



Insect Zapper

For safe eradication of mosquitoes, biting flies, and other insects.

INSTRUCTIONS MANUAL



TYL-CF3000







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Thank you very much for buying our Electric-shock Insect Zapper!

To ensure correct and safe usage of the product, please read the instructions carefully. Instructions and marks on the unit are specified with important details to prevent any damage or personal injury. Make sure the above-mentioned instructions and warning marks are properly kept and are visible before using the product.

Make sure the Warranty Card is included when buying the product and record the purchase date and store information.

- This product is for household and indoor use only
- This product is not chargeable.
- Unplug the unit and do not use it in case of any emergency or exceptional situations e.g. earthquake or fire hazard.







Key Features



**Non-Toxic
UV Pest Killer**

 <p>100% Safe Chemical Free Insect/Pest Killer</p>	 <p>Easy to Clean Modern design that can be cleaned super easily</p>
 <p>365 mm UV Light UV lights can easily be replaced</p>	 <p>Bionic UV Light with TiO² CO² release in the reaction of UV and TiO²</p>





SAFETY INSTRUCTIONS

The Do's and Don'ts hereinafter states conditions of potential damage or loss by incorrect operation or failure to comply with the instructions and the marks. Follow the instructions and the marks when using the unit as these relate to your safety.

Warning		Incorrect operation or ignoring this sign may result in personal accident or serious injury.
Caution		Incorrect operation or ignoring this sign may hurt you or result in damage to your household articles.

Legend Descriptions

	Indicates prohibited actions, with detailed descriptions next to it.
	Indicates compulsive actions, with detailed descriptions next to it.

Warning	
	Tear-Down Any tear-down for repair by non-technical person is unwarrantable and may result in left-out parts, electric shock or fire hazard.
	Prohibition Do not use the unit at any voltage except for AC100-240V. Failure of complying with this may result in fire hazard, electric shock or damage.
	Prohibition The power cord and the plug must be free of scratch. Do not twist, pull, wrest or weigh down the power cord. Worn power cord may result in fire hazard or electric shock.
	Prohibition Do not use the unit if the power cord or plug is damaged. This may cause spark or electric shock.
	Prohibition This product is for indoor use only. Do not place the unit on any place exposed to wind; otherwise, it may topple over and result in electric shock or fire hazard.







Modification	Modification to the unit or replacement of parts may void the operation of the unit, and may result in fall-off, electric shock, fire hazard or product failure.
 Compulsive	Power cord or plug should be properly used. Power plug and DC head should be kept free of dust, otherwise it may cause fire hazard or electric shock.
 Compulsive	Plug pin should be properly inserted into the socket; otherwise, there may be short circuit, spark or electric shock.
 Unplugging	Make sure the power cord and DC head are unplugged when the unit is under maintenance or not in use. Failure to follow this may cause electric shock and injury.
 Prohibition	Do not wet the body of the unit or power plug; otherwise, it may cause electric shock or product failure.
 Prohibition	Do not use the unit with bundled power cord; otherwise, it may result in fire hazard.
 Compulsive	Please wear thick plastic gloves when cleaning or replacing the light tube, otherwise, you may suffer an electric shock.
 Prohibition	Do not handle the power plug with wet hands, otherwise you may get injured or suffer an electric shock.
 Prohibition	Do not place the unit on shaky surface from which the unit may fall off.
 Prohibition	Unit should be placed on surface that can bear the unit weight; otherwise, it may result in fall-off, electric shock or fire hazard.
 Compulsive	Do not use the product near explosives or incensive objects; otherwise, it may result in explosion or fire hazard.
 Prohibition	Do not hang the unit near corrosive gas; otherwise, it may result in discoloration, deformation or product failure.
 Prohibition	Do not apply any pesticide or incensive mist spray to the product; otherwise, it may result in explosion or fire hazard.
 Compulsive	Suspension position of the unit should be more than 1.8m above the floor or bed and distance between the unit and other objects should be more than 30cm; otherwise, it may result in discoloration, deterioration or fire hazard.



