

CommonWealth Fan

FP-108ES-C 220V S



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	205x205x72 mm (20.5x20.5x7.2 cm)
Frame	Die cast aluminum, painted black
Bearing System	Ball Bearing

Electrical

Rated Voltage	AC 220/240V
Air Flow	17.5 M3/min (620CFM) AT RATED VOLTAGE AT 50 Hz 20.1 M3/min (710CFM) AT RATED VOLTAGE AT 60Hz
Static Pressure	25 mm-H2O AT 50 Hz 28 mm-H2O AT 60 Hz
Input Power	IN FREE AIR RATED VOLTAGE 65 WATT +/- 10 % AT 50Hz IN FREE AIR RATED VOLTAGE 102 WATT +/- 10% AT 60Hz
Input Current	IN FREE AIR RATED VOLTAGE 0.30A +/- 10% AT 220V/50Hz IN FREE AIR RATED VOLTAGE 0.49A +/- 10% AT 220V/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	70 dB (A)
Speed	2850 RPM +/- 10% AT 50Hz 3250 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
Insulation Class	UL: CLASS A

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