

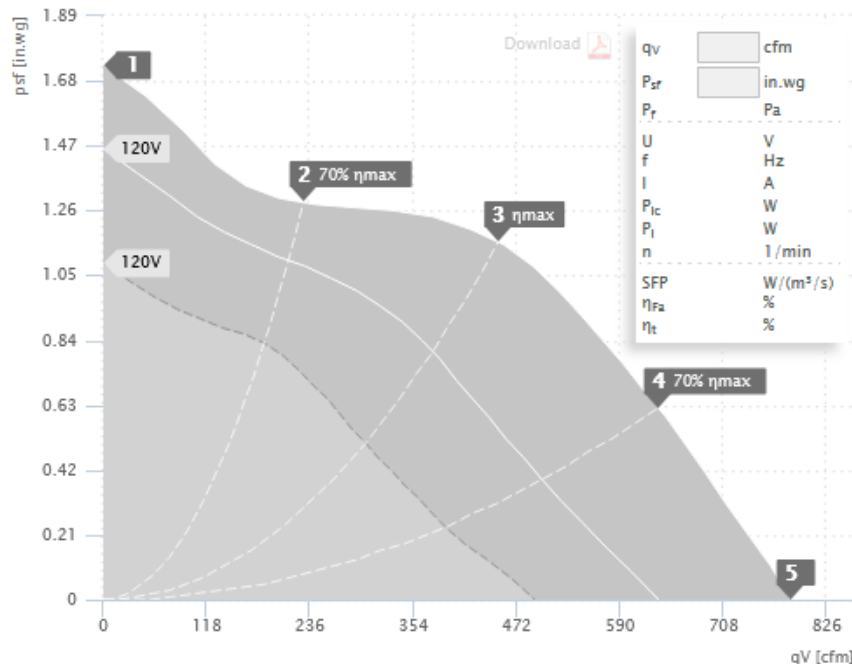
8" S-Prime Evo | 147662



Price available upon request

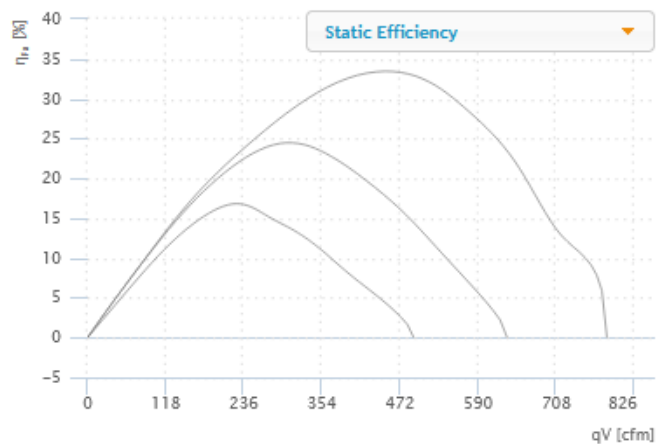
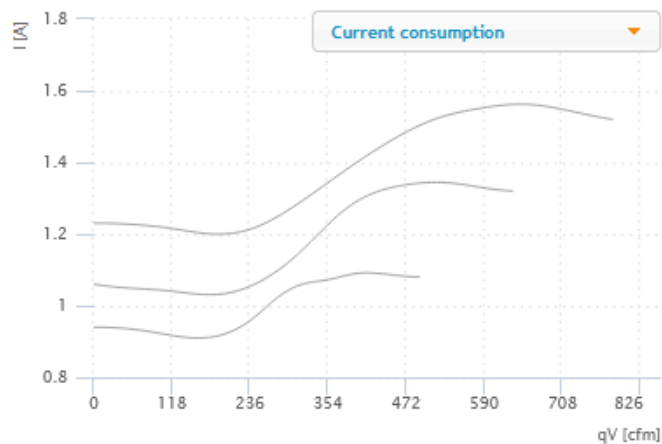
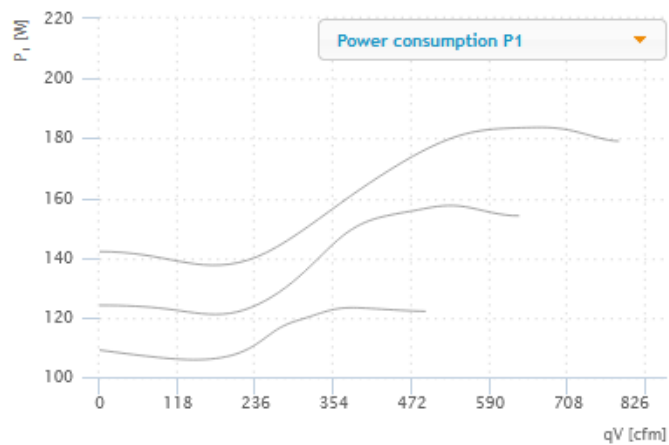
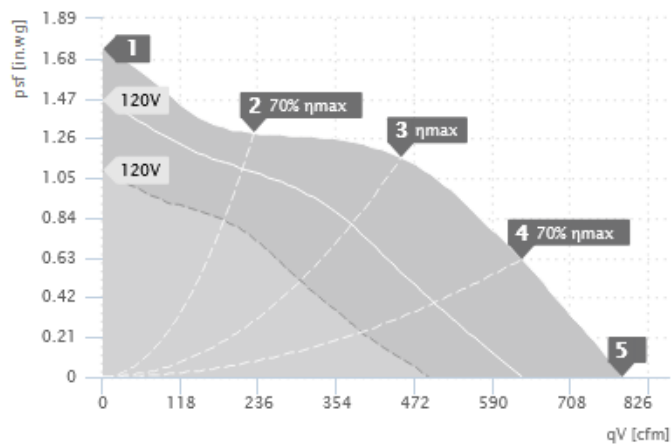
- Sound insulated casing for silent operation
- Incorporated Prime Evo mixed flow fan
- Very high efficiency rates
- Integrated 3-speed switch
- One-phase AC motor
- Galvanized sheet steel casing

