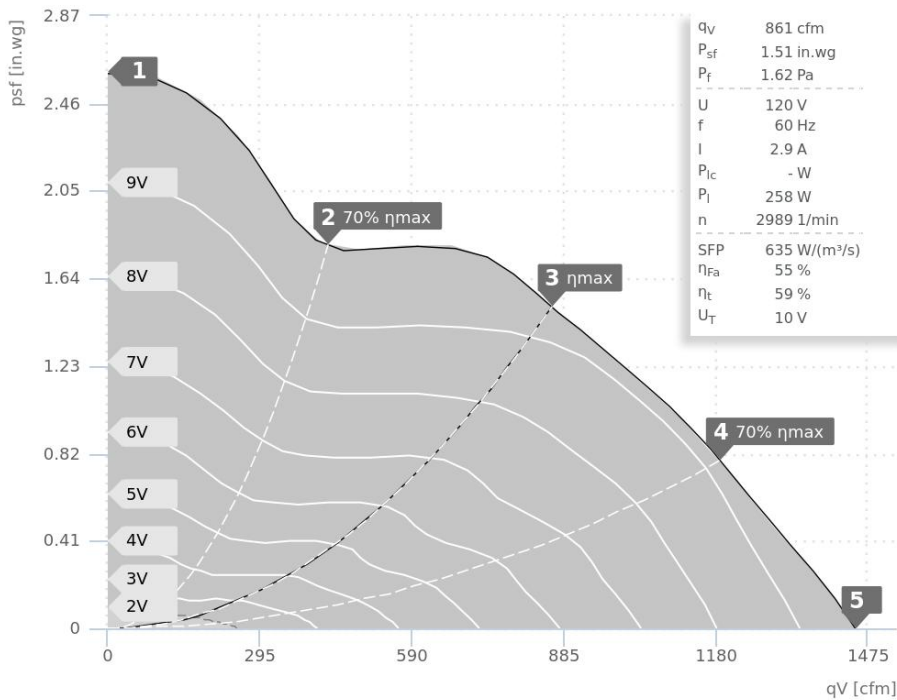


# DATA SHEET

## 12" Prime Evo EC | 147716



- Mixed flow fan with high efficiency rates
- Best aerodynamic design
- 3D shaped impeller blades
- Corrosion resistant plastic housing
- Powerful EC motor
- Including mounting bracket

Operating Point		1	2	3	4	5
Current $I$	A	2,7	2,5	2,9	2,9	2,9
Power consumption $P_1$	W	239	217	258	261	259
Rotation speed $n$	1/min	3167	3195	2989	2945	3098
SWL inlet $L_{WA5}$	dB(A)	80	79	79	80	81
SWL outlet $L_{WA6}$	dB(A)	84	82	81	82	83
SWL housing break out $L_{WA2}$	dB(A)	75	76	75	75	77

Sound power ( $L_W$ ) dB(A)		Medium Frequency Band								
		$\Sigma$	63	125	250	500	1k	2k	4k	8k
Inlet	$L_{WA5}$	79	53	63	67	73	75	72	67	57
Outlet	$L_{WA6}$	81	57	68	68	74	78	73	67	57
Housing radiation	$L_{WA2}$	75	47	46	44	50	75	59	46	38

12" Prime Evo EC   147716	
Voltage $U_N$	120 V 1~
Current $I_{max}$	3,1 A
Ambient temperature $t_A$	55 °C
Conveyed medium temperature $t_M$	55 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	7,1 kg
Number of poles	-
IP motor	IP30
IP terminal box	IP44
IP complete unit	IPX4
Min. operating temperature	-25 °C

## Ruck Air Movement – Master Series by



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