

GOKDA The Company focus on outdoor
mosquito control

GOKDA



National High-tech Enterprise



GOKDA BRAND MANAGEMENT CENTER | GOKDA BRAND OPERATION CENTER | GOKDA R&D CENTER

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🌐 <http://www.gokda.com>

————— GOKDA R&D CENTER —————



Mosquito control
system >>>>



GOKDAR&D CENTER

Graphic Design Master *K.P.P.*
Product Design Master *Bunji*



Company profile

Focus on overall outdoor mosquito control

The company was founded in 2009, and GOKDA is a research and development enterprise dedicated to outdoor ecological mosquito and insect repellent products for the global market. Always focused on household mosquito control technology - products - solutions - services.

Received national honors and technology patents

In 2016, 2019, and 2022, it has been awarded the title of "National High tech Enterprise" for three consecutive years. It is a member unit of Shunde Product Quality Promotion Association, a trustworthy brand enterprise, and one of the top ten brands in the outdoor mosquito killer lamp industry. It has obtained more than 40 national patents, multiple core technology invention patents, and more.

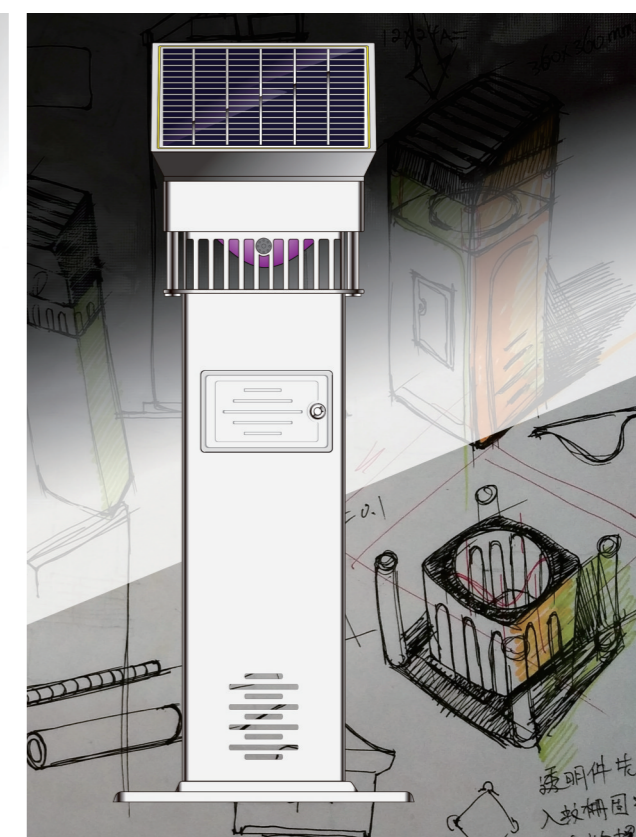
Master the core ecological mosquito control technology

The company researches and understands the living habits of mosquitoes, analyzes human secretions and their comprehensive forms, and uses innovative biomimetic technology to prevent mosquitoes. With the concept of scientific, environmental protection and safety, it develops more effective ecological mosquito control products.

Powerful expert doctoral research and development team

GOKDA collaborates with Sun Yat sen Medical College of Sun Yat sen University and Guangdong Vector Biological Control Engineering Technology Research Center for scientific research. Bringing together a research and development team of over 30 domestic and international experts, including product designers, chemical specialists, entomologists, IT engineers, and more!