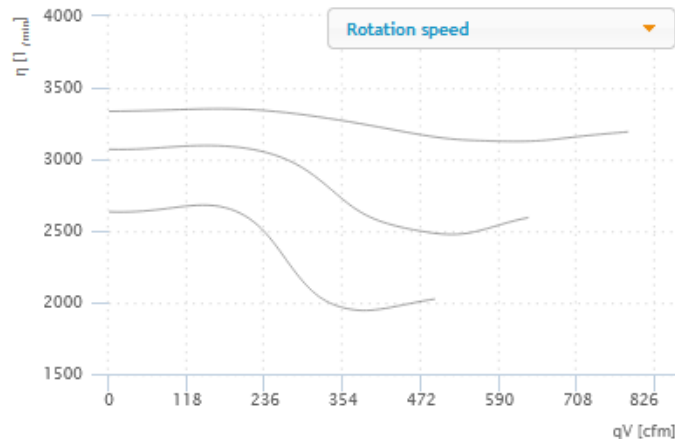
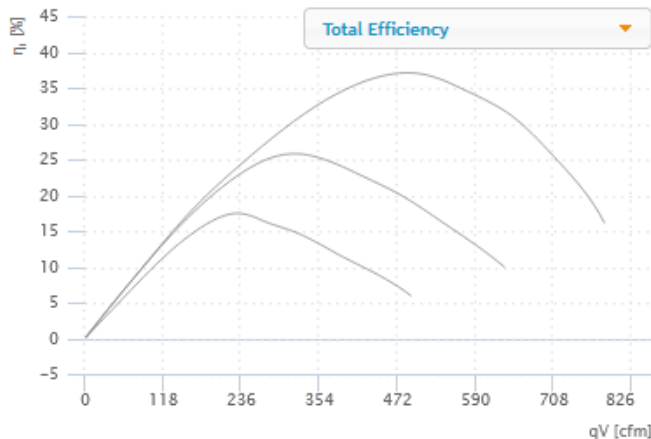
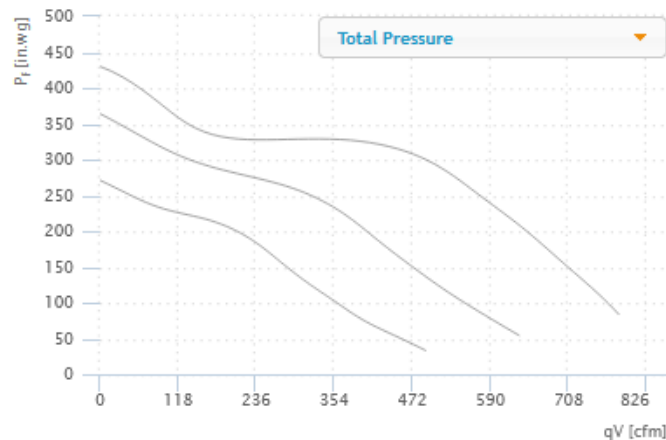
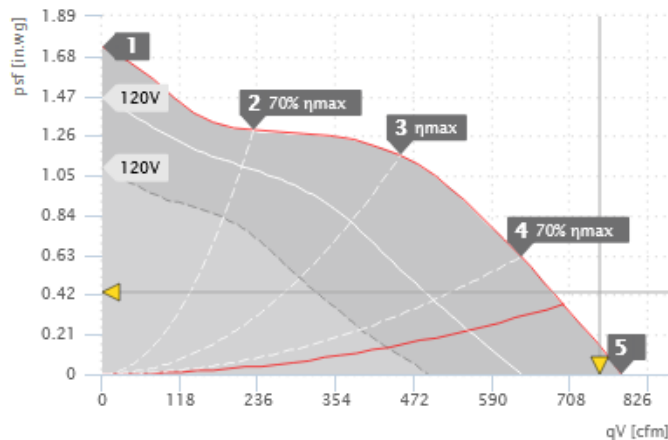
8" S-Prime Evo 60 Hz	
Voltage U_N	120 V 1~
Current I_{max}	1.6 A
Ambient temperature t_a	40 °C
Conveyed medium temperature t_m	40 °C
Speed Control	3-2-1
Motor protection	TAI
Insulation class motor	F
Weight	9,6 kg
Number of poles	2
IP motor	IP00
IP terminal box	IP44
Min. operating temperature	-25 °C



