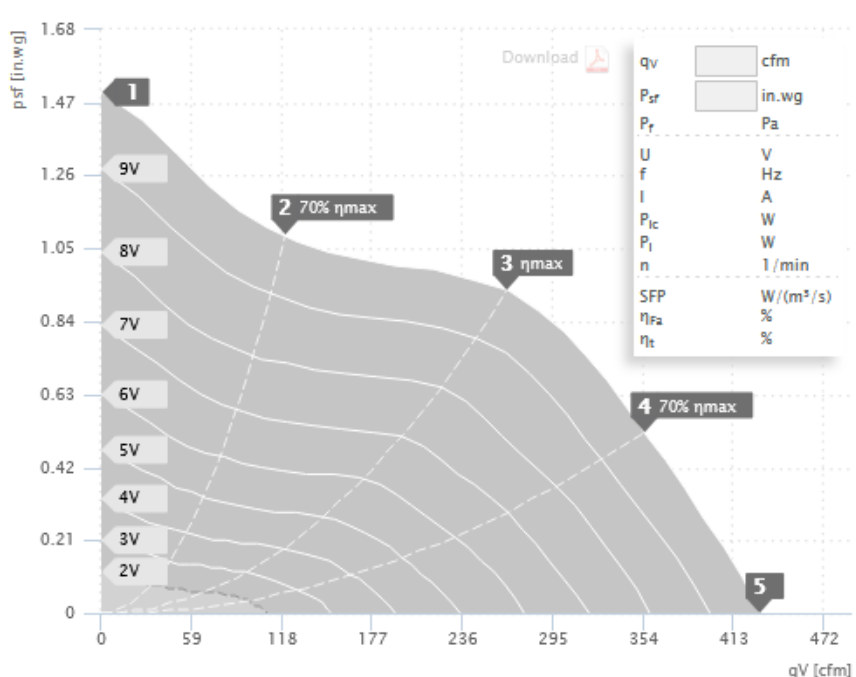


6" S-Prime Evo EC | 147635



Price available upon request

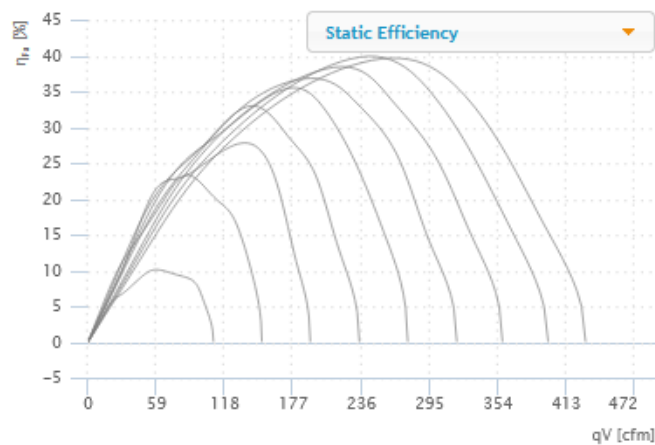
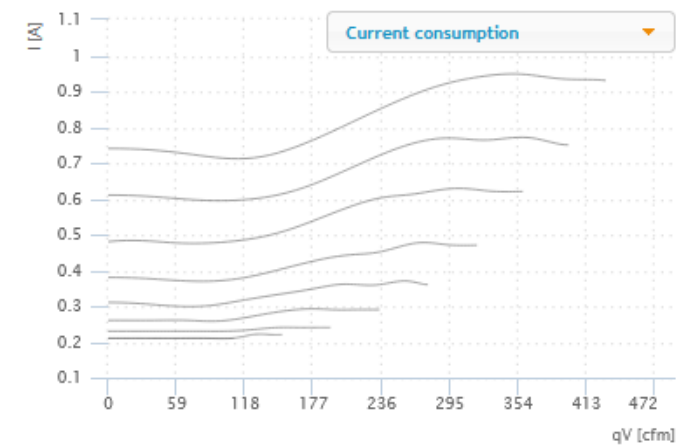
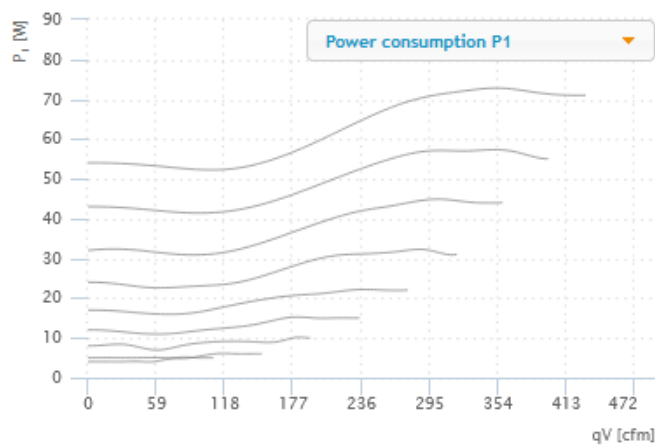
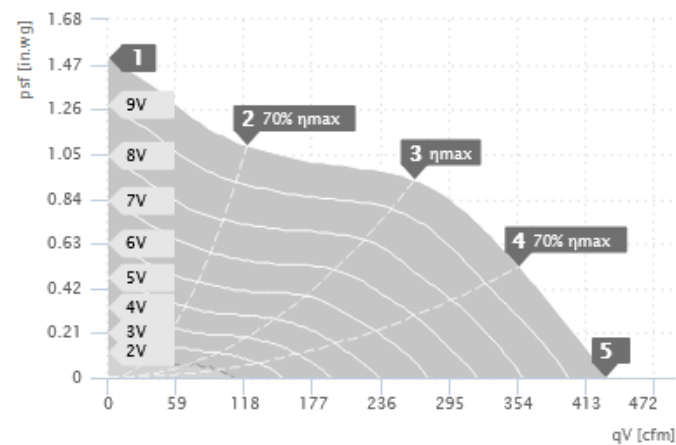
- Sound insulated casing for silent operation
- Incorporated Prime Evo EC mixed flow fan
- Highest efficiency rates
- Powerful EC motor
- Galvanized sheet steel casing