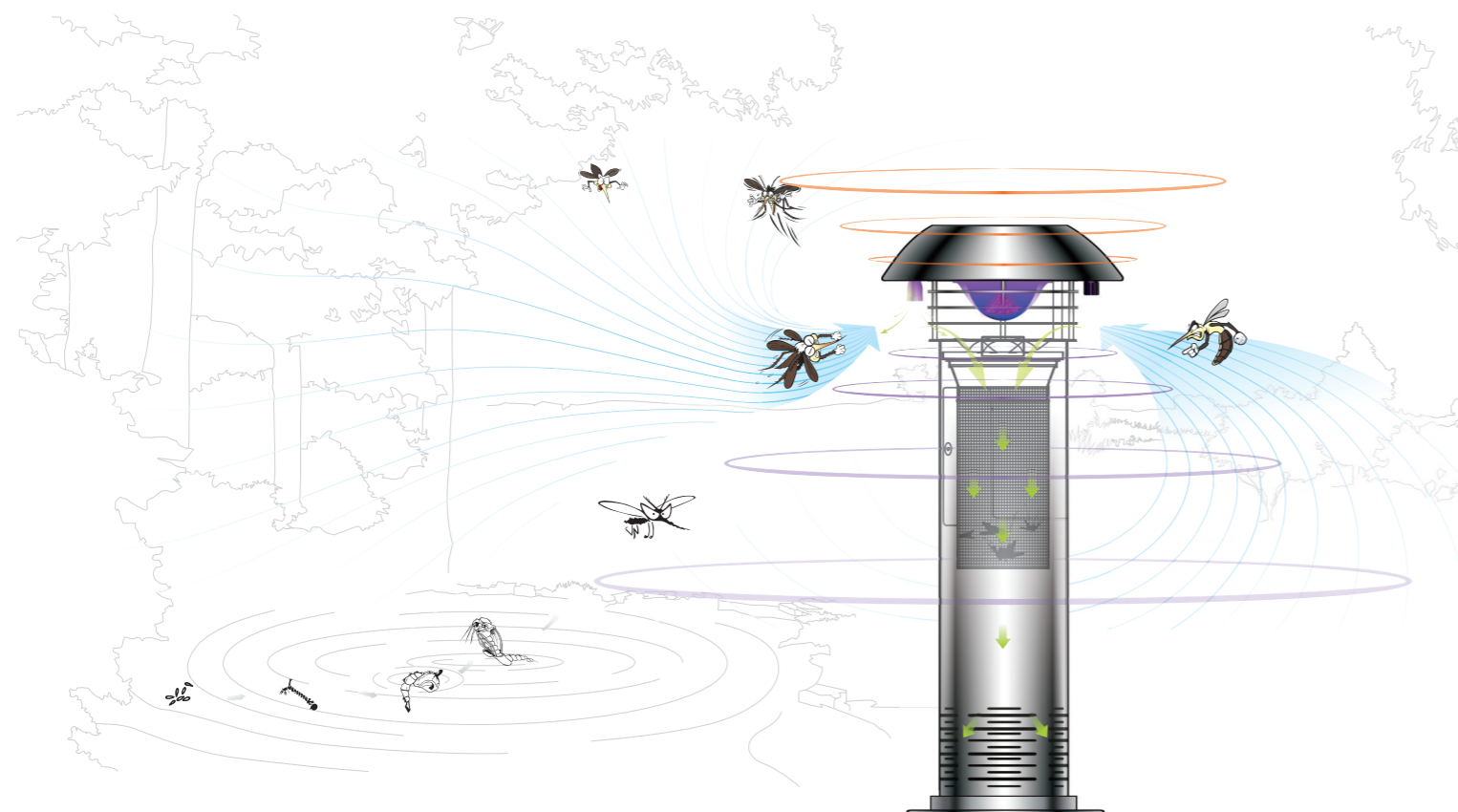


PREFACE

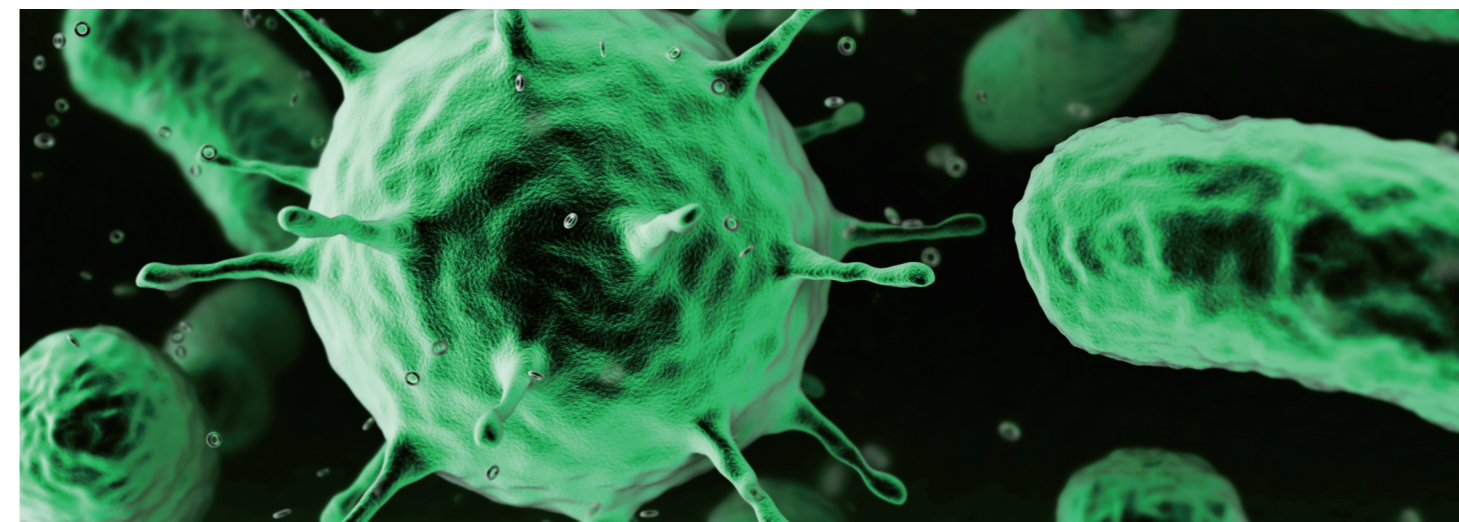
Good environmental sanitation infrastructure construction is an essential material foundation for the survival and development of a city. In addition to traditional environmental management measures, new mosquito control technologies are combined to enhance the effectiveness of mosquito control.

The abundant greenery and rivers in public places such as parks and communities provide more breeding and shelter environments for mosquitoes, leading to a significant increase in the number of mosquitoes. Mosquito bites continue to harass and spread diseases. Therefore, the ecological mosquito control system was born. Reasonably deploy and install ecological mosquito control systems in these areas of a city. It can effectively eliminate and reduce mosquitoes here, reduce mosquito density, protect the environment from chemical pollution, and improve the living standards of modern residents.

GOKDA actively advocates the combination of outdoor and indoor mosquito control, and advocates the concept of establishing the first and second lines of defense for mosquito control, in order to effectively control indoor and outdoor mosquitoes and create a healthy and beautiful living environment.



ABOUT MOSQUITO



Mosquitoes belong to the family Mosquitidae in the order Diptera, with approximately 3000 species worldwide. It is a slender flying insect with a piercing and sucking mouthpiece. Usually, females feed on blood, while males consume plant sap. Vampire sucking female mosquitoes are intermediate hosts for other pathogens such as dengue fever, malaria, yellow fever, filariasis, and Japanese encephalitis. Mosquitoes are distributed on all continents except Antarctica. Among them, the most famous genera are Anopheles, Aedes, and Culex.

Breeding habits

Mosquitoes and insects all breed in water. Depending on the species, mosquito eggs may be laid on the water surface, by the water's edge, or in three different locations. On the water surface, mosquitoes such as Anopheles mosquitoes and house mosquitoes, and on the water's edge, mosquitoes such as Aedes mosquitoes. Such as small rivers, rainwater puddles, ponds, ponds, rice paddies, and mountain streams;

Vampire habits

Male mosquitoes only suck grass juice and live with nectar, without sucking blood. Female mosquitoes must suck blood (human or animal blood) from their eggs to develop and mature after mating, so only female mosquitoes can transmit diseases. Female mosquitoes can lay one egg after sucking blood, and can lay six to eight eggs in their lifetime, with 200-300 eggs each time. Therefore, eliminating one mosquito in the early stages is equivalent to eliminating hundreds or even thousands of eggs.

Habitat habits

After the emergence of mosquitoes and after sucking blood, they both need to find a place to live. Mosquitoes generally prefer to live in hidden, dark, and poorly ventilated areas, such as in toilets, under beds, behind cabinets, behind doors, wall crevices, and basements. Outside, they are often found in water sources, trees and grass, rockeries, bridge holes, stone crevices, and other places.



Anopheles

The characteristics of adult mosquitoes are that their wings are mostly spotted, their bodies are mostly gray, and when they stay, they maintain a certain angle with the resting surface. They mostly move at night;



Culex

The characteristic of adult Culex mosquitoes is that their wings are mostly flawless and their body color is brownish yellow. When they stay, their body often maintains a balanced and parallel state with the resting surface, and their activities are mostly at night.



Aedes aegypti

The characteristics of adult Aedes mosquitoes are that they have no spots on their wings, and their bodies are mostly black with white stripes. They prefer to move during the day and in cool places, and their activities are mostly at night.



A small mosquito can cause great harm



Pain, redness, swelling, and itching



Affects sleep



Allergic herpes and blisters



Severe infectious diseases such as dysentery and yellow fever



Carrying pathogens, causing skin diseases



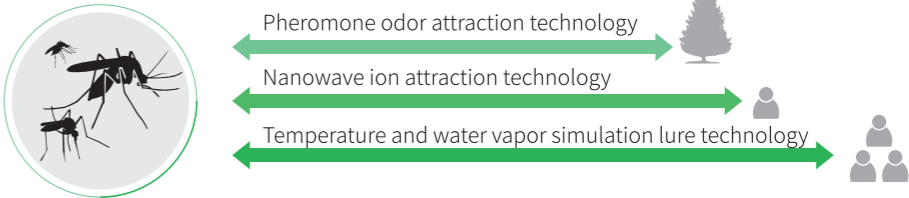
Causing colds and fever



Mosquito Attractant Technique

New anti mosquito technology, using specific light waves, patented mosquito attractants emitting odors, heat, water vapor, etc. to attract mosquitoes to approach. The high-speed rotating vortex fan sucks mosquitoes into the mosquito storage box to dry and dehydrate them, resulting in death. The entire process is safe and pollution-free, with no toxic side effects. Thus achieving the goal of green pest control and environmentally friendly mosquito control.

Multiple mosquito attractant systems



NEW Pheromone odor attraction technology

GOKDA patented formula: Supported by rigorous experimental testing data, continuously adjusting the ratio. With tens of thousands of experiments, essence is extracted from a variety of natural plants. It is non-toxic and harmless, and imitates human body odor to emit elements. Paired with the device, it can significantly enhance the mosquito attraction effect.


Mosquito attractant light wave

The 360-400nm light waves emitted by customized LED UVA lure chips are used to lure mosquitoes closer. The emitted light waves can not only lure mosquitoes, but also other different types of flying insects.


Temperature simulation lure

After exercising, a person's body temperature rises and is more likely to attract mosquitoes. Using this principle, a Fever system is built into the machine to simulate the heat source of body temperature, thereby achieving better trapping effects.


