

**UVC**

**Mini Kits**

**The Most Effective  
Disinfection For  
MINI-SPLITS**

# UVC

Mini Kits

The Most Effective  
Disinfection For  
**MINI-SPLITS**



## Benifits:

- Kill virus and nasty bacteria
- Maintain a clean mini-split system
- Extend lifes of a mini split system
- Improve indoor air quality
- Reduce Maintenance Cost

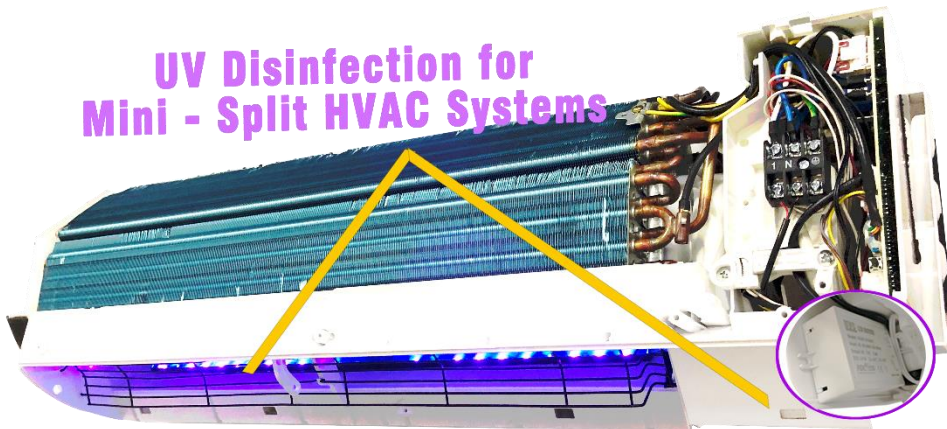
**Stops bio-growth on fan,  
coil and other surfaces, and  
related bad odors.**

## Features:

- Designed to fit major brand
- Super Compact / High Intensity
- Easy fit with simple installation
- 85-265 VAC wide range power supply
- Cut-to-length LED strip design
- Water resistance / Heat dissipation
- 10,000 hours+expected LED life
- Three years system warranty



UV Disinfection for  
Mini - Split HVAC Systems



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**NEWEX**  
Experience New

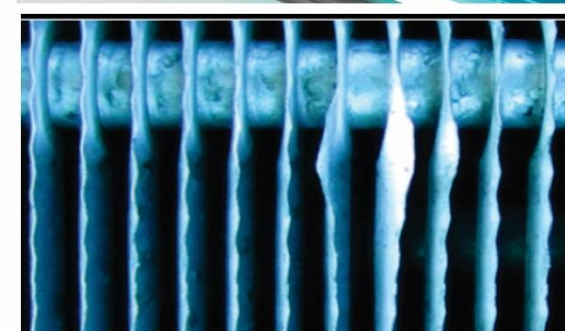
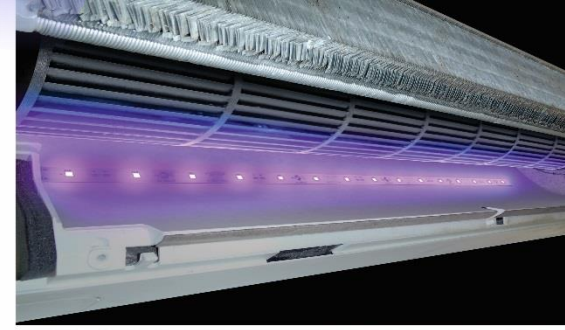


**Dirty**  
**Nasty**  
**Polluted**

**Air System**

**Causes**

**Disease**  
**Discomfort**



**Clean**  
**Green**  
**Fresh**

**AIR QUALITY**

**makes**  
**Healthy**  
**Happy**



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Mini Split

Applicable for  
Air System:



