

Customer: _____

NO: _____

SPECIFICATION FOR APPROVAL

MODEL SK-95CR-5

DESCRIPTION Ionizer

CUSTOMER P/N _____



上耕企業有限公司

SON KING Enterprises Co., Ltd

NO.14, Lane 359, HSIAO-CHIEN RD, YANGMEI, TAOYUAN, R.O.C.

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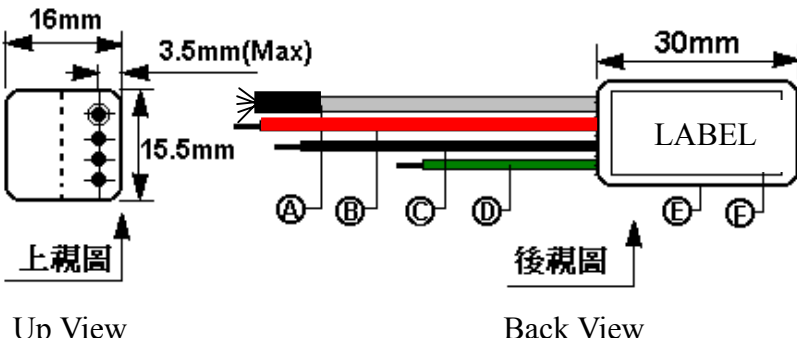
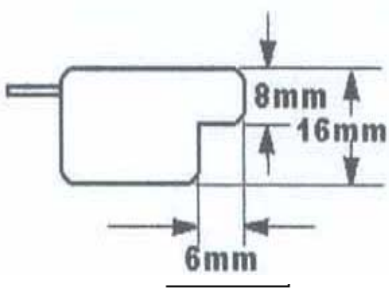
1.Characteristics:

- (1) Description : Ionizer (For generate the negative ion).
- (2) Model NO : SK-95CR-5
- (3) Manufacturer : SON KING Enterprises Co., Ltd.
- (4) Fill with black epoxy and can't be over outside.
- (5) The quantity of Ion : Ion counter distance from Ion generator 20cm and caught ion more than 2,000,000 /sec.(Fan require)

2.Electrical Characteristics and using condition:

- (6) Input Voltage : 125VAC±10%
- (7) Running Voltage Range : 113V~137V
- (8) I/CmA : Under 10mA
- (9) Output Voltage : -4.0KVDC±20% (Test with load 1000MΩ)
- (10)Output level : DC smooth waves without pulse.
- (11)Duty cycle : 60Hz
- (12)Temperature Using Range : 0 ~50
- (13)Temperature Storage Range : -20 ~70
- (14)Humidity range of working : 50~95%RH

3.Appearance:

SHAPE & DIMENSION : (UNIT:m/m)	
	
Up View	Back View
A=TFL(High Voltage Wire) : UL3239# 22 AWG、 10KV(White)@150 . Connect with stainless brush.	
B=PVC(Input Wire) : UL1430# 24 AWG、 300V(Red)@105	
C=PVC(Input Wire) : UL1430# 24 AWG、 300V(Black)@105	
D=PVC(Input Wire) : UL1430# 24 AWG、 300V(Green)@105	
E=CASE : ABS UL94V0、 Length*Width*High=30mm*15.5mm(Max)*16mm(Max)。	
F=Label : As above drawing. Paste on the side of case.	

4. Test Condition

(1) Life Test: At temperature $0 \sim +50$, with Input Voltage AC125Vac/60Hz after continuous operating 168 hrs can fit in with specification .All the tests are performed under following environmental condition.

(2) Environment Test:

1. High and low temperature test: High and low temperature test:

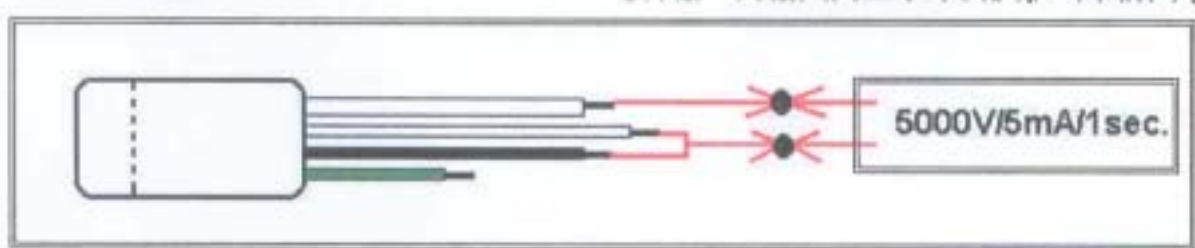
After placing Ionizer in $0 \sim +40$ continuously operate it at Input Voltage AC125Vac. After the test, it shall be nothing abnormal on specification