Product features




Multiple mosquito attractant systems




APP remote control




Intelligent linkage



Physical mosquito control



Safe waterproofing

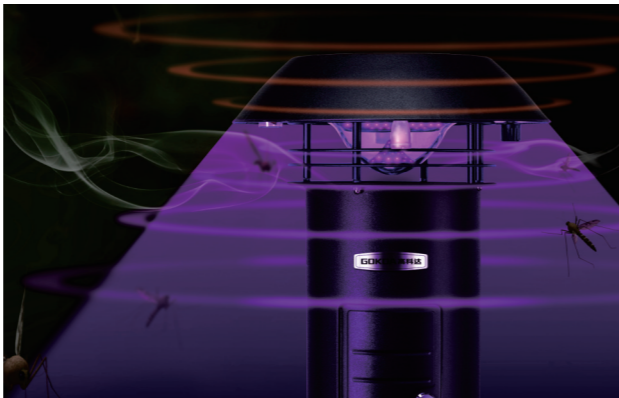


Saving



Product advantages

- Biomimetic design, physical mosquito control, environmentally friendly and safe mosquito catching and killing.
- Multiple mosquito attractant systems: light waves, odor, water vapor, temperature simulation attractants, etc.
- Invention of patented mosquito attractants to enhance attraction: Anopheles mosquitoes, Culex mosquitoes, Aedes mosquitoes.
- Lighting mode, automatic mosquito control mode, manual mosquito control mode
- The waterproof design of the entire machine allows for regional/global control of the setting status.
- Multiple devices can be synchronized and controlled separately



Double roller DC waterproof fan, with long service life and stable operation.



Double roller fan
Double roller design, smooth operation, and stable quality.



IC chip protection
Prevent safety hazards caused by temperature rise when the fan is stuck by foreign objects.



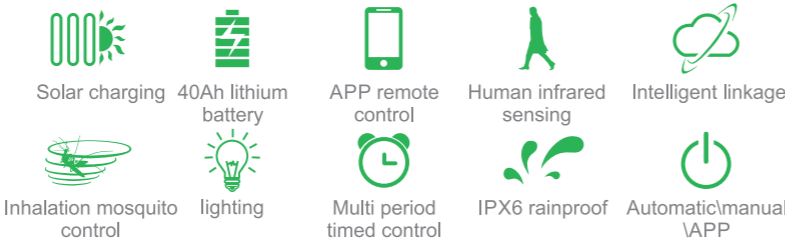
Solar powered ecological mosquito control system

H-X6-TYN
Intelligent remote control of mobile app, multifunctional and large-scale mosquito control.

40Ah lithium solar charging

Eliminate wiring and installation troubles

A 340 * 340mm large-area solar charging board, paired with a 40Ah ternary lithium battery, is environmentally friendly and energy-saving, and can last for more than 80 hours when fully charged.



Solar Outdoor Mosquito Lamp

H-X6-TYN APP Intelligent Edition

| Types of | Wind suction type | function | Mosquito control/lighting |
|------------------------|--|---------------|---------------------------|
| Product specifications | 370 X 440 X 1400mm | colour | black |
| Power source | Optoelectronic integration | voltage | 110-256V / 12V~ |
| power | 8-12W | Capture Range | 300m ² |
| material quality | Stainless steel | power switch | Light control/manual/APP |
| Inducing methods | Light wave/temperature/odor attraction | | |

Solar panel parameters

| | | | |
|----------------|------------------------|----------------------|-------|
| specifications | 340X340X4mm | working voltage | 18V |
| output power | 17W | Working current | 0.83A |
| Chemical Type | single-crystal silicon | open circuit voltage | 0.83A |

Battery parameters

| | | | |
|----------|------|---------------|-------------------------|
| capacity | 40Ah | Chemical Type | Ternary lithium battery |
|----------|------|---------------|-------------------------|

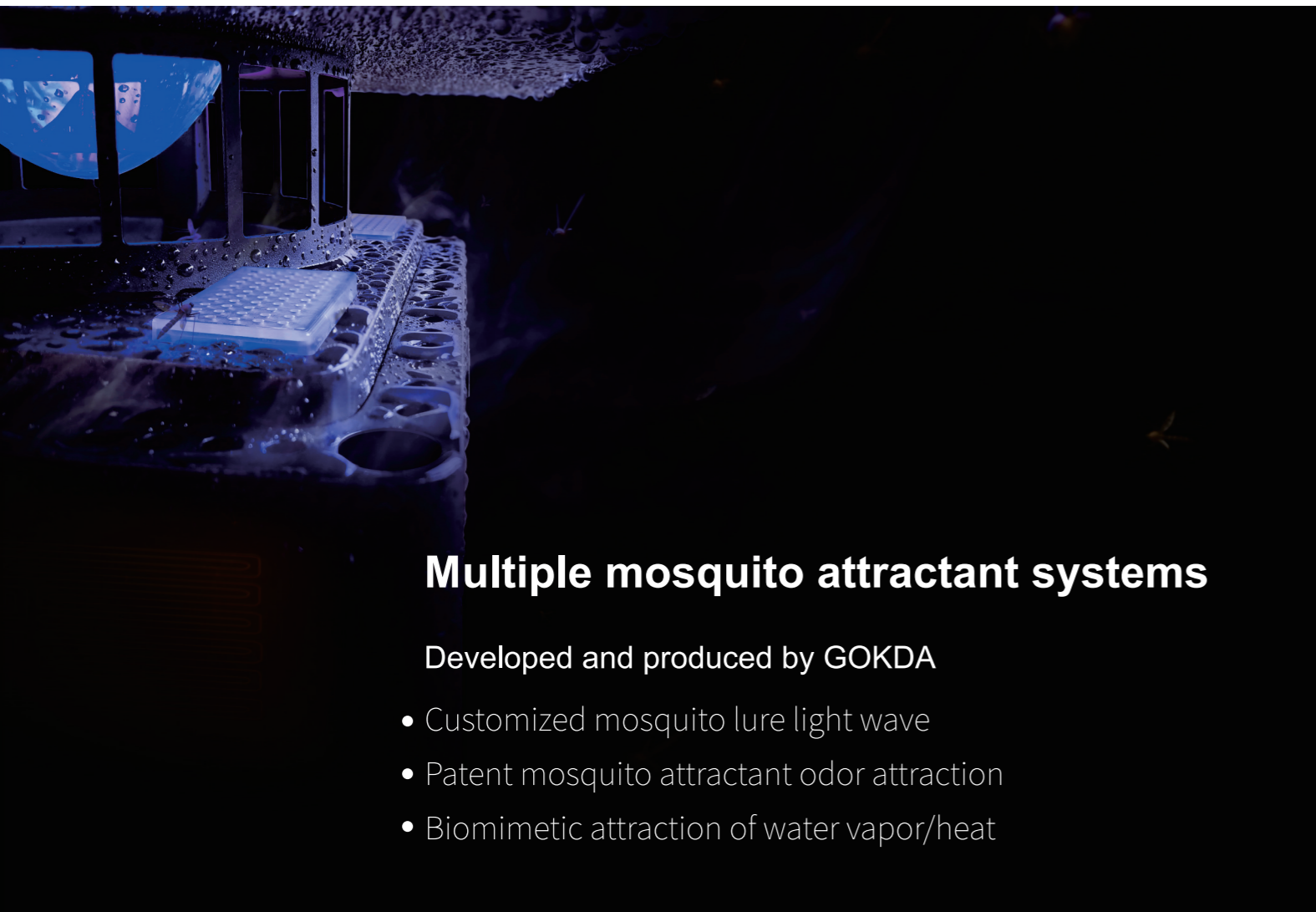
APP intelligent remote control

Equipped with Alibaba Cloud communication module, it can control/view the operation status of the machine at any time.