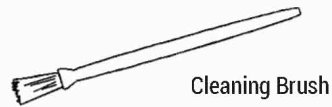
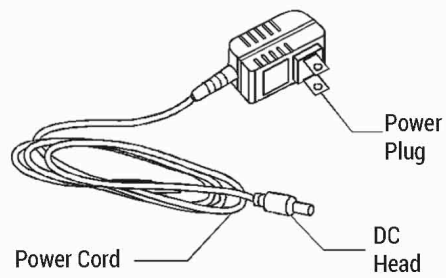
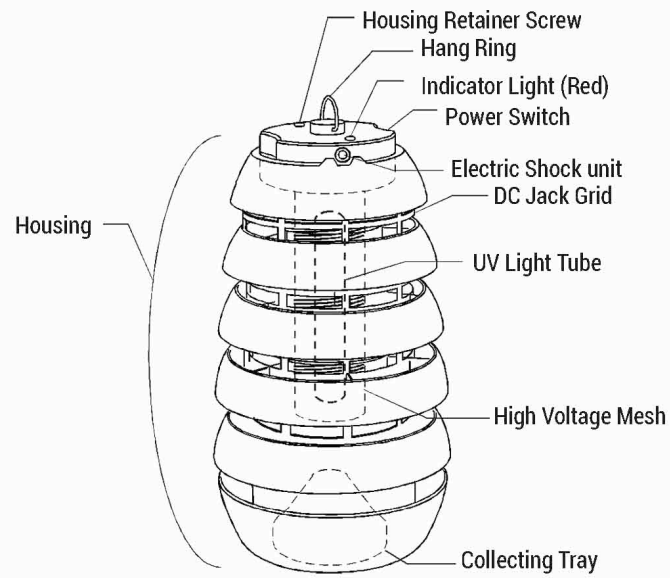


	Prohibition	Do not cover the unit with cloth or paper and always keep the unit away from inflammables; otherwise, it may cause fire hazard.
	Prohibition	Do not touch the high voltage mesh with any metal rod when the unit is plugged. Do not stick any metal items inside the housing. These may result in electric shock, fire hazard or product failure.
	Prohibition	Do not turn the unit upside down or place any heavy article on the unit; otherwise, it may result in fall-off, electronic shock, fire hazard or product failure.
	Compulsive	Empty the collection tray when it is full; otherwise, it may result in fire hazard.
	Prohibition	Do not put chemicals or water of any kind into the collecting tray; otherwise, it may result in fire hazard or corrosion.
	Unplugging	Make sure the unit is unplugged when cleaning the unit or replacing the light tube, otherwise you may get electric shocked.
	Compulsive	Light tube specification should be referred to the instructions or the labels on the unit; otherwise, it may result in fire hazard, deformation or discoloration.
	Prohibition	Keep the product out of the reach of children; otherwise, it may result in serious accident.
	Prohibition	Do not use the product in outdoor place, under eaves, in a warehouse or animal shed; otherwise, it may result in electric shock or fire hazard.

 Caution		
	Prohibition	Make sure this unit is operated with the adapter supplied; otherwise, it may result in product failure.
	Prohibition	Do not use the unit in places with high temperature above 35° or high humidity or outside the room where it may get wet by rain, otherwise it may cause electric shock by failure of insulation.
	Unplugging	Make sure the unit is unplugged when it thunders, otherwise it may cause product failure.