Floor Ceiling



Cassette

Kits Code	Model Code	LED Dim.(mm)	Driver Dim.(mm)	LEDCable Length(mm)	PowerCable Length(mm)	Match AC Capacity
NUV-92M	CL-17	10x 15 x 600	22 x 41.2 x 60	350	450	9K- 12K
NUV-84M	CL-18	10x 15 x 800	22 x 41.2 x 60	350	450	18K- 24K
NUV-06M	CL-19	10 x 15 x 1000	22 x 41.2 x 60	350	450	24K- 36K
NUV-86M	CL-20	10 x 15 x 1200	22 x 41.2 x 60	350	450	36K- 60K

**NEWEX**  
Experience New





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**Suitable for places:**



**Improve Indoor Air Quality**



**Shopping**



**Living Room**

**Public**



**Stores**



**Offices**



## This is not only a UV LED!



Specifications	NUV-92M	NUV-84M	NUV-06M	NUV-86M
Model Code	CL-17	CL-18	CL-19	CL-20
Electrical	INPUT: AC 85-265V 50/60HZ; OUTPUT: DC 12V 2A 24W; BF>0.5; Tc <80°C			
LED Input Power	5.04W	6.72W	8.4W	10W
Current	0.42A	0.56A	0.7A	0.84A
Voltage	12V	12V	12V	12V
Kits Include	LED strip(UVA+UVC), LED driver, Strip Cabinet, Bushing block, 3M sticker, Wire base, Screw, Warning sticker, Manual, Cleaning Cloth			



Disinfection



Silence



Virus-Killing



Clean Air



Recycle



Safety

## It is a virus killer!

## It is a safe guard!

## It is a cost saver!

## It is a clean trust!

## It is a COVID-19 eliminator!

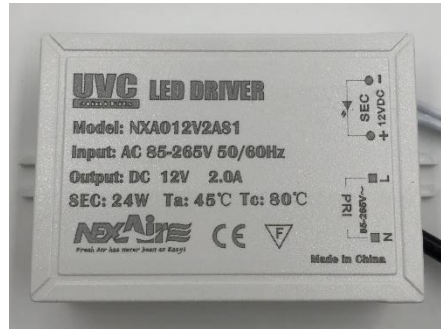
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**NEWEX**  
Experience New