- Lighting mode
- Automatic Mosquito Control Mode
- Manual mosquito control mode
- Cloud based multi period timed setting mode
- Machine operation status can be viewed at any time
- Multiple devices can be synchronized/controlled separately
- Divisible Regional/Global Control Equipment Status



Multiple devices can be synchronized/controlled separately
(Can be divided into regional/global control equipment status)



Multiple mosquito attractant systems

Developed and produced by GOKDA

- Customized mosquito lure light wave
- Patent mosquito attractant odor attraction
- Biomimetic attraction of water vapor/heat

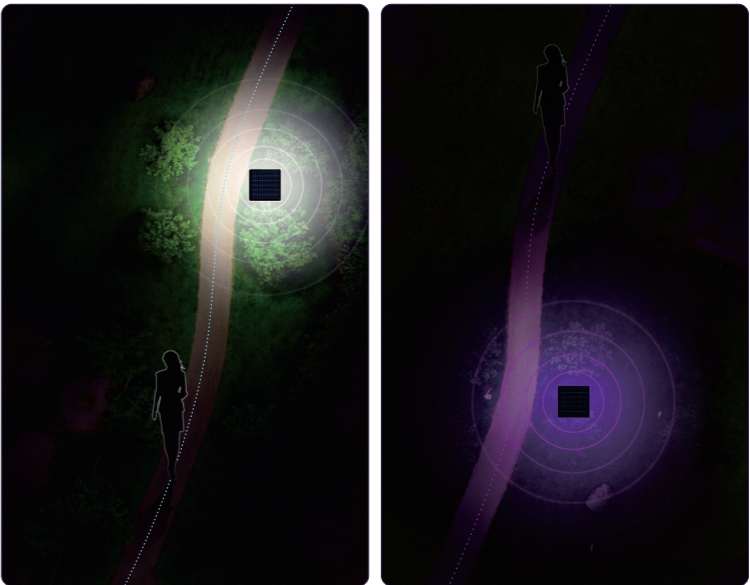
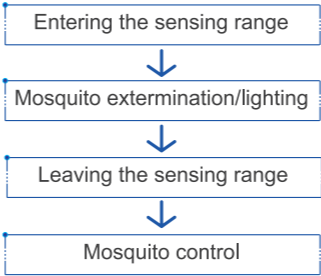


Divisible Regional/Global Control Equipment Status

Mobile app allows for free switching of the working status of each machine in different environments

Equipped with human infrared sensors

- Sensing range: wide angle 120 °, sensing distance 3-6 meters.
- Induction lighting: Enter the induction range and automatically activate the lighting function.
- Leaving or stationary: The lighting function automatically turns off within a few seconds.



Solar powered ecological mosquito control system

H-BS700-TYN

Intelligent remote control of mobile app, multifunctional and large-scale mosquito control.

60W OUTPUT

Fast conversion to electrical energy

UP+

- Equipped with 690 * 520mm monocrystalline silicon solar panels.
- Combined with a 40Ah ternary lithium battery.
- Eliminate wiring installation troubles.
- Safe and secure use.



Solar charging



40Ah lithium battery



APP remote control



Intelligent linkage



Inhalation mosquito control



Multi period timed control



Automatic/manual APP



IPX6 rainproof

Solar Outdoor Mosquito Lamp H-BS700-TYN

| | | | |
|------------------------|--|---------------|--------------------------|
| Types of | Wind suction type | function | Mosquito control |
| Product specifications | 690 X 440 X 610mm | colour | black |
| Power source | Optoelectronic integration | voltage | 110-256V / 12V~ |
| power | 8-12W | Capture Range | 300m ² |
| material quality | Stainless steel | power switch | Light control/manual/APP |
| Inducing methods | Light wave/temperature/odor attraction | | |

Solar panel parameters

| | | | |
|----------------|--------------|-----------------|------------------------|
| specifications | 690X520X25mm | working voltage | 18V |
| output power | 60W | Chemical Type | single-crystal silicon |

Battery parameters

| | | | |
|----------|------|---------------|-------------------------|
| capacity | 40Ah | Chemical Type | Ternary lithium battery |
|----------|------|---------------|-------------------------|

Solar powered ecological mosquito control system

Adopting multiple mosquito lure techniques

H-BS700



- Inhalation mosquito control
- Multiple mosquito attractant systems
- APP remote control
- Intelligent linkage
- Multi period timed control
- Automatic/manual APP
- IPX6 rainproof

Solar Outdoor Mosquito Lamp H-BS700

| | |
|------------------------|--|
| model | H-BS700 |
| Types of | Wind suction mosquito control |
| function | Mosquito control |
| Place of use | Universal for outdoor/indoor use |
| material | Stainless steel |
| Product specifications | 375 X 440 X 600mm |
| voltage | AC110-256V |
| power | 8.5-12W |
| frequency | 50Hz |
| Capture Range | 150-300m ² |
| Inducing methods | Light wave/temperature/odor attraction |
| power switch | Light control/manual/APP |
| colour | black |

Packaging

| | | | |
|--------------|------------------|--------------------|---------------------|
| net weight | 4.75kg | gross weight | 6.56kg |
| Package size | 480 X 450X 660mm | Packaging quantity | Separately packaged |



- Solar charging
- 40Ah lithium battery
- Inhalation mosquito control
- Multiple mosquito attractant systems
- Circulating air system
- IPX6 rainproof
- Automatic/manual

Solar Outdoor Mosquito Lamp H-X4-TYN

| | | | |
|------------------------|--|---------------|----------------------|
| Types of | Wind suction mosquito control | function | Mosquito control |
| Product specifications | 440 X 440 X 735mm | voltage | 12V~ |
| power | 8W | Capture Range | 150m ² |
| colour | black | power switch | Light control/manual |
| material quality | stainless steel | | |
| Inducing methods | Light wave/temperature/odor attraction | | |

Solar panel parameters

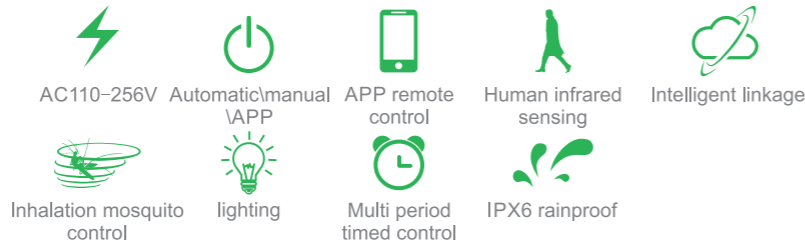
| | | | |
|----------------|--------------|-----------------|------------------------|
| specifications | 340X340X17mm | working voltage | 18V |
| output power | 17W | Chemical Type | single-crystal silicon |

Battery parameters

| | | | |
|----------|------|---------------|-------------------------|
| capacity | 12Ah | Chemical Type | Ternary lithium battery |
|----------|------|---------------|-------------------------|