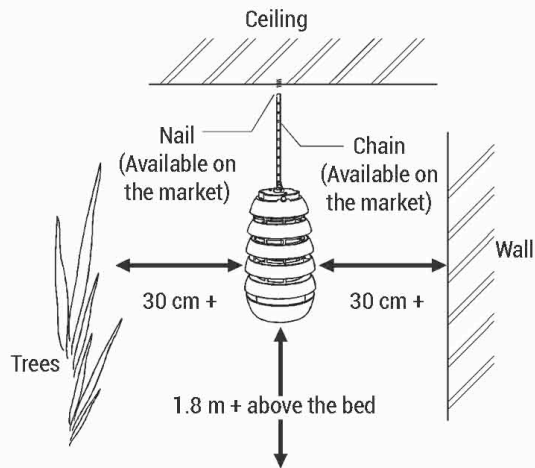


PARTS AND COMPONENTS





INSTALLATION INSTRUCTIONS



Hanging-up

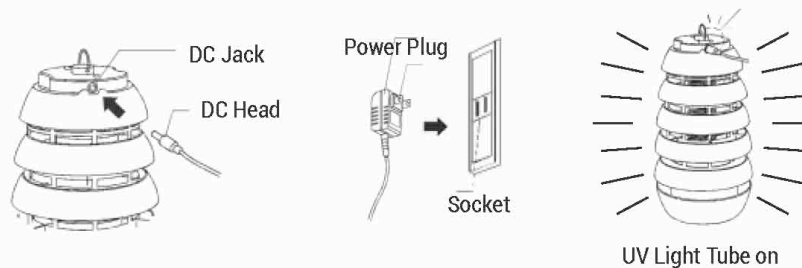
This product is designed for indoor use. Do not use it where it may get wet by rain.

This unit weights 650g. Hook up the hang ring of the unit with a chain and hang the unit on something that can bear the unit weight.

Suspension position of the unit should be more than 1.8m above the floor or bed and distance between the unit and other objects should be more than 30cm.

Power Connection

Connect the DC head of the AC adaptor to the power outlet of the unit and plug in the unit. Power indicator light of the high voltage mesh and the UV light tube will both turn on.






Disconnection of Power

Unplug the AC adaptor from the socket when the unit is not in use. Turn off the socket for disconnection of power provided that the socket has an on/off button.



MAINTENANCE




 High Voltage	 Prohibition	Indicates electric shock hazard. Do not touch the high voltage part of the unit with your hands when unit is plugged in.
	 Compulsive	Make sure you wear rubber gloves when cleaning the unit or replacing the light tube to avoid electrical shock hazard.

De-electrification of High Voltage Mesh

Make sure the unit is unplugged (*both the adaptor plug pin and the DC head connected to the unit need to be pulled out*) when cleaning the unit or replacing the light tube. Please be reminded that the high voltage mesh may still be electriferous within a certain time after being unplugged. Touch the high voltage mesh with an insulating screwdriver for de-electrification. Do not start any maintenance until the mesh is completely de-electrified.

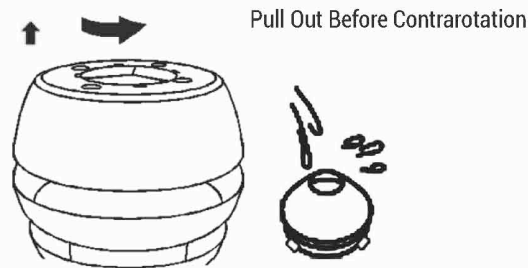
Cleaning Instructions

Dedusting: Follow the instructions on De-electrification of High Voltage Mesh for residual discharge before dedusting. Dedust the high voltage mesh and the UV light tube with supplied brush and make sure the brush is dry.



 Warning	 Prohibition	Do not wet the brush with water or any detergent; otherwise, it may cause electric shock.
	 Prohibition	Do not use detergent of any kind for cleaning; otherwise, it may result in discoloration, deformation or fire hazard.

Cleaning of the Collection Tray

Rotate the collecting tray, pull it downwards and take out for cleaning. Clean it with soft cloth and mild cleaning solution if it gets dirty. Make sure collection tray is dry before reassembly.





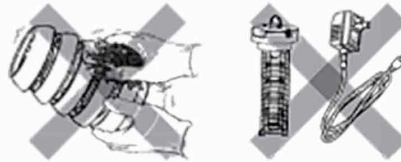
 High Voltage	 Compulsive	<p>Make sure you wear rubber gloves when cleaning the unit or replacing the light tube to avoid electrical shock hazard.</p>
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Cleaning of Housing

Follow the instructions on de-electrification of High Voltage Mesh for residual discharge before cleaning.




1. Unscrew the top of the unit, rotate the upper part of the unit, pull up and take out the high voltage mesh along with the UV light tube.
2. Rinse the housing with water and clean it with soft cloth if it gets dirty. Air dry the housing where it is well ventilated and away from sunlight. Reassemble the unit with housing that is completely dry. Residual moisture may result in electric shock or product failure.