**Quality Driver**



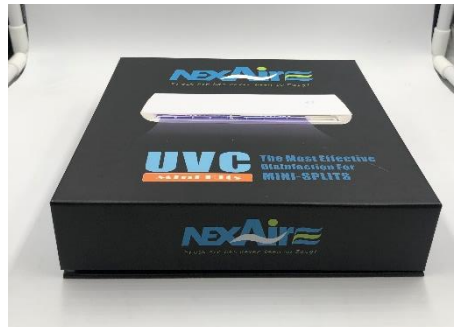
**This is a product  
from heart**



**Water Proof**



**UVC+UVA LED**

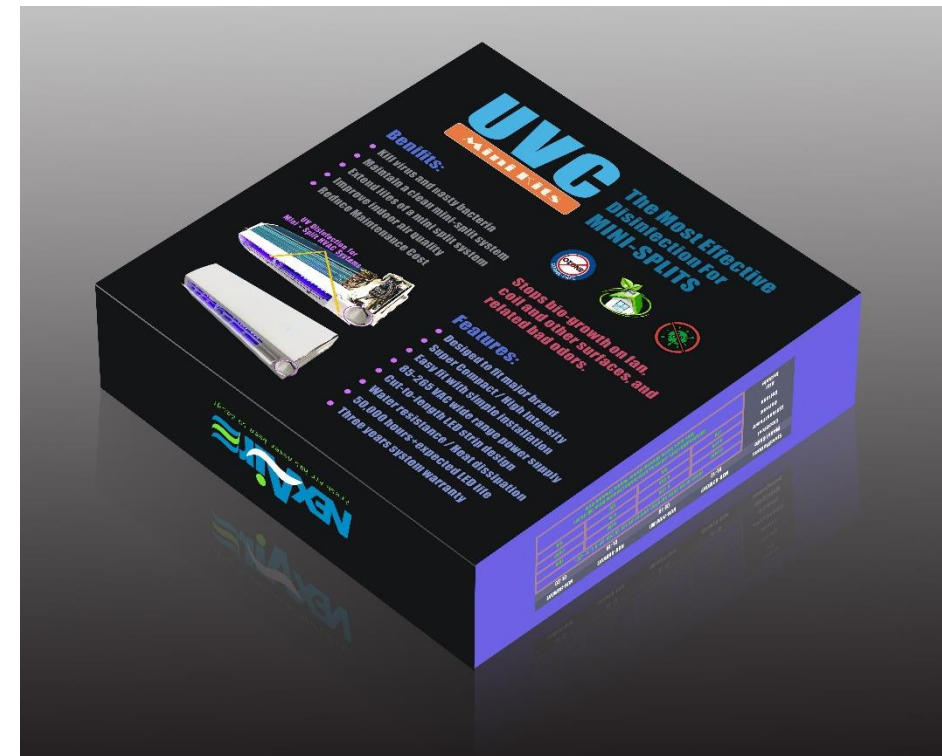


**Gift Design**



**Quick Connector**

# This is gift from heart!



# Love her, take this health gift!



## Packing Dimension

Model: NVU-84M



## Optional Controller

### RF Remote Controller

Easy  
Remote  
Smart



Anywhere, at your will

**Extra US\$5**



### Wired touch Switch

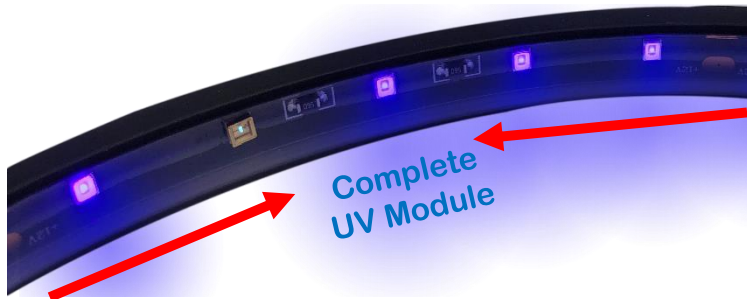
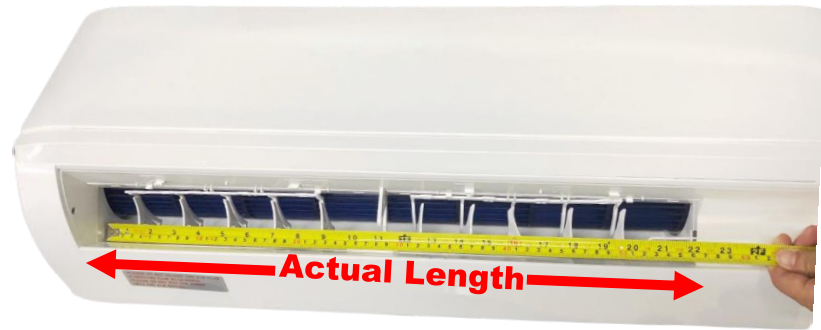
Wired  
Touch  
Elegant