Optional colors

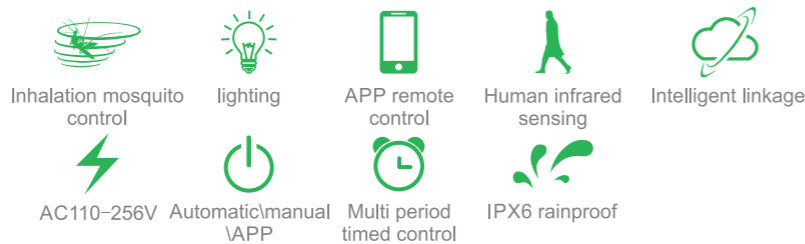


Solar Outdoor Mosquito Lamp H-X5 APP Intelligent version

| | |
|------------------------|--|
| model | H-X5 APP Intelligent version |
| Types of | Wind suction mosquito control |
| function | Mosquito control/lighting |
| Place of use | Universal for outdoor/indoor use |
| material | Stainless steel |
| Product specifications | 300x250x740mm |
| voltage | AC110-256V |
| power | 8.5-12W |
| frequency | 50Hz |
| Capture Range | 150m ² |
| Inducing methods | Light wave/temperature/odor attraction |
| colors | black/bronze |

Packaging

| | | | |
|--------------|-------------------|--------------------|---------------------|
| net weight | 4.75kg | gross weight | 6.56kg |
| Package size | 345 x 345 x 815mm | Packaging quantity | Separately packaged |

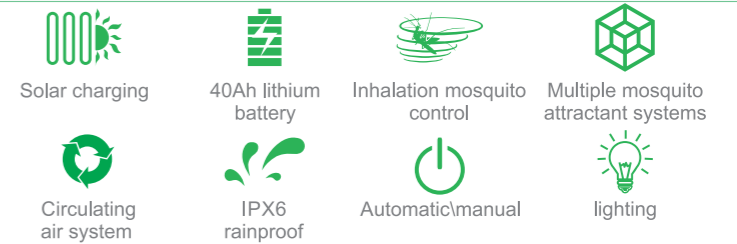


Solar Outdoor Mosquito Lamp H-X3 APP Intelligent version

| | |
|------------------------|--|
| model | H-X3 APP Intelligent version |
| Types of | Wind suction mosquito control |
| function | Mosquito control/lighting |
| Place of use | Universal for outdoor/indoor use |
| material | Stainless steel |
| Product specifications | 260x250x1030mm |
| voltage | AC110-256V |
| power | 8.5-12W |
| frequency | 50Hz |
| Capture Range | 150m ² |
| Inducing methods | Light wave/temperature/odor attraction |
| colors | black/bronze |

Packaging

| | | | |
|----------------------|-------------------|----------------------|---------------|
| net weight | 4.58kg | gross weight | 5.6kg |
| Inner packaging size | 310 x 310 x 560mm | Outer packaging size | 645*328*578mm |
| Packaging quantity | 2 units per box | | |



Solar powered ecological mosquito control system H-X5-TYN(split type)

| | | | |
|------------------|--|----------|---------------------------|
| Types of | Wind suction mosquito control | function | Mosquito control/lighting |
| voltage | 12V~ | power | 8W |
| Capture Range | 150m ² | colors | black |
| material | Stainless steel | | |
| Inducing methods | Light wave/temperature/odor attraction | | |

Solar panel parameters

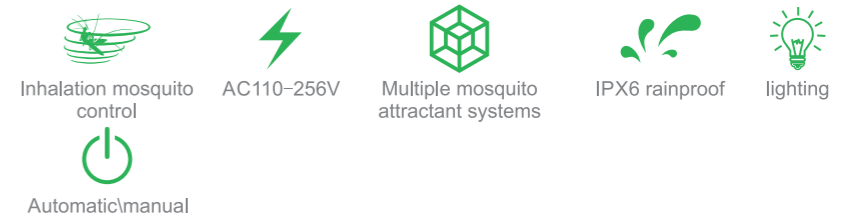
| | | | |
|----------------|--------------|-----------------|------------------------|
| specifications | 340X340X17mm | working voltage | 18V |
| output power | 17W | Chemical Type | single-crystal silicon |

Battery parameters

| | | | |
|----------------|--------------------|-----------------|-------------------------|
| specifications | 150X98X95mm | working voltage | 12V |
| capacity | 12Ah(customizable) | Chemical Type | Ternary lithium battery |

Complete packaging specifications

| | | | |
|-----------------------|--------------------|--------|--------|
| Body packaging size | 345 x 345 x 815mm | weight | 6.56kg |
| Box packaging size | 360 X 360 X 320mm | weight | 12.3KG |
| Column packaging size | 201 X 210 X 1000mm | weight | 2.81KG |

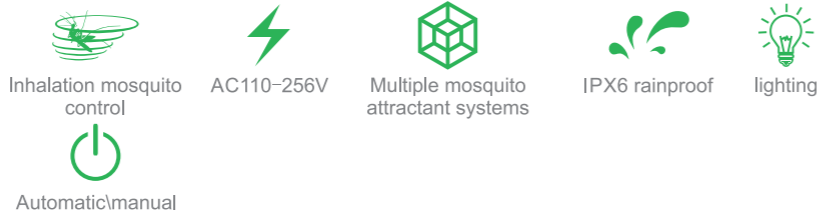


Solar Outdoor Mosquito Lamp H-X5(Starter)

| | |
|------------------------|--|
| model | H-X5 (Starter) |
| Types of | Wind suction mosquito control |
| function | Mosquito control/lighting |
| Place of use | Universal for outdoor/indoor use |
| material | Stainless steel |
| Product specifications | 300x250x740mm |
| voltage | AC110-256V |
| power | 8.5-12W |
| frequency | 50Hz |
| Capture Range | 150m ² |
| Inducing methods | Light wave/temperature/odor attraction |
| colors | black/bronze |

Packaging

| | | | |
|--------------|-------------------|--------------------|---------------------|
| net weight | 4.75kg | gross weight | 6.56kg |
| Package size | 345 x 345 x 815mm | Packaging quantity | Separately packaged |



Solar Outdoor Mosquito Lamp H-X3(Starter)

| | |
|------------------------|--|
| model | H-X3 (Starter) |
| Types of | Wind suction mosquito control |
| function | Mosquito control/lighting |
| Place of use | Universal for outdoor/indoor use |
| material | Stainless steel |
| Product specifications | 260x250x1030mm |
| voltage | AC110-256V |
| power | 8.5-12W |
| frequency | 50Hz |
| Capture Range | 150m ² |
| Inducing methods | Light wave/temperature/odor attraction |
| colors | black/bronze |

Packaging

| | | | |
|----------------------|-------------------|----------------------|---------------|
| net weight | 4.58kg | gross weight | 5.6kg |
| Inner packaging size | 310 x 310 x 560mm | Outer packaging size | 645*328*578mm |
| Packaging quantity | 2 units per box | | |

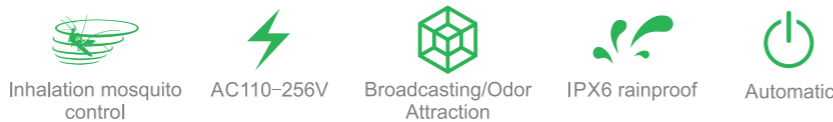


Solar Outdoor Mosquito Lamp W-B02

| | |
|------------------------|--|
| model | W-B02 |
| Types of | Wind suction mosquito control |
| function | Eliminate mosquitoes and insects |
| Place of use | Universal for outdoor/indoor use |
| material | ABS plastic body, hardware suspension components |
| Product specifications | 165x260x390mm |
| voltage | AC110-256V |
| power | 8.5-12W |
| frequency | 50Hz |
| Capture Range | 100m ² |
| Inducing methods | Light wave/odor attraction |
| colors | black/bronze |

Packaging

| | | | |
|----------------------|-------------------|----------------------|---------------|
| net weight | 1.29kg | gross weight | 2.3kg |
| Inner packaging size | 310 x 310 x 560mm | Outer packaging size | 645*328*578mm |
| Packaging quantity | 2 units per box | | |