Air Dry the housing after rinsing



Do not use hard or rough object, detergent, or abrasive cleaning agents for cleaning.



Do not wash with water. Keep away from water.

 Warning	 Prohibition	<p>Do not use hard or rough object, detergent, or abrasive cleaning agents when cleaning the housing; otherwise, TiO₂ coating may fall off and carbon dioxide release in the reaction of UV and TiO₂ may be reduced.</p>
	 Prohibition	<p>Do not wash the parts or components except for the collection tray and the housing; otherwise, it may cause product failure.</p>



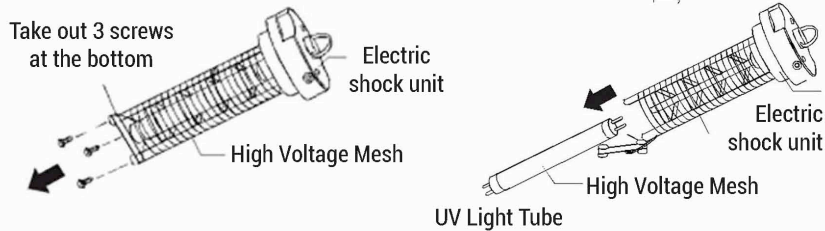
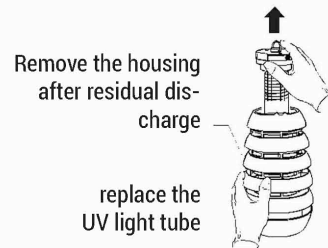





UV LIGHT TUBE REPLACEMENT

 High Voltage	 Compulsive	Follow the instructions on de-electrification of High Voltage Mesh for residual discharge.
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Follow the instructions on de-electrification of High Voltage Mesh for residual discharge before replacing the light tube.

- Remove the housing before taking out the screws at the bottom of the electric-shock unit;
- Take off the triangular cover and take out the light tube;
- Insert the terminal of the replacement light tube correctly;
- Put the triangular cover back with screws and fit the housing.



 Warning	 Prohibition	Do not deform the high voltage mesh; otherwise it may cause interference among adjacent wires and cause short circuit or product failure.
	 Compulsive	Make sure the housing is well assembled before checking if the light tube is serviceable when plugged; otherwise, it may result in electric shock or accident.





TROUBLESHOOTING GUIDE

To avoid any accident, immediately unplug the unit if any abnormal condition is found during use. Read the manual carefully before repairing the unit and make sure the following items are read thoroughly. Consult the store where you bought the unit from for advice if the problem still persists after reading this guide.

Issue	Inspection and Solution
UV light tube is off	Check if <ol style="list-style-type: none"> 1. the plug and the DC head are well inserted; 2. the socket is powered on (test with other electric appliances or consult an electrician); 3. the triangular cover at the bottom of the UV light tube was taken off (fit it on); 4. the UV light tube needs to be replaced (replace the UV light tube).
Cannot catch mosquitoes	Check if <ol style="list-style-type: none"> 1. The high voltage mesh is dirty (clean it); 2. ambient light is too bright (dim the ambient lightings); 3. there is no high-voltage current (contact the store where you bought the unit from).
Burning smell, abnormal noise, sparks	Stop using the unit and bring to the store where you bought the unit.

SPECIFICATIONS

Dimension	W158 X D158 X H282mm
Weight	about 800g (only for unit body)
Main Material	ABS TiO2 Coating Aluminum Wire
Power (DC)	Input: AC100-240V 50/60Hz Output: DC24V 500mA
Voltage Current	2100V(secondary voltage) - 10mA(secondary short circuit current)
UV Light Tube	FL-4BL (4 watt for each)
Power	5W
Power Cord	about 1.2m
Protection Apparatus	Current Fuse 2A
Continuous Operation	24 hours

Effective area of UV light tube: 30 ~ 80 m² (the effectiveness of the UV light tube is influenced by the ambient brightness and species of mosquito).

Carbon dioxide release by TiO₂ coating is around 0.05m³/h when UV light tube is used as the light source. (The efficacy may be different due to variances of operation conditions and insect species.) This product is not designed for commercial use. Specifications of this product may be revised without any previous notice.







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