

## CommonWealth Fan

### FP-108ES 220V S1BW



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](mailto:info@cb-electronics.com) or visit their official website: [www.cb-electronics.com](http://www.cb-electronics.com).

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

## Mechanical

<b>Dimensions</b>	172x172x51 mm (17.2x17.2x5.1 cm)
<b>Frame</b>	Die cast aluminum, painted black
<b>Bearing System</b>	Ball Bearing

## Electrical

<b>Rated Voltage</b>	AC 220/240V
<b>Air Flow</b>	5.4 M3/min (190CFM) AT RATED VOLTAGE AT 50 Hz 6.3 M3/min (235CFM) AT RATED VOLTAGE AT 60Hz
<b>Static Pressure</b>	0.63 INCH-H2O AT 50 Hz 0.79 INCH-H2O AT 60 Hz
<b>Input Power</b>	IN FREE AIR RATED VOLTAGE 35WATT +/- 10 % AT 50Hz IN FREE AIR RATED VOLTAGE 33 WATT +/- 10 % AT 60Hz
<b>Input Current</b>	IN FREE AIR RATED VOLTAGE 0.29A +/- 10% AT 50Hz IN FREE AIR RATED VOLTAGE 0.25A +/- 10 % AT 60 Hz
<b>Insulation Resistance</b>	10 M.OHM MIN. AT 500V DC
<b>Dielectric Strength</b>	1SEC. 1200V AC AT 50/60HZ
<b>Life Expectancy</b>	40000 HOURS AT 25 °C -65% RH
<b>Noise Level</b>	50 dB (A) AT 50 HZ
<b>Speed</b>	2900 RPM +/- 10% AT 50Hz 3100 RPM +/- 10% AT 60Hz
<b>Vibration Test</b>	AMPLITUDE 1.5m 10-55 HZ 3 DIRECTION X.Y.Z. 1 HR
<b>Shock Test</b>	ACCELERATION OF GRAVITY 30G AT 6M Y.Y.G. 1HR
<b>Insulation Class</b>	UL: CLASS A