



K2

Recommend for Intel® Socket LGA 1150, LGA 1151, LGA 1155, LGA 1156, and LGA 1200, Aluminum 75 x 75 x 15 mm PWM Blower with Copper Heatsink Push-pin Mounting Type, Active Cooler for Mini-ITX Form Factor, Support 125 Watts CPU Power Heat Dissipation.

CPU Support

Intel

CPU Socket

LGA1200/115X

CPU Support	Intel
CPU Socket	LGA115X/1200
Solution	mini-ITX
Dimensions	82.6 x 81.0 x 27.8 mm
Weight	380 g
Material	Copper Heatsink
Fan Dimension	75 x 15 mm
Speed	At Duty Cycle 20%: 1000 RPM At Duty Cycle 50%: 2500 RPM At Duty Cycle 100%: 4000 RPM
Bearing	2 Ball Bearing
Rated Voltage	12V
Power	At Duty Cycle 20%: 0.6 W At Duty Cycle 50%: 1.8 W At Duty Cycle 100%: 4.8 W
Air Flow	At Duty Cycle 20%: 6.0 CFM At Duty Cycle 50%: 8.3 CFM At Duty Cycle 100%: 11.9 CFM
Noise Level	At Duty Cycle 20%: 21.0 dBA At Duty Cycle 50%: 37.8 dBA At Duty Cycle 100%: 44.0 dBA
Air Pressure	At Duty Cycle 20%: 0.087 inch-H2O At Duty Cycle 50%: 0.453 inch-H2O At Duty Cycle 100%: 0.929 inch-H2O



DYNATRON CORPORATION

TOP MOTOR TECHNOLOGY(HUIZHOU)CO,LTD

1. SCOPE

This specification defines the electrical and mechanical characteristics of the □ AC / ■ DC Brush less(□Sleeve Bearing/□1-Ball Bearing/■2-Balls Bearing)axial flow fan, which is carefully designed and manufactured for your special needs by Dynatron Corporation.

2. ELECTRICAL CHARACTERISTICS

Items		Description		
1.	Rated Voltage	DC 12 V		
2.	Operating Voltage	10.8 V ~ 13.2 V		
3.	PWM Frequency 25KHz	Duty Cycle D=0%~20%	Duty Cycle D=50%	Duty Cycle D=100%
4.	Start Voltage	7V		
5.	Air Flow – At rated voltage zero static pressure (minimal value)	0.170 m ³ / z min (6.00CFM)	0.235 m ³ / min (8.3CFM)	0.337m ³ / min (11.9CFM)
6.	Static Pressure – At rated voltage At zero air flow	2.2mm-H ₂ O (0.087inch-H ₂ O)	11.5mm-H ₂ O (0.453inch-H ₂ O)	23.6mm-H ₂ O (0.929inch-H ₂ O)
7.	Input Current (Max.)	0.05A	0.15A	0.40A
8.	Speed (Max.)	1000RPM ±10%	2500RPM ±10%	4000RPM ±10%
9.	Acoustical Noise	21.0dBA	37.8dBA	46.1dBA
10.	Input Power	0.6W	1.8W	4.8W
11.	Insulation Resistance – Between Frame and Terminal	10 M ohm at DC 500 V		
12.	Dielectric Strength – Between Frame and Terminal	5 mA (Max.) @ AC 500 V 60 Hz 1 min.		
13.	Life – Continuous operating under normal temperature (40 °C or 104 °F)	70,000 hours		
14.	Rotation	Clockwise Air Discharged		
15.	Lead Wires	UL 1007, awg 28 or Equivalent “-”: Black; “+”: Yellow; “s”: Green. “PWM”: Blue.		