Easy touch, easy switch

**Extra US\$2.5**

## Cut-to-length Instruction



### UV Module Design



### First Cut Point (Most Recommended)

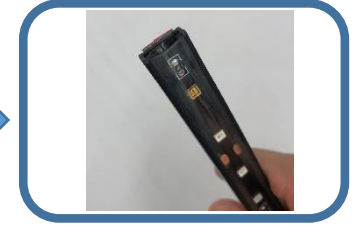
### End with bushing



Take off Bushing



Cut at point



Test cut point



Seal Bushing



Push tightly



Insert bushing

**Important: when ordering with us,  
We provide factory pre-cut services if you have your specific actual length.**



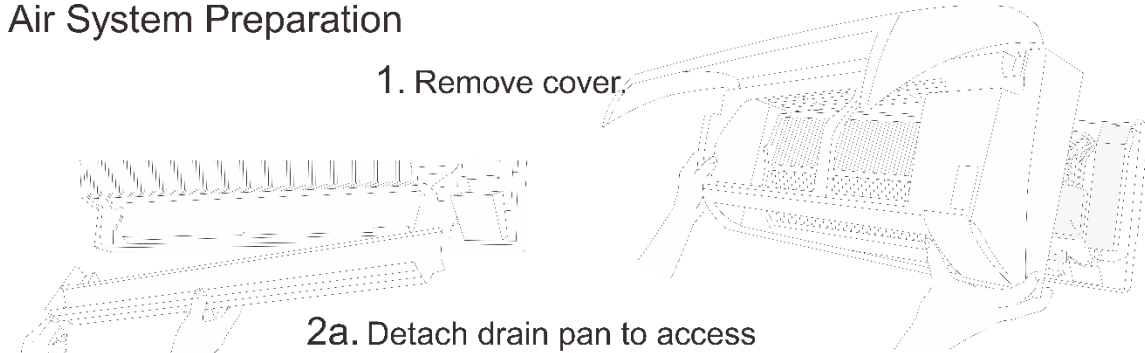


# The Most Effective Disinfection For MINI-SPLITS

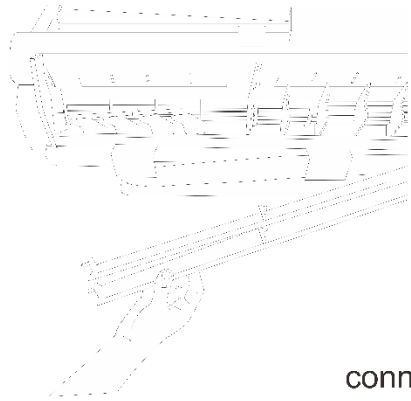
## Simple and easy to install

### Air System Preparation

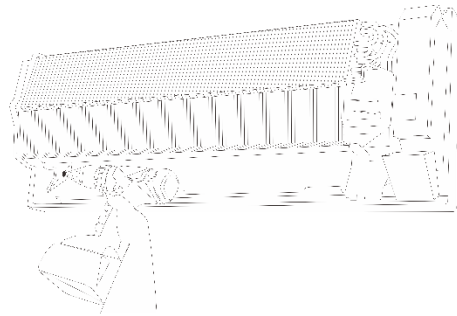
1. Remove cover.



2a. Detach drain pan to access the area behind it.



2b. For systems with non-removable drain pan, remove louvers and grills to access the area behind.

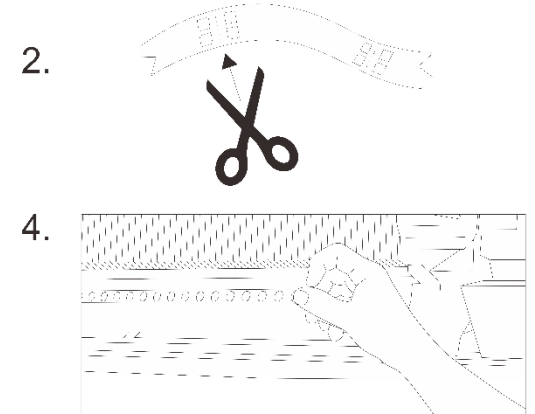
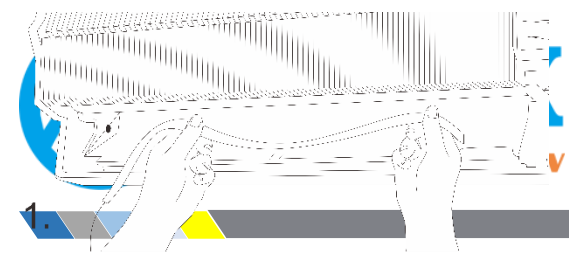


connector cable through

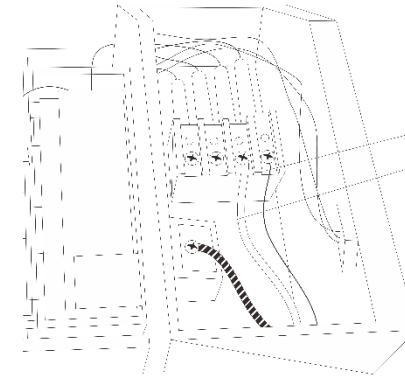
### LED Strip Mounting

Strip and clean that area with the alcohol wipe.

2. If needed shorten the LED strip by 4" segments (cut only between copper squares on strip).
3. Pass the connector cable through the drilled hole.
4. Peel off paper from the adhesive backing on the LED strip a few inches at a time and press it down firmly onto the clean surface.

