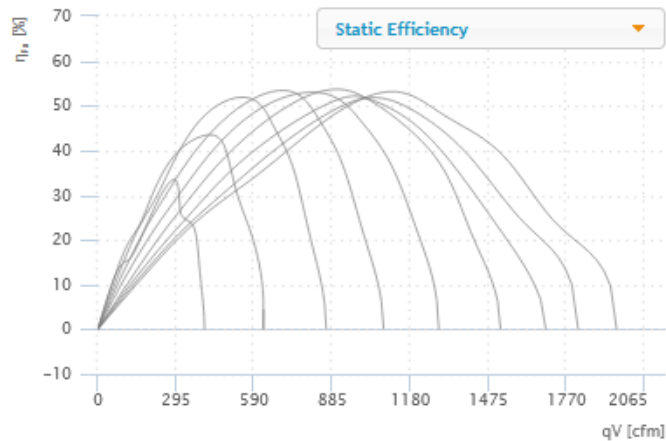
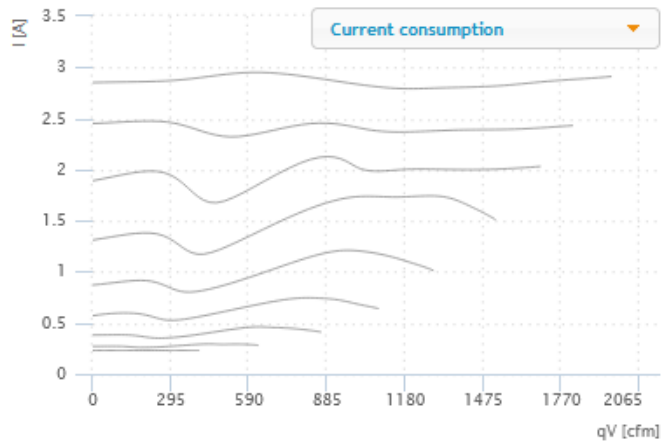
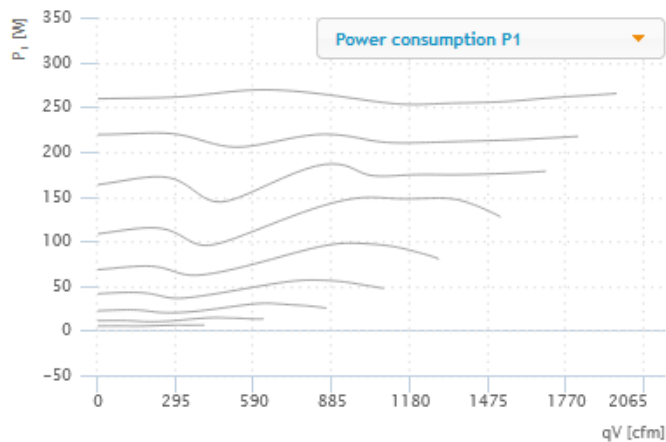
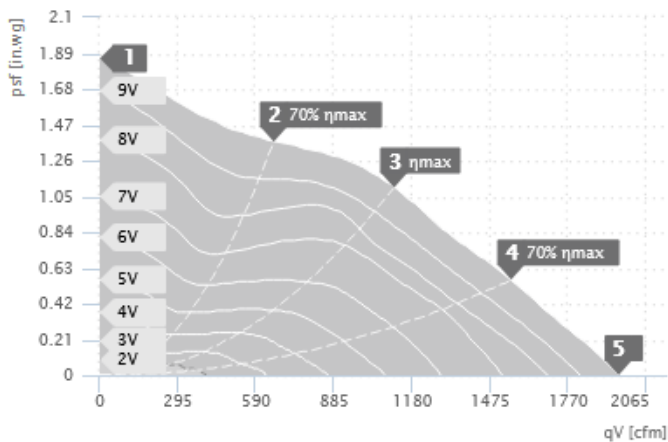
- Sound insulated casing for silent operation
- Incorporated Prime Evo EC mixed flow fan
- Highest efficiency rates
- Powerful EC motor
- Galvanized sheet steel casing



14" 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	17,1 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	2.8	2.9	2.8	2.8	2.9
Power consumption P_1	W	258	269	254	256	265
Rotation speed n	1/min	2095	2225	1869	1902	2023
SWL inlet L_{WA5}	dB(A)	76	73	71	70	73
SWL outlet L_{WA6}	dB(A)	75	73	70	70	73
SWL housing break out L_{WA2}	dB(A)	61	62	58	55	58



Type 14" S-Prime Evo EC
ID 147752

Connection data entire unit		
Rated frequency	Hz	60
Rated voltage	V	120
Rated power	W	258
Max. operating current	A	3.1
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
Rated speed	1/min	2235
Max. static efficiency	%	52.3
Max. total efficiency	%	55.4
Max. allowed frequency (3" motors)	Hz	-
Max. allowed RPM (EC-motors)	1/min	3330
Max. power consumption	W	258
Max. current consumption	A	3.1
Max. rotation speed	1/min	2235
Max. air flow	m³/h	3330
Min. pressure	Pa	-
Max. pressure	Pa	460
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	17,1

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	76	49	66	72	69	67	68	65	56
			2	73	54	61	69	66	64	64	61	50
			3	71	35	52	66	65	61	63	62	53
			4	70	34	50	63	64	62	63	63	51
			5	73	35	52	65	67	65	67	66	56
SWL outlet	L _{WA6}	dB(A)	1	75	50	68	69	70	68	64	59	49
			2	73	53	63	66	69	66	61	56	46
			3	70	36	56	64	67	62	60	57	46
			4	70	35	55	63	67	63	60	57	46
			5	73	38	57	65	69	66	63	60	50
SWL housing break out	L _{WA2}	dB(A)	1	61	49	53	51	57	56	47	42	32
			2	62	56	52	48	58	54	45	39	30
			3	58	43	43	46	54	51	42	39	28
			4	55	33	36	42	52	50	41	38	16
			5	58	39	39	45	56	52	44	41	20