# **Accessories**

## **DIMENSIONS** (mm inch)

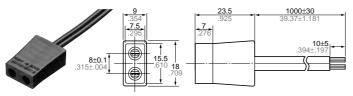
1. Plug cord for AC Fan Motor

2 terminals type

ASE51100

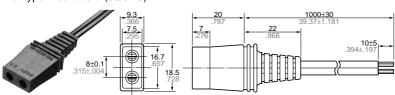
For inside of appliance

Flat type 2-core cord (20/0.18)



#### Compliant with Electrical Appliance and Material Safety Law

Flat type 2-core cord (30/0.18)

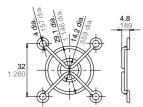


## 2. Fan guard (You can use this with both DC and AC types.)

ASFN48001

Recognized for 40 sq. by UL/CSA

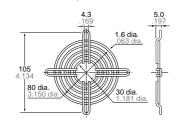
Material used: Steel, 1.6 dia.



## ASEN88001

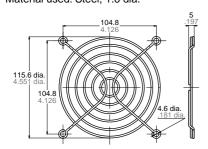
#### For 80 sq. by Electrical Appliance and **Material Safety Law**

Material used: Steel, 1.6 dia.



## ASFN18001

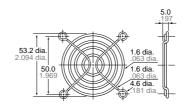
Recognized for 120 sq. by UL/CSA Material used: Steel, 1.6 dia.



## ASFN68001

## Recognized for 60 sq. by UL/CSA

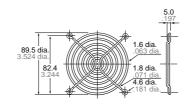
Material used: Steel, 1.6 dia.



## ASFN98001

## Recognized for 92 sq. by UL/CSA

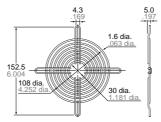
Material used: Steel, 1.6 dia.



## ASEN18001

### For 120 sq. by Electrical Appliance and **Material Safety Law**

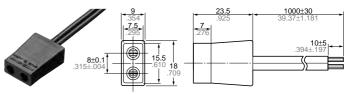
Material used: Steel, 1.6 dia.



## ASE51109

## UL Standard: File No. E106219

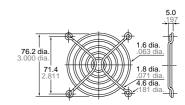
Thermoplastic, flat type 2-core cord UL SPT-1 AWG18 (41/0.16) CSA POT-64 AWG18 (41/0.16)



## ASFN88001

## Recognized for 80 sq. by UL/CSA

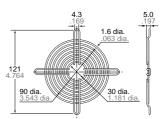
Material used: Steel, 1.6 dia.



## ASEN98001

#### For 92 sq. by Electrical Appliance and **Material Safety Law**

Material used: Steel, 1.6 dia.



## ASEN58001

Recognized for 150×172 by UL/CSA Material used: Steel, 2.3 dia.

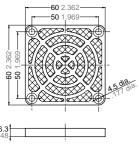
> 1.8 dia. .071 dia. 154.4 dia 6.45 162.05

### 3. Fan motor filter (You can use this with both DC and AC types.)

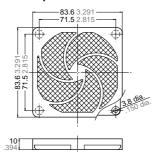


(ASEN18002)

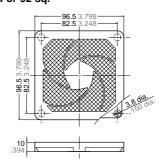
ASEN68002 For 60 sq.



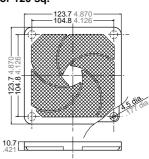
ASEN88002 For 80 sq.



ASEN98002 For 92 sq.



ASEN18002 For 120 sq.



# **Functions of DC Fan Sensor**

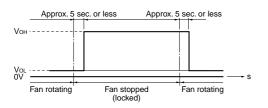
## DC FAN SENSOR

If the fan stops as a result of forced external restraint, a signal will be generated to indicate that there is a problem. This signal can be used to control an external warning circuit in order to help prevent the device from overheating.

Although there are various detection methods for this sensor, we employ the method that uses a logic circuit.

#### 1. Lock sensor specifications

Output waveform

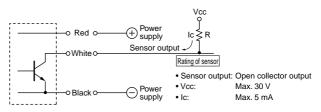


- \* Output may be high for approximately 0.5 seconds when power is turned on.
- \*The continually high output waveform type when fan is stopped (locked) is standard.

A high/low output waveform type and output waveform type that corresponds to the rotation frequency during fan rotation are available by special order.

Please inquire for details.

#### 2. Sensor output circuit



- Notes: 1. Set the resistance value (R) so that the sensor circuit current (Ic) does not exceed 5 mA.
  - When using at TTL level, the sensor circuit current (Ic) should be approximately 2 mA.

<sup>\*</sup> Exceeding the values above may lead to IC damage.