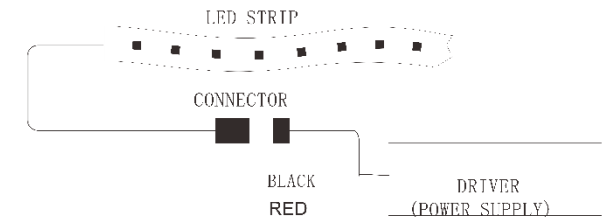


### Power Supply Installation



1. Remove the control box cover and connect the wiring harness as shown.  
LED Driver wiring
  - Black to hot terminal
  - Red to neutral (typically S1 & S2)

Note: Some indoor systems may require additional wiring to provide line voltage to the UVC MINI KITS power supply.



\* UVC MINI KITS comes with a wide voltage 85-265 VAC driver (power supply)

harness connector into the power supply.



3. Insert the UV lamp cable connectors and wiring

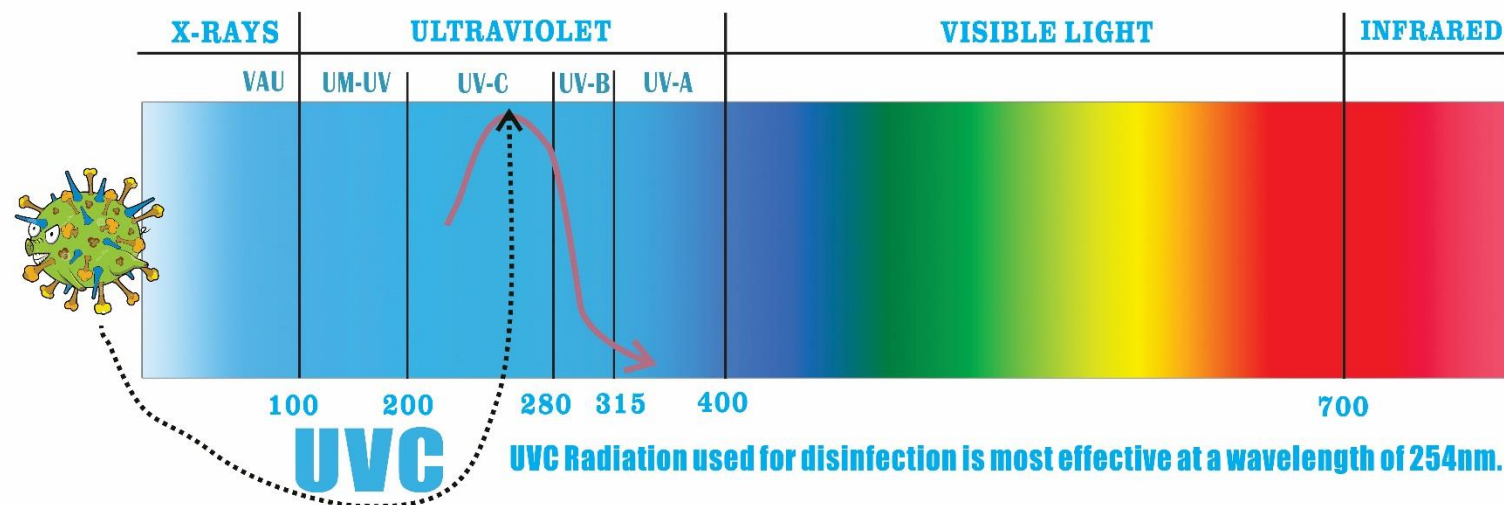
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### Why UVC LED?



**Virus Killing Rate:**

**> 99.9%**

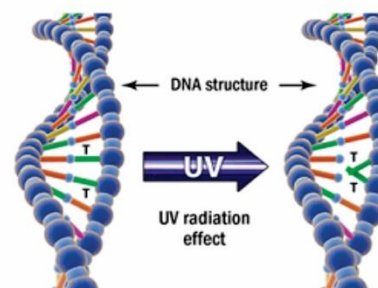
**5 minutes<**

**No Ozone**

**No Toxic**

**Scientific studies say:**

The entire UV spectrum can kill or inactivate many microorganism species, preventing them from replicating. UVC energy at 253.7 nanometers provides the most germicidal effect.



