

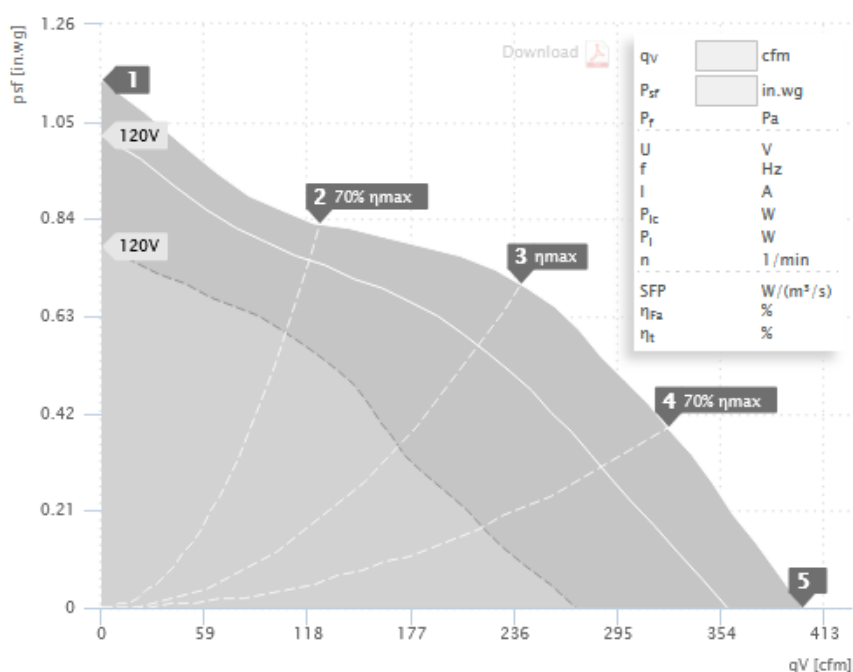
6" S-Prime Evo | 147626



Price available upon request

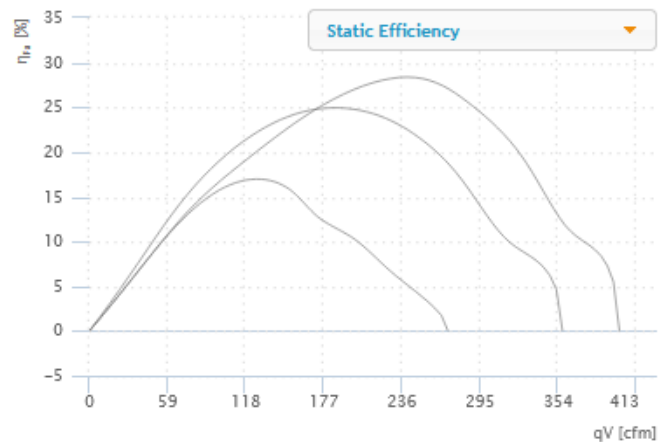
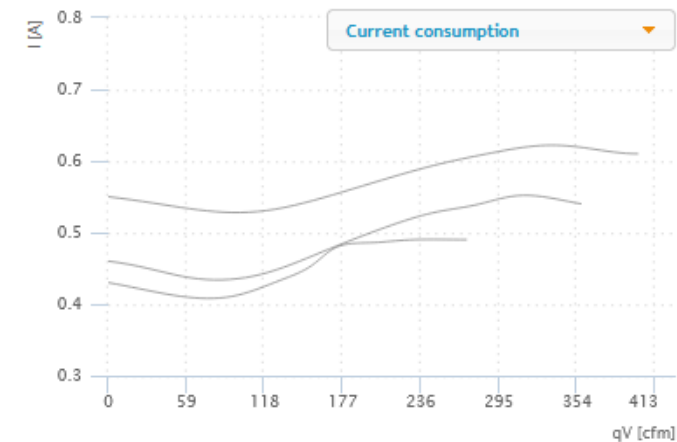
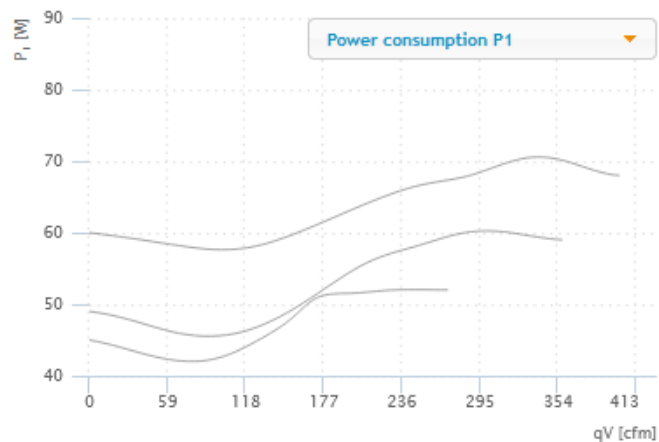
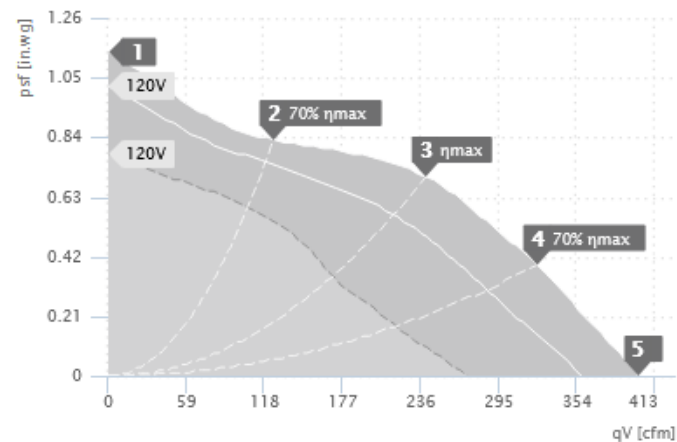
- Sound insulated casing for silent operation
- Incorporated Prime Evo mixed flow fan
- Very high efficiency rates
- Integrated 3-speed switch
- One-phase AC motor
- Galvanized sheet steel casing

