



- Mini EC Fan adopts the green technology, CCS
- Completely integrated the converter and fan electronics
- PFC >0.9
- Class B
- Soft-Start Function AC 7 Period /DC 60+-12ms
- CE/EMC (EN61000-6-3+EN61000-6-1), CE/LVD (EN60335-1+EN60335-2-80)
- UL,TUV,CE safety approval.
- Made in Taiwan

General Specification

- | | |
|-------------------------|---|
| • Material | Housing: Plastic (UL94V-0)
Impeller: Plastic (UL94V-0) |
| • Mass | 0.33kg |
| • Bearing | Ball bearing |
| • Life Expectancy (L10) | 50000 hours at 40°C |
| • Operating temperature | -10°C ~ 70°C |
| • Storage temperature | -30°C ~ 70°C |
| • Lead wire | UL1007 |

L:Red N:Black

PWM signal controls the speed of the fan

- | | |
|-------------|--|
| • Lead wire | P:Blue RD/FG:Yellow SGND:White |
|-------------|--|

Kindly contact us by the following different territories:

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North America: us@cyclonedynamics.com

Japan & Australia: ja@cyclonedynamics.com

General message:

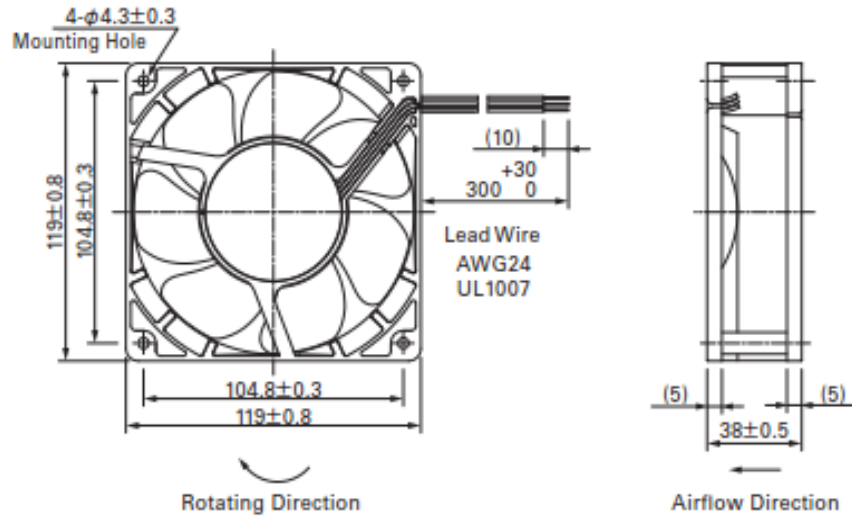
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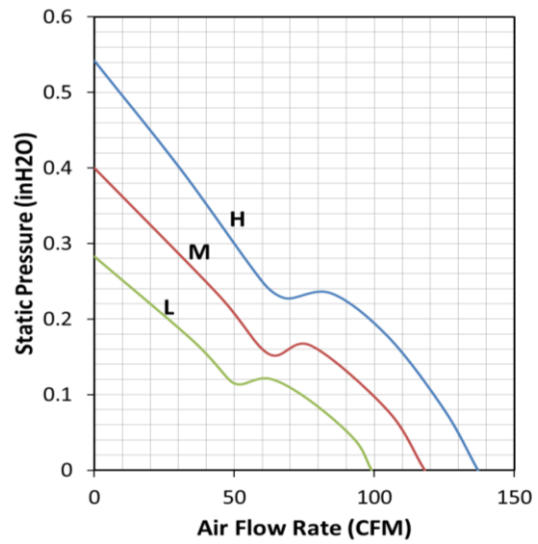
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Product Drawing



Characteristic Curves



Specifications

Full-Speed Standard Fan

Model	Air Flow Rate	Max. Static Pressure	Sound Pressure Level	Operating Voltage Range	Operating Voltage Range	Input Power	Rated Speed /AC	Power Factor	Average Current	Max. Peak Current
	CFM	Inch-H2O	dB-A	VAC	VDC	Watt	R.P.M.		Amp	Amp
UAB12C38IW-ES	TBD	TBD	TBD	90-230* 50/60HZ	100-250*	20.00	4100	>0.9	Determined by voltage	
UAB12C38IW-HS	137	0.54	49	90-230* 50/60HZ	100-250*	14.12	3600	>0.9		
UAB12C38IW-MS	118	0.4	46	90-230* 50/60HZ	100-250*	9.60	3100	>0.9		
UAB12C38IW-LS	99	0.28	39	90-230* 50/60HZ	100-250*	6.21	2600	>0.9		

PWM signal controls the speed of the fan

Model	Air Flow Rate	Max. Static Pressure	Sound Pressure Level	Operating Voltage Range	Operating Voltage Range	Input Power	Full-Speed /AC	Full speed Power Factor	Minimum speed	Max. Peak Current	Output Signal
	CFM	Inch-H2O	dB-A	VAC	VDC	Watt	R.P.M.		R.P.M.	Amp	
UAB12C38IW-EP	TBD	TBD	TBD	90-230* 50/60HZ	100-250*	20.00	4100	>0.9	1200		RD/FG
UAB12C38IW-HP	137	0.54	49	90-230* 50/60HZ	100-250*	14.12	3600	>0.9	1200		RD/FG
UAB12C38IW-MP	118	0.4	46	90-230* 50/60HZ	100-250*	9.60	3100	>0.9	1200		RD/FG
UAB12C38IW-LP	99	0.28	39	90-230* 50/60HZ	100-250*	6.21	2600	>0.9	1200		RD/FG

Temperature-controlled fan

Model	Air Flow Rate	Max. Static Pressure	Sound Pressure Level	Operating Voltage Range	Operating Voltage Range	Input Power	Fan speed above 50°C /AC	Full speed Power Factor	Fan speed below 30°C	Max. Peak Current
	CFM	Inch-H2O	dB-A	VAC	VDC	Watt	R.P.M.		R.P.M.	Amp
UAB12C38IW-ET	TBD	TBD	TBD	90-230* 50/60HZ	100-250*	20.00	4100	>0.9	2700	
UAB12C38IW-HT	137	0.54	49	90-230* 50/60HZ	100-250*	14.12	3600	>0.9	2200	
UAB12C38IW-MT	118	0.4	46	90-230* 50/60HZ	100-250*	9.60	3100	>0.9	1500	
UAB12C38IW-LT	99	0.28	39	90-230* 50/60HZ	100-250*	6.21	2600	>0.9	1200	

*The broad interface of power could meet the wide range of voltage-working.

**The specification is subject to change without notice. Please contact CDynamics for more details.