When exposing microorganisms to UVC light, the light penetrates through their cell wall and disrupts the structure of their DNA molecules, prohibiting reproduction.

**NO HARM TO HUMAN:**



广微测  
Gmicro Testing

201819000883

中国认可  
国际互认  
检测  
TESTING  
CNAS L1747

## GUANGDONG DETECTION CENTER OF MICROBIOLOGY

## 2. Test Result:

Test Organisms	Test groups	Average number of positive controls (cfu/pcs)	Average number of testing groups (cfu/pcs)	Killing rate (%)	Sterilization logarithm
<i>Escherichia coli</i> 8099	1	$4.7 \times 10^6$	$1.8 \times 10^5$	96.17	1.41
	2	$4.5 \times 10^6$	$1.9 \times 10^5$	95.78	1.37
	3	$4.4 \times 10^6$	$1.9 \times 10^5$	95.68	1.36
<i>Staphylococcus aureus</i> ATCC 6538	1	$2.7 \times 10^6$	$1.3 \times 10^5$	95.19	1.32
	2	$2.6 \times 10^6$	$1.2 \times 10^5$	95.38	1.34
	3	$2.4 \times 10^6$	$1.2 \times 10^5$	95.00	1.30
<i>Streptococcus pyogenes</i> ATCC 19615	1	$1.5 \times 10^6$	$9.5 \times 10^4$	93.67	1.19
	2	$1.7 \times 10^6$	$9.5 \times 10^4$	94.41	1.25
	3	$1.5 \times 10^6$	$9.7 \times 10^4$	93.53	1.18

## 2. Test Result:

Test Organisms	Test groups	Average number of positive controls (cfu/pcs)	Average number of testing groups (cfu/pcs)	Killing rate (%)	Sterilization logarithm
<i>Pseudomonas aeruginosa</i> ATCC 9027	1	$4.5 \times 10^6$	$2.1 \times 10^5$	95.33	1.33
	2	$4.2 \times 10^6$	$2.1 \times 10^5$	95.00	1.30
	3	$4.4 \times 10^6$	$2.3 \times 10^5$	94.77	1.28
<i>Salmonella paratyphi-B</i> GIM 1.224	1	$3.9 \times 10^6$	$1.9 \times 10^5$	95.13	1.31
	2	$4.3 \times 10^6$	$1.9 \times 10^5$	95.58	1.35
	3	$4.1 \times 10^6$	$1.8 \times 10^5$	95.61	1.35
<i>Shigella sonnei</i> NICBPB 51592	1	$3.4 \times 10^6$	$1.7 \times 10^5$	95.00	1.33
	2	$3.6 \times 10^6$	$1.9 \times 10^5$	94.72	1.28
	3	$3.4 \times 10^6$	$1.9 \times 10^5$	94.41	1.25





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## **Frequently asked Questions:**

### **Does UV-C work?**

**Re: Yes, thousands of references to this effectiveness can be found in literature and in actual applications**

- Extended Abstract from NIOSH and the University of Cincinnati wherein UV-C was tested against the heartiest of bacteria.
- Tulsa University study conducted at the Public Service Company of Oklahoma wherein a 2log (99%) reduction of surface and airborne mold was achieved using UV-C lighting.

UV-C is used worldwide, more in other countries per capita than in the US.

### **Is UV-C harmful?**

**Re: Yes, UV-C is harmful to all organic matter including human beings.**

- Even brief exposure can result in skin irritation and/or eye irritation that could lead to serious consequences after prolonged exposure.
- We take great pains to provide the utmost in safety precautions and designs that incorporate meticulously designed safety interlocks.

Indirect lighting from the UVC is not regarded as harmful to human being!  
Moreover, it is mounted in the ceiling and far enough for possible harm.

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**Thank you!  
Appreciate!  
Enjoy the fresh air!**

**NEXAair**  
*Fresh Air has never been so Easy!*

Sales Manager: Mr. Justin  
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<https://www.philexi.com>