6" S-Prime Evo EC 60 Hz	
Voltage U _N	120 V 1~
Current I _{max}	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	7,7 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	0.7	0.7	0.9	0.9	0.9
Power consumption P _i	W	54	52	68	73	71
Rotation speed n	1/min	3779	3788	3769	3737	3714
SWL inlet L _{WA5}	dB(A)	62	63	65	65	67
SWL outlet L _{WA6}	dB(A)	62	62	65	67	69
SWL housing break out L _{WA2}	dB(A)	54	53	55	57	58



Type 6" S-Prime Evo EC ID 147635			Rated current			A	1
			Rated speed			1/min	3735
Connection data entire unit			Max. static efficiency			%	39.8
Rated frequency	Hz	60	Max. total efficiency			%	45.7
Rated voltage	V	120	Max. allowed frequency (3" motors)			Hz	-
Rated power	W	72	Max. allowed RPM (EC-motors)			1/min	3790
Max. operating current	A	1	Max. power consumption			W	72
Phase		1~	Max. current consumption			A	1
Motor Type		EC	Max. rotation speed			1/min	3790
Type of motor control		0-10V	Max. air flow			m³/h	730
Motor protection		TEC	Min. pressure			Pa	-
Capacitor µ	µF	-	Max. pressure			Pa	370
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		IP54	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	7,7

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	62	42	54	58	55	52	50	44
			2	63	40	56	58	55	51	49	42
			3	65	37	54	59	61	56	53	47
			4	65	40	48	58	62	56	54	50
			5	67	45	53	59	63	58	55	53
SWL outlet	L _{WA6}	dB(A)	1	62	43	54	58	56	52	46	31
			2	62	41	56	58	57	53	45	29
			3	65	42	51	59	62	57	49	33
			4	67	45	53	60	65	59	50	36
			5	69	48	55	61	67	60	51	37
SWL housing break out	L _{WA2}	dB(A)	1	54	46	43	45	46	48	46	31
			2	53	45	44	45	45	47	44	28
			3	55	44	38	48	51	50	47	32
			4	57	48	38	46	54	50	47	34
			5	58	46	41	48	54	51	48	34