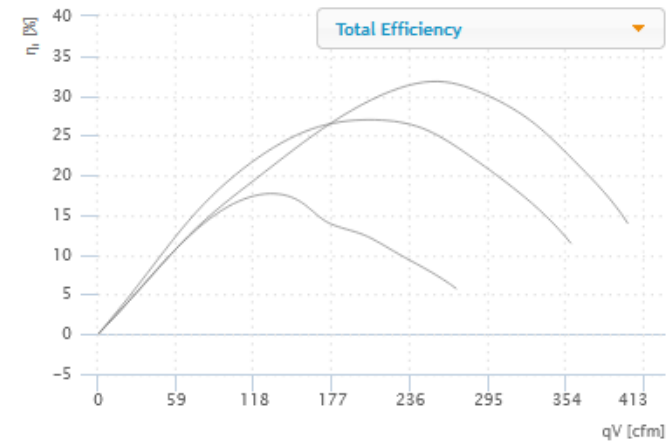
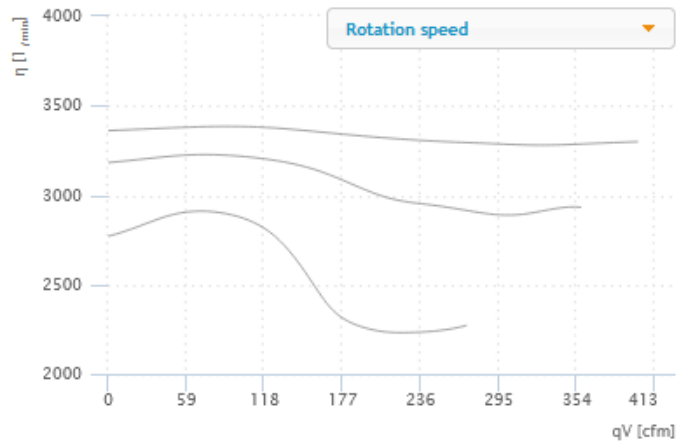
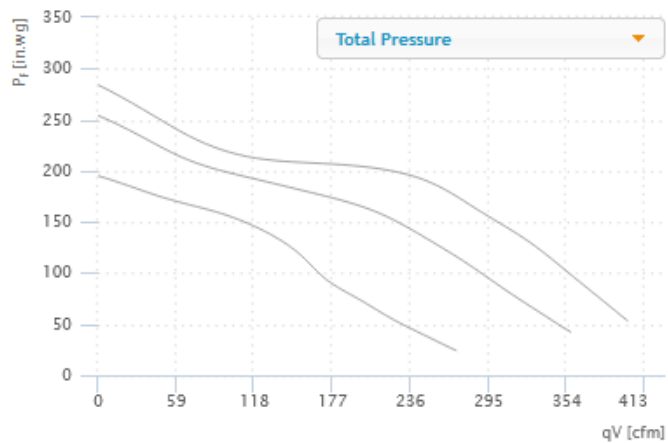
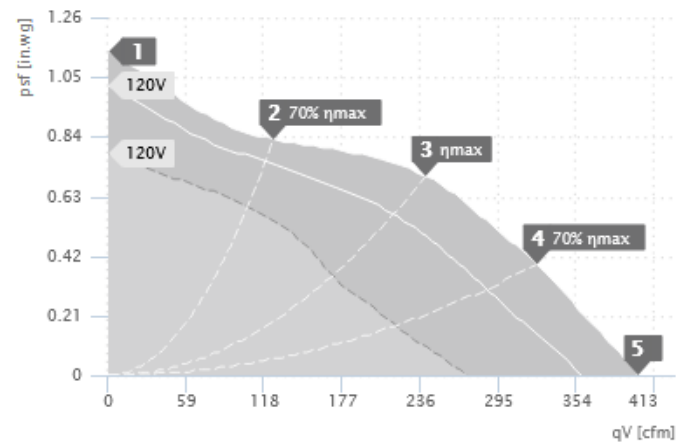
6" S-Prime Evo 60 Hz	
Voltage U_N	120 V 1~
Current I_{max}	0.7 A
Ambient temperature t_A	40 °C
Conveyed medium temperature t_M	40 °C
Speed Control	3-2-1
Motor protection	TAI
Insulation class motor	F
Weight	7,0 kg
Number of poles	2
IP motor	IP00
IP terminal box	IP44
Min. operating temperature	-25 °C



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	0.5	0.5	0.6	0.6	0.6
Power consumption P_1	W	60	58	66	70	68
Rotation speed n	1/min	3360	3375	3304	3277	3298
SWL inlet L_{WA5}	dB(A)	60	60	64	64	65
SWL outlet L_{WA6}	dB(A)	60	61	64	66	66
SWL housing break out L_{WA2}	dB(A)	52	51	53	55	55





Type 6" S-Prime Evo ID 147626			Rated current			A	0.6
			Rated speed			1/min	3280
Connection data entire unit			Max. static efficiency			%	28.4
Rated frequency	Hz	60	Max. total efficiency			%	31.5
Rated voltage	V	120	Max. allowed frequency (3" motors)			Hz	-
Rated power	W	70	Max. allowed RPM (EC-motors)			1/min	-
Max. operating current	A	0.7	Max. power consumption			W	70
Phase		1~	Max. current consumption			A	0.7
Motor Type		1~	Max. rotation speed			1/min	3380
Type of motor control		3-2-1	Max. air flow			m³/h	680
Motor protection		TAI	Min. pressure			Pa	-
Capacitor µ	µF	6	Max. pressure			Pa	280
Capacitor voltage	V	250	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		2	Max. allowed ambient temperature			°C	40
IP motor		IP00	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	-25	Weight			kg	7,0

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	60	42	52	56	54	49	48	46	41
			2	60	39	54	56	54	47	47	45	39
			3	64	31	54	59	60	51	52	50	44
			4	64	43	44	59	60	52	53	52	47
			5	65	41	46	60	61	53	54	53	50
SWL outlet	L _{WA6}	dB(A)	1	60	42	52	57	55	48	47	40	30
			2	61	36	54	57	56	49	46	39	28
			3	64	33	49	60	61	54	51	44	33
			4	66	45	47	60	63	54	51	44	34
			5	66	42	49	60	63	55	53	46	36
SWL housing break out	L _{WA2}	dB(A)	1	52	36	42	43	46	47	39	32	30
			2	51	31	39	42	46	47	37	30	29
			3	53	35	38	45	50	47	40	31	28
			4	55	43	34	46	52	47	40	32	28
			5	55	41	37	46	53	47	41	33	29