

CommonWealth Fan

FP-108EXM-220V-S1



This document is created from the official data sheet provided by CommonWealth. For any inquiry, please contact C.B.Electronics - Lebanon Beirut, on +961-1-483031 or by mail: info@cb-electronics.com or visit their official website: www.cb-electronics.com.

The below specifications define the electrical and mechanical characteristics of the Axial Flow Fan.

Mechanical

Dimensions	172x150x38 mm (17.2x15x3.8 cm)
Frame	Die cast aluminum, painted black
Bearing System	Ball Bearing

Electrical

Rated Voltage	AC 230V
Operating Voltage	215-245V AC
Air Flow	200 CFM AT RATED VOLTAGE AT 50 Hz 220 CFM AT RATED VOLTAGE AT 60Hz
Static Pressure	0.60 INCH-H2O AT 50 Hz 0.70 INCH-H2O AT 60 Hz
Input Power	IN FREE AIR RATED VOLTAGE 39 WATT AT 50Hz IN FREE AIR RATED VOLTAGE 35 WATT AT 60Hz
Input Current	IN FREE AIR RATED VOLTAGE 0.28A AT 50Hz IN FREE AIR RATED VOLTAGE 0.23A AT 60Hz
Insulation Resistance	10 M.OHM MIN. AT 500V DC
Dielectric Strength	1SEC. 1200V AC AT 50/60HZ
Life Expectancy	40000 HOURS AT 25 °C -65% RH
Noise Level	48 dB (A)
Speed	2700 RPM +/- 10% AT 50Hz 2800 RPM +/- 10% AT 60Hz
Vibration Test	AMPLITUDE 1.5m 10-55 HZ 3 DIRECTION X.Y.Z. 1 HR
Shock Test	ACCELERATION OF GRAVITY 30G AT 6M Y.Y.G. 1HR
AIR-FLOW DIRECTION	AIR INTAKE OVER THE STRUTS
Insulation Class	UL: CLASS A

Life is defined as the time motor speed decreased more than 30% compared with initial value.