2. Temperature raising test: Keep the Ionizer stay in $+45$ then make it operating continuously for 7 days with Input Voltage AC125Vac, then the temperature raising no more then 20 under the following condition

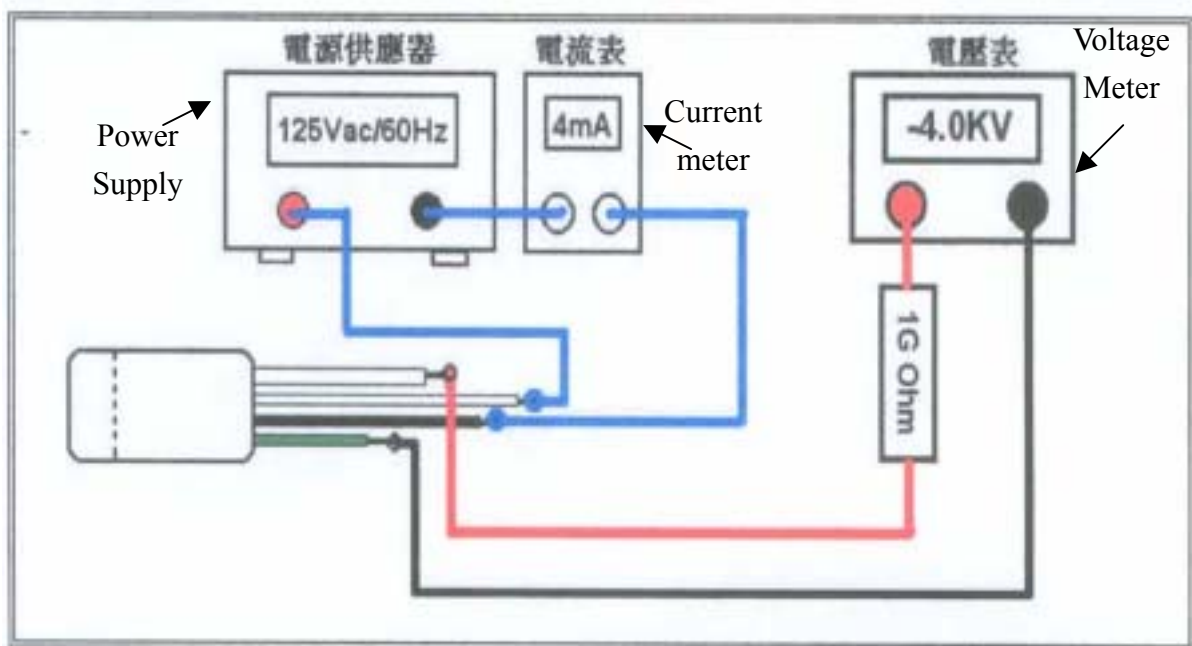
5. Testing Circuit:

(1) High Voltage breakdown Test:

The products should run into high voltage breakdown test with 100% .



(3) High Voltage testing Circuit:



