

# MODEL: D F 2 A 1 2 SH(120x120x38.5mm)

## SPECIFICATION

1)Rated Voltage	-----	AC230V
2)Operating Voltage	-----	230V±15%
3)Rated Current	-----	0.13/0.12A
4)Rated Input	-----	20/19W
5)Rated Frequency	-----	50/60Hz
6)Locked Current	-----	950A
7)Maximum Airflow	-----	2.69/3.28m <sup>3</sup> /min(95/115 CFM)
8)Maximum Air pressure	-----	8.13/9.4mm-H <sub>2</sub> O(0.32/0.37inch-H <sub>2</sub> O)
9)Rated Speed	-----	2700/3100RPM±10%
10)Operating Temperature	-----	-10°C ~+65°C (65%RH)
11)Storage Temperature	-----	-30°C ~+70°C (65%RH)
12)Acoustical Noise	-----	43/45dBA
13)Weight	-----	560gm

勝特力材料 886-3-5753170  
胜特力电子(上海) 86-21-54151736  
胜特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

## (1)SCOPE

This specification defines the electrical and mechanical characteristics of the A.C axial flow fan, which is carefully designed and manufactured for your special needs by Dynaeon Industrial Co., ltd.

## (2)ELECTRICAL CHARACTERISTICS

1.Rated Voltage	-----	AC230V
2.Operating Voltage	-----	195.5/264.5 V
3.Air flow	-----	2.69/3.28m <sup>3</sup> /min(95/115CFM) At rated voltage zero static pressure. (minimal value)
4.Static Pressure	-----	8.13/9.4 mm- H <sub>2</sub> O(0.32/0.37inch- H <sub>2</sub> O) At rated voltage ,zero air flow. (minimal value)
5.Input Current	-----	0.13/0.12A(max)
6.Input power	-----	20/19W
7.Insulation Resistance	-----	10M ohm Frame <----->Terminal AT DC 500V
8.Dielectric Strength	-----	5mA max at AC Frame <----->Terminal 1500v50HZ One min
9.Speed	-----	2700/3100RPM±10%
10. Life	-----	20,000Hrs Continuous operating under normal temperature(25°C or 77°F)
11.Rotation	-----	Clockwise air discharged

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12.Lead Wires	-----	UL 1007 awg 24 +:Black, -:Black,
13.Acoustical Noise	-----	43/45dBA

### (3)MECHANICAL CHARACTERISTICS

1.Dimension	-----	Per Drawing
2.Impeller	-----	Plastics UL94V-O
3.Frame	-----	Aluminum
4.Bearing System	-----	Sleeve Bearing
5.Weight	-----	560gm

### (4)ENVIRONMENTAL

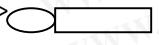
1.Operating Temperature	-----	-10°C ~+65°C (65%RH)
2.Storage Temperature	-----	-30°C ~+70°C (65%RH)
3.Vibration Test	-----	

Motor withstands 1000epm vibrating with 2mm amplitude for 30 minutes up and down,  
right and left , back and forth directions.

#### 4.Drop Test

Motor withstands one free body drop from 30cm in high onto 10mm thickness of  
wooden board for each of the three faces in minimum packaging condition.

#### 5.Acoustic Noise:43/45dBA-Curve(max)

Free Air<-----> Fan <-----1M----->  (Microphone)

Measuring condition:

Under rated voltage in semi-snechoic chamber equipment sound level meter.