Solar Outdoor Mosquito Lamp W-B03

| | |
|------------------------|--|
| model | W-B03 |
| Types of | Wind suction mosquito control |
| function | Eliminate mosquitoes and insects |
| Place of use | Universal for outdoor/indoor use |
| material | ABS plastic body, metal pillars, chassis |
| Product specifications | 165x260x920mm |
| voltage | AC110-256V |
| power | 8.5-12W |
| frequency | 50Hz |
| Capture Range | 100m ² |
| Inducing methods | Light wave/odor attraction |
| colors | black/bronze |

Packaging

| | | | |
|----------------------|-------------------|----------------------|---------------|
| net weight | 2.24kg | gross weight | 3.24kg |
| Inner packaging size | 310 x 310 x 560mm | Outer packaging size | 645*328*578mm |
| Packaging quantity | 2 units per box | | |



Solar Outdoor Mosquito Lamp W-B01

| | |
|------------------------|--|
| model | W-B01 |
| Types of | Wind suction mosquito control |
| function | Eliminate mosquitoes and insects |
| Place of use | Universal for outdoor/indoor use |
| material | ABS plastic body, hardware suspension components |
| Product specifications | 165x260x390mm |
| voltage | AC110-256V |
| power | 8.5-12W |
| frequency | 50Hz |
| Capture Range | 100m ² |
| Inducing methods | Light wave/odor attraction |
| colors | black/bronze |

Packaging

| | | | |
|----------------------|-------------------|----------------------|---------------|
| net weight | 1.4kg | gross weight | 2.45kg |
| Inner packaging size | 310 x 310 x 560mm | Outer packaging size | 645*328*578mm |
| Packaging quantity | 2 units per box | | |

Mosquito-trap agent

Self developed, patented formula, essence extracted from natural plants.

Exported globally through international safety RoHS environmental certification.

YWJ-002

Invention Patent Number:ZL 2019 1 0229890.6

YWJ-001

YWJ-003

YWJ-004

RoHS environmental certification.

TEST REPORT

Applicant : FOSHAN CITY SHUNDE TOWN OUKAI ELECTRIAL TECHNOLOGECO., LTD.

Address : NO. 8, Huaafa Rd., Huakou Ronggui Town, Shunde, Foshan, Guangdong, China

Report on the submitted samples said to be:

Sample Name(s) : Mosquito attractant

Trade Mark : GOKDA

Tested Model No. : MC-02

Model List : MC-01 YWJ -04 ,YWJ-03 , YWJ-02, YWJ-01

Sample Received Date : May 22, 2024

Testing Period : May 22, 2024 ~ May 27, 2024

Date of Report : May 27, 2024

Test Location : 901, No. 40 Building Xialang Industria Zone, Heshuikou Community, Matian Street Guangming District Shenzhen, Guangdong, China

Results : Please refer to next page(s).

TEST REQUEST

As specifically client based on the performed test on submitted sample, the result of Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr (VI)), PBBs, PBDEs, Dibutyl Phthalate (DBP), Butylbenzyl Phthalate (BBP), Di-2-ethylhexyl Phthalate (DEHP) and Diisobutylphthalate (DIBP) content comply with the limit set by RoHS Directive 2011/65/EU with amendment (EU) 2015/863.

CONCLUSION

PASS

Signed for product release by Terry, Luo

Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 901, No. 40 Building Xialang Industria Zone, Heshuikou Community, Matian Street Guangming District, Shenzhen, Guangdong, China

Tel: +86 (0) 755-82591310 E-mail: zhehuai@lcs-cert.com Web: www.lcs-cert.com

Scan code to check authenticity

Document No: TRF-1-R-022 Ver. A/0

[scope of application]

The product has strong attraction to mosquitoes such as Aedes, Culex pipiens pallens, Culex fatiguus, Culex tritaenoides, Anopheles sinensis, and Anopheles mirabilis. When used in combination with mosquito control equipment, it can significantly enhance the killing effect of the equipment.

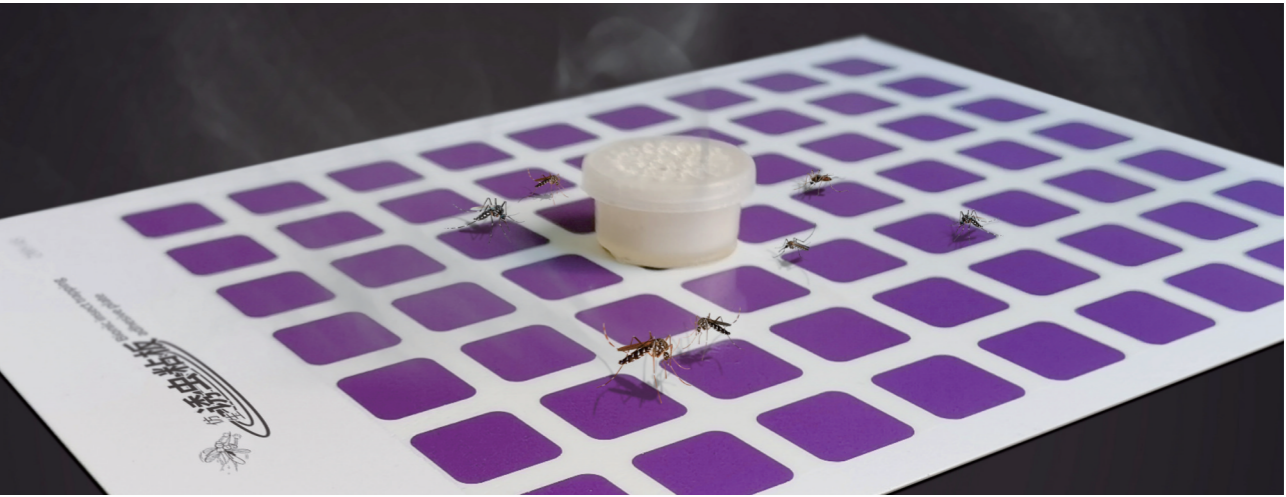
[Usage]

After opening the packaging bag, use a toothpick to puncture the honeycomb hole on the plastic cover, and then place it in the designated position of the mosquito killing equipment.

Ingredients: Plant extracts Effective substance ≥ 93.6 (%)
Non-toxic: non-toxic and harmless

Storage method: sealed, at room temperature, moisture-proof, and away from light.

Midge attractant



Patent formula with added mosquito and fly attractant ingredients on the surface adhesive.

In addition, it can be paired with attractants to double the effectiveness, expand the capture range, and ensure safe use.

Sticker size: 148*210mm

GOKDA

诱虫粘板 Bionic insect trapping adhesive plate ZWY-A5

As specifically client based on the performed test on submitted sample, the result of Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr (VI)), PBBs, PBDEs, Dibutyl Phthalate (DBP), Butylbenzyl Phthalate (BBP), Di-2-ethylhexyl Phthalate (DEHP) and Diisobutylphthalate (DIBP) content comply with the limit set by RoHS Directive 2011/65/EU with amendment (EU) 2015/863.

CONCLUSION

PASS

Signed for product release by Terry, Luo

Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 901, No. 40 Building Xialang Industria Zone, Heshuikou Community, Matian Street Guangming District, Shenzhen, Guangdong, China

Tel: +86 (0) 755-82591310 E-mail: zhehuai@lcs-cert.com Web: www.lcs-cert.com

Scan code to check authenticity

Document No: TRF-1-R-022 Ver. A/0

Mosquito trap



Double the odor and moisture to enhance the attraction effect of mosquitoes and insects

Based on the breeding habits of mosquitoes, simulate their preferred breeding environment and lure them into traps where they are firmly trapped by sticky insect boards, thus achieving trapping.

usage method:

- Tear off the white film on the surface of the sticky insect board and fold it into a 90 degree clip onto the inner wall of the bucket. Quantity: 2 pieces.
- Remove the honeycomb plastic cover of mosquito attractant, tear off the opening film, and then cover it with the honeycomb plastic cover,
- Placed in the middle of the mosquito trap.
- Add water and a small amount of salt (not higher than the sticky paper slot) to the mosquito trap.