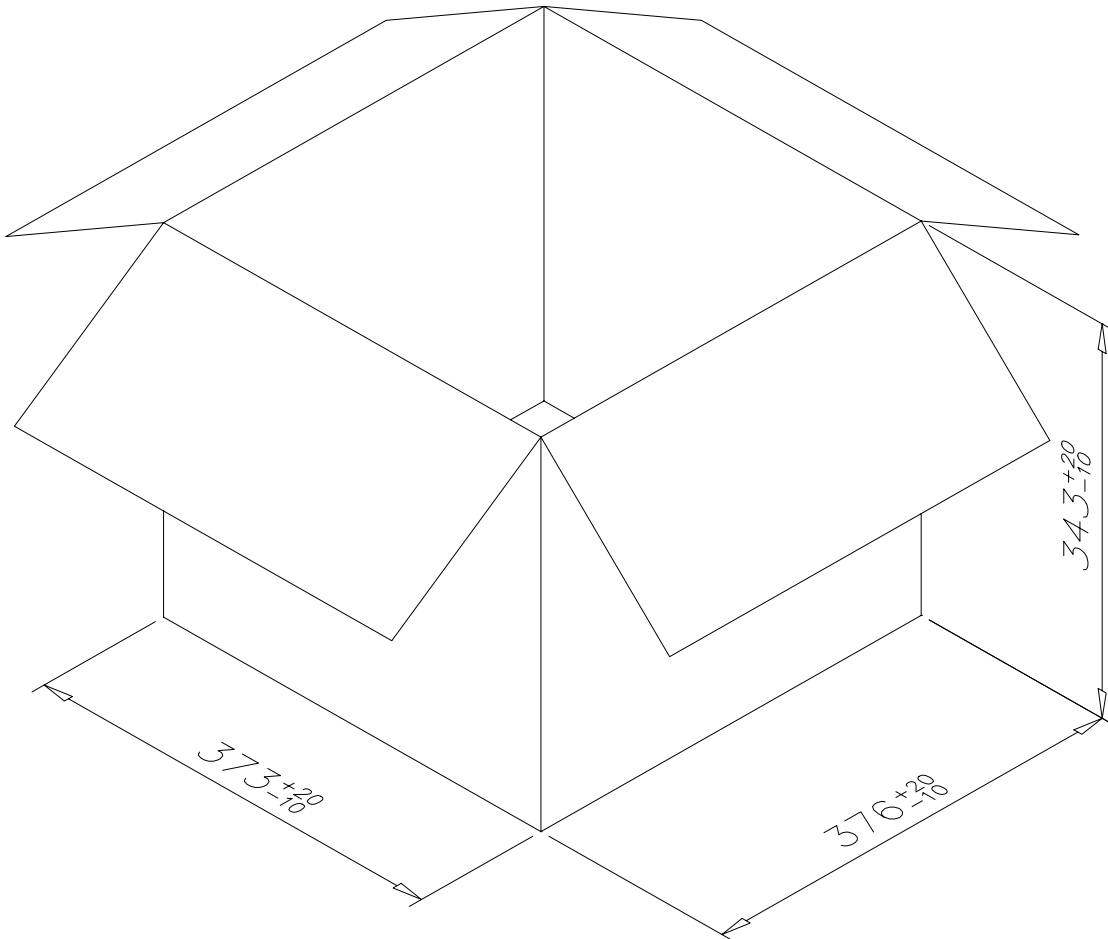
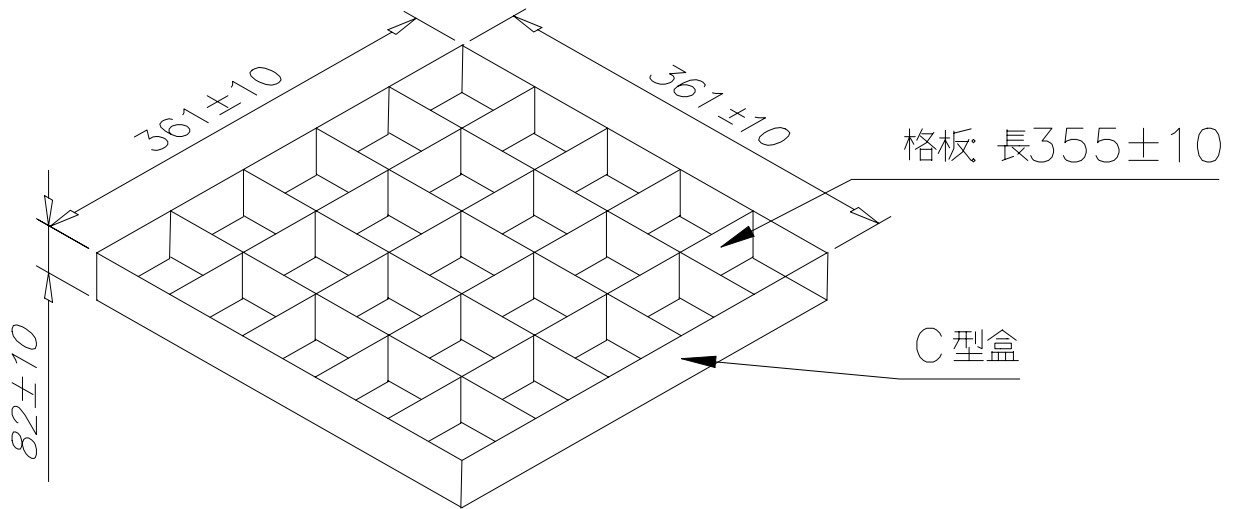
6. *Appearance Check:*

(1) The epoxy can not overflow the surface.

(2) Wire Pull Strength Test: Five pounds pull strength to remain one minute of wire.



7. Packing:



There are 1,000 pieces in a package.
The weight of a package is 15 +/- 1 Kg.