

CommonWealth Fan

FP-108X-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	120x120x25.4 mm (12x12x2.54 cm)
Frame	Die cast aluminum, painted black
Bearing System	Sleeve Bearing

Electrical

Rated Voltage	AC 220V 50/60 Hz
Rotation	CCW <<FROM BLADE SIDE>>
Air Flow	80 CFM AT RATED VOLTAGE AT 60 Hz 64 CFM AT RATED VOLTAGE AT 50Hz
Static Pressure	0.23 INCH-H2O MIN. AT 60 Hz 0.20 INCH-H2O MIN. AT 50 Hz
Input Power	IN FREE AIR RATED VOLTAGE 16 WATT +/- 10 % AT 60Hz IN FREE AIR RATED VOLTAGE 18 WATT +/- 10 % AT 50Hz
Input Current	IN FREE AIR RATED VOLTAGE 0.11A AT 60Hz IN FREE AIR RATED VOLTAGE 0.12A AT 50 Hz
Insulation Resistance	10 M.OHM MIN. AT 500V DC
Dielectric Strength	1SEC. 1200V AC AT 50/60HZ
Life Expectancy	25000 HOURS AT 25 °C -65% RH
Noise Level	42 dB (A) -CARVE MAX
Speed	2300 RPM +/- 10% AT 60Hz 2200 RPM +/- 10% AT 50Hz
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
Insulation Class	UL: CLASS A

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