Mosquito trap parameter

| | |
|------------------------|---|
| Product specifications | 15*11*21cm |
| Barrel material | plastics |
| safety | Safe and non-toxic |
| Product composition | 2 insect attractant boards, 1 mosquito attractant, and 1 hook screw |
| usage | Placing or hanging |
| Capture types | Aedes albopictus, Anopheles mosquitoes, Culex mosquitoes, Fungus mosquitoes (small black flies), Midge insects (small bites), Fruit flies and other insects |

Packaging

| | |
|----------------------|--------------|
| Outer packaging size | 40*30*17CM |
| Packing quantity | 7 sets/piece |



Photoelectric mosquito repellent system

One machine has multiple functions

| | | | |
|--------------------|------------------|----------------|-------------|
| 01 | 02 | 03 | 04 |
| Mosquito repellent | air purification | humidification | Night Light |



One click switching
3 modes and 8 working states.



- 1 | Continuous spray
- 2 | Intermittent spray



- 3 | Mosquito repellent strong light
- 4 | Mosquito repelling bright light +spray
- 5 | Mosquito repelling bright light +intermittent spray



- 6 | Mosquito repellent glow
- 7 | Mosquito repellent twilight+spray
- 8 | Mosquito repellent twilight+intermittent spray



Long press to switch modes


Usage scenario:
Outdoor activities, fishing,courtyard, bedroom.

Three modes to deal with different mosquito situations.



Paired with GOKDA plant aromatherapy, the effect is even better!


Installation recommendations




43mm

147mm


73mm




Mosquito repellent



low noise



Easy to carry



multipurpose


Photoelectric mosquito repellent systemGDQW-Q1

Machine parameters

| | |
|------------------|--------------------|
| Model | GDQW-Q1 |
| Product size | 73*43*147mm |
| Function | Mosquito repellent |
| Battery capacity | 1800mAh |
| INPUT VOLTAGE | 5V |
| Power | 1.6W |
| Cup capacity | 130mL |
| Spray amount | 30-50mL/h |
| Expulsion range | 10-20m' |
| Colour | orange |


Packaging

| | | | |
|----------------------|--------------|----------------------|---------------|
| Inner packaging size | 73*73*150mm | Outer packaging size | 385*230*319mm |
| Packaging quantity | 30 units/box | | |




92mm


39mm




Plant extract essential oil



Easy to use



Fresh air



Mild odor

Plant aromatherapy ZWXX-01 parameter

| | |
|--------------------|---|
| model | ZWXX-01 |
| Product size | 39*32*92mm |
| Usage | 1. Open the bottle cap and spray directly for use. 2. It can be used in aromatherapy machines, diffusers, humidifiers, and photoelectric mosquito repellent systems. |
| Ingredients | Lemongrass essential oil, lemongrass essential oil, mugwort essential oil, tea tree essential oil, peppermint essential oil, plant extract, deionized water, solubilizer. |
| net content | 40mL |
| period of validity | 3 years |

Packaging

| | | | |
|------------------------|---------------|--------------------|-----------------|
| Product packaging size | 39*39*93mm | | |
| Inner packaging size | 204*85*101mm | Packaging quantity | 10 bottles/box |
| Outer packaging size | 443*215*217mm | Packaging quantity | 100 bottles/box |

RoHS MSDS



When the insect eggs turn into young mosquitoes and fly out of the water, their flight distance can reach 80-100 meters. When flying 80-100 meters, they will find a foothold to stay (on the green belt) and then make a second flight. If we install outdoor mosquito control equipment within 80-100 meters of mosquito breeding sources, then we effectively provide a layer of protective measures to the surrounding environment to prevent a large number of mosquitoes from flying to office areas, commercial areas, schools, residential areas Harassment in leisure and entertainment areas and other places.

Select control points that require the installation of mosquito control equipment based on the physiological cycle and habits of mosquitoes

- Mosquito breeding sources within 80-100 meters.
- Installed opposite the entrance and exit.
- Try to install it on the green belt as much as possible.
- Install control along the water area. Water bodies and humid environments are breeding grounds for mosquitoes and insects, and it is necessary to densely control the area to reduce mosquito infestation from the source.
- Avoid installing in areas illuminated by strong lights at night.

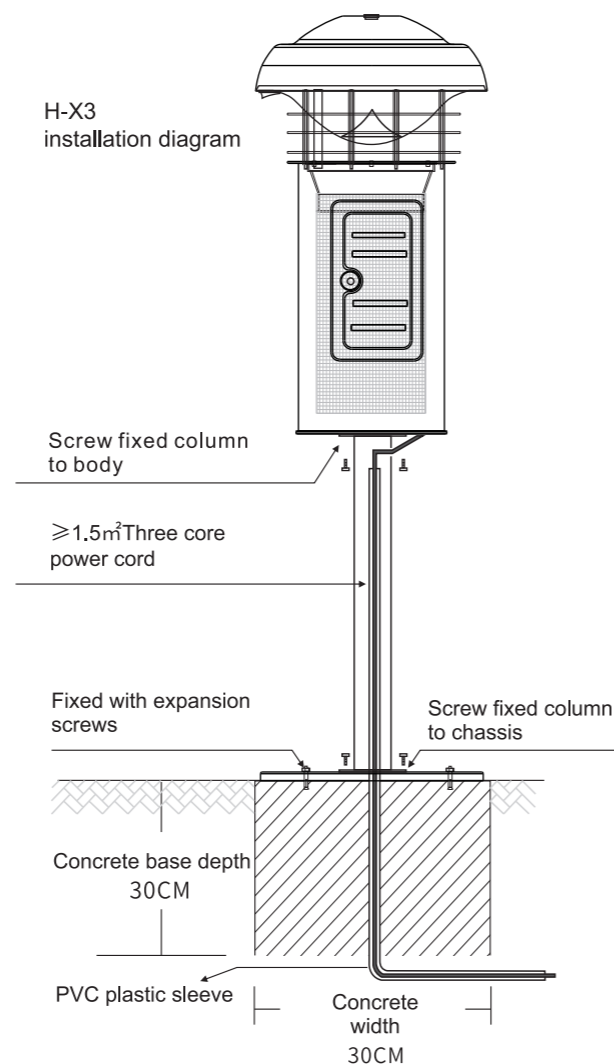
installation diagram



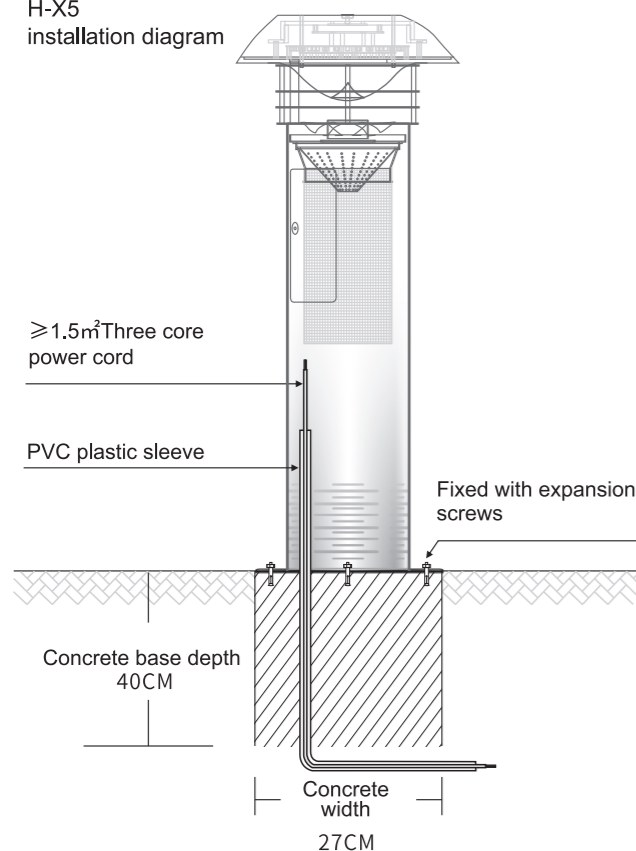
Installation precautions for 110-256V power supply

