



UV AIR SANITIZER

USER GUIDE

MAFABioS18W

 *Read before use. Improper use can cause damages.*

(800) 858-5374 | www.mammothhome.com

CONTENTS

APPLICATION	1
SAFETY CONSIDERATIONS	1
COMPONENT FUNCTIONS	2-3
GENERAL	4
POWER RATINGS	4
CONNECTING POWER	4
INSTALLATION	5-6
ISSUE OR REPLACE NOTIFICATION	7
UV-C LAMP REPLACEMENT	7
UV-C LAMP DISPOSAL	8
MAINTENANCE	8
WARRANTY	9

APPLICATION

The Mammoth UV Air Sanitizer delivers 2 x 9 watts (or 18 watts) of sanitizing UV power to the HVAC units that circulates air throughout the home.

The ballast and lamp is powered a 12V power supply that plugs directly to the 110V to 240V outlet. Because this device utilizes 12V low voltage power, you no longer have to worry about risk of shock, fire or code compliance.

This also makes the operation and installation very safe and affordable. In most circumstances, user can install the device directly with a few tools. However, we always suggest user to allow professional installer to install the product without causing any damage to any other parts of the HVAC system.

The Mammoth Air Sanitizer can be installed from the exterior of HVAC system. To install, affix the installation instructions and guide at the intended site, drill two holes and mount the fixture and plug it to a suitable wall outlet.

Fixture is meant to operate continuously to avoid growth of mold and bacteria, etc. under optimum conditions even when A/C-Heating unit itself is off.

SAFETY CONSIDERATIONS

Improper installation, adjustment, alteration, service, maintenance, or use can cause fire, electrical shock, or other conditions which may cause personal injury or property damage. If you have questions or difficulty in installation please consult with a licensed electrician or contractor.

Follow all safety codes, wear safety glasses and work gloves. Read all instructions thoroughly before installation and operation of the unit.



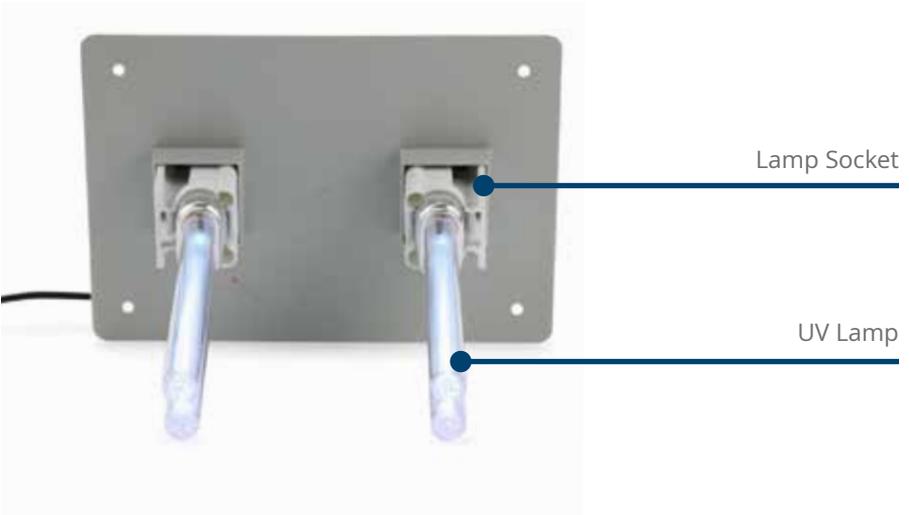
WARNING

Before installing or servicing this unit, turn off all power to