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	1.2	1.2	1.5	1.6	1.5
Power consumption P_1	W	142	139	171	183	179
Rotation speed n	1/min	3335	3342	3188	3126	3192
SWL inlet L_{WA5}	dB(A)	69	69	72	73	73
SWL outlet L_{WA6}	dB(A)	70	70	74	74	75
SWL housing break out L_{WA2}	dB(A)	61	62	63	64	64





Type 8" S-Prime Evo ID 147662			Rated current			A	1.6
			Rated speed			1/min	3125
Connection data entire unit			Max. static efficiency			%	33.6
Rated frequency	Hz	60	Max. total efficiency			%	36.9
Rated voltage	V	120	Max. allowed frequency (3" motors)			Hz	-
Rated power	W	184	Max. allowed RPM (EC-motors)			1/min	-
Max. operating current	A	1.6	Max. power consumption			W	184
Phase		1~	Max. current consumption			A	1.6
Motor Type		1~	Max. rotation speed			1/min	3350
Type of motor control		3-2-1	Max. air flow			m³/h	1330
Motor protection		TAI	Min. pressure			Pa	-
Capacitor µ	µF	15	Max. pressure			Pa	430
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	9,6

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	69	47	58	65	64	59	59	57	50
			2	69	46	58	63	64	59	58	56	48
			3	72	45	58	66	68	62	62	60	52
			4	73	47	50	68	69	61	62	61	55
			5	73	47	53	68	69	64	64	62	57
SWL outlet	L _{WA6}	dB(A)	1	70	47	59	65	66	60	53	48	43
			2	70	46	60	65	66	61	52	47	41
			3	74	45	56	67	71	63	55	50	43
			4	74	43	53	69	72	64	56	51	46
			5	75	46	55	70	72	65	58	53	48
SWL housing break out	L _{WA2}	dB(A)	1	61	49	48	59	54	53	46	40	34
			2	62	46	51	59	54	53	45	40	32
			3	63	51	51	57	56	57	45	41	32
			4	64	50	43	57	56	61	45	41	29
			5	64	49	44	55	57	62	47	42	30