



THE DATASHEET OF FMA1-12038WBHW12

120x120x38mm

EC AXIAL FAN

FMA1-12038 Series



Fan-S Division

**Features:**

- Motor: Brushless EC
- Motor Protection: Electronically Protected
- Bearing Type: Two Ball
- Connection: UL 1007 AWG 22, 300mm Wire Leads or Terminal
- Frame Material: Plastic UL94V-0
- Impeller Material: Plastic UL94V-0
- IP54 Rated (Optional: IP55, IP56, IP68)
- Operating Temp:
Two Ball: -20°C~70°C
- Life Expectancy:
Two Ball: 70,000 Hours (40°C)

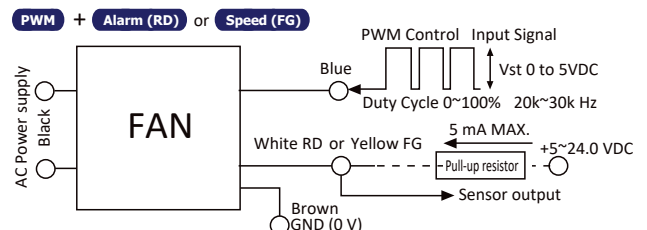
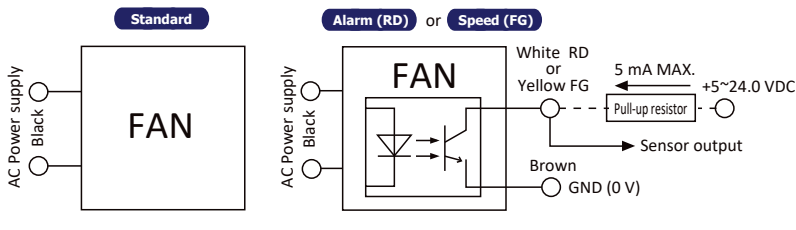
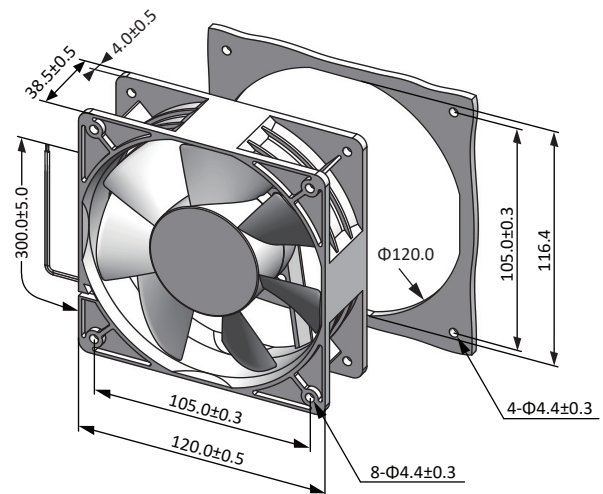
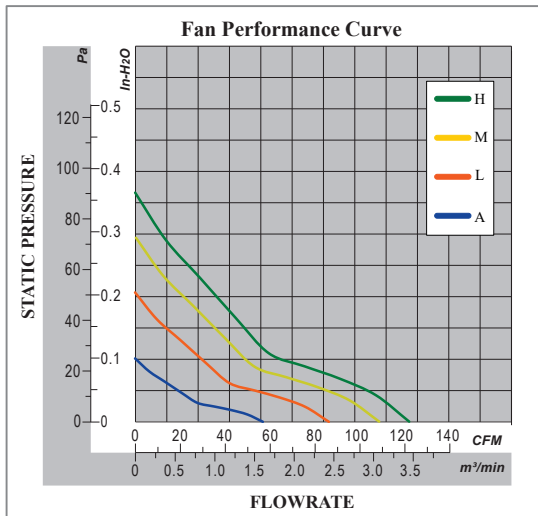
Model No.	Volt.	Current	Power	Rated Speed	Maximum AirFlow		Maximum Static Pressure		Noise Level	Weight
	(VAC)	(A)	(W)	(rpm)	(CMM)	(CFM)	(InAq)	(Pa)	(dB/A)	(g)
FMA1-12038WBH*1**#	100-240	0.18	9.50	3500	3.51	123.92	0.36	90.51	49.3	285
FMA1-12038WBM*1**#	100-240	0.12	6.20	3000	3.11	109.88	0.29	72.08	45.2	285
FMA1-12038WBL*1**#	100-240	0.08	4.20	2500	2.44	86.25	0.20	49.13	38.5	285
FMA1-12038WBA*1**#	100-240	0.06	3.50	1700	1.67	58.84	0.10	24.93	27.6	285

* Indicates "W" (Wire Leads) or "T" (Terminal)

** Indicates "2" (No Special Function), "3" (Alarm), "4" (Speed Sensor), "9" (PWM), "B" (PWM + Speed Sensor) or "J" (PWM + Alarm)

Indicates "-55" (IP55 Rated), "-56" (IP56 Rated), "-68" (IP68 Rated), or Leave Blank (IP54 Rated)

Noise is measured at the distance of one (1) meter from the axis of intake.



Note: Standard Qualtek EC fans have either 2 lead wires, or terminals

Alarm (RD) or Speed Sensor (FG) fans have 4 lead wires. RD - White color, FG - Yellow color, GND - Brown

PWM with Alarm (RD) or Speed Sensor (FG) have 5 lead wires. PWM - Blue color, GND - Brown

Qualtek
Electronics Corporation

ISO-9001 Company

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