- ⚡ The product installation should be connected to a ground wire, and a three core plastic power cord of $\geq 1.5 \text{ m}^2$ must be used. The PVC protective tube wrapped outside the power cord cannot be exposed and needs to be deeply buried. Below about 20 centimeters, the interface should be waterproof, and the power supply must be equipped with a leakage protection switch.
- ⚡ If the product is installed on a muddy ground, a cement base must be built (please refer to the installation diagram for details). The product should be installed perpendicular to the ground and not tilted. The base should be fixed with nuts or expansion screws.

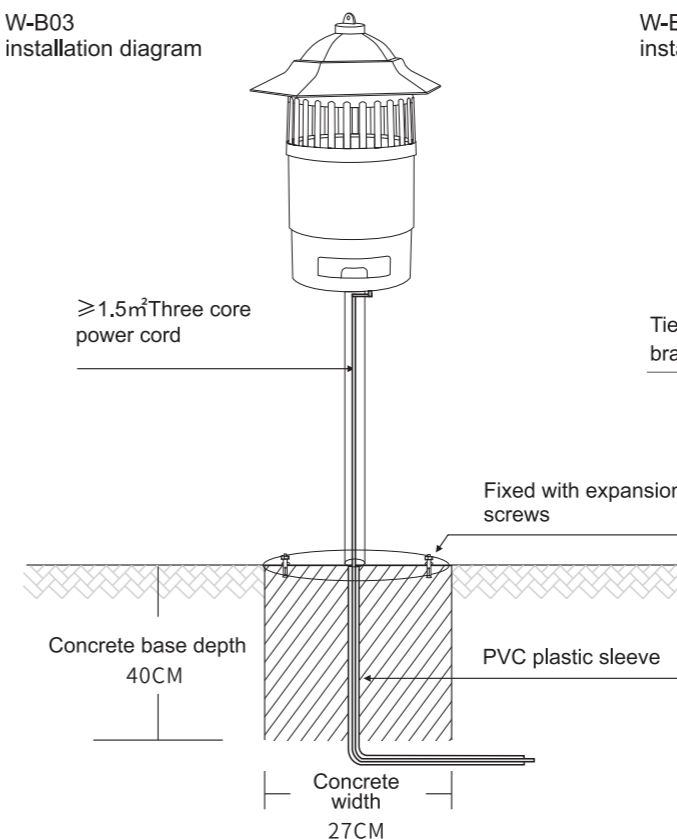
H-X3 installation diagram



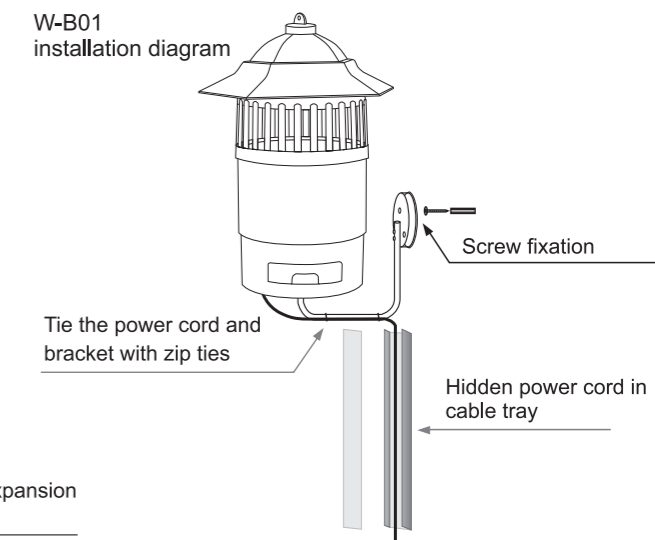
H-X5 installation diagram



W-B03 installation diagram

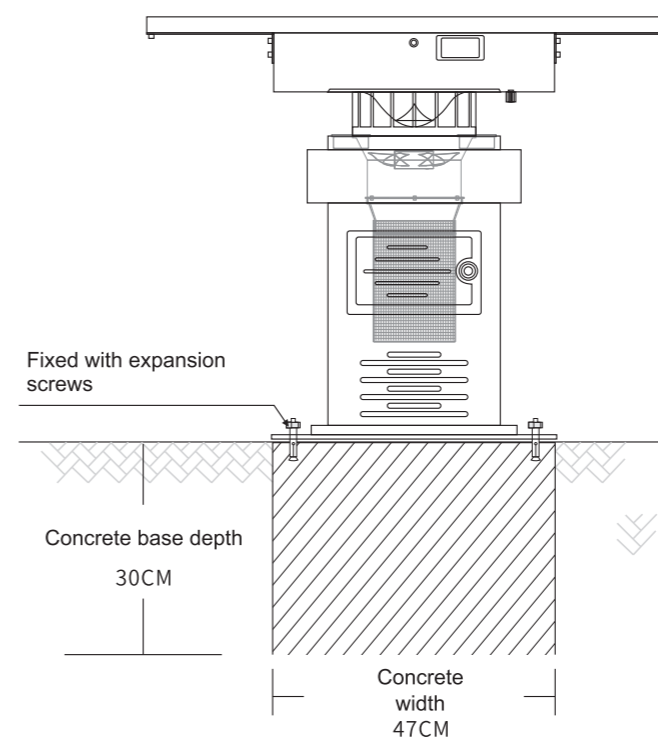


W-B01 installation diagram



Installation precautions for solar mosquito control system

- ☑ The solar energy component must be installed in a well lit and unobstructed area.
- ☑ The solar cell module faces due south, ensuring that the solar cell module faces the light all the way up. There are no obstructions or shadows in the sky.
- ☑ When it is not possible to meet the requirement of no obstruction throughout the day, it is necessary to ensure no obstruction between 9:30 and 15:30.



- ⚡ Pay attention not to reverse connect the positive and negative terminals of the solar panel, battery, and mosquito control system power supply (see the product power supply wiring diagram on the right for details). After wiring, check if there are any problems with the circuit and if the system can work properly.

- ⚡ If the product is installed on a soil ground, a cement base must be built to ensure a solid and reliable foundation. The product should be installed perpendicular to the ground and not tilted. The base should be fixed with nuts or expansion screws (refer to the installation diagram).

Installation process

on-the-spot investigation

Check the internal and external environment of the installation site. Green belts, water areas, and humid environments are all breeding grounds for mosquitoes and insects



Drawing control installation position

Combined with landscape greening effect map layout and control



Verify rationality

Communicate the required model and quantity for installation



Installation and debugging



maintenance

Replace mosquito attractants, clean mosquito carcasses in net bags, and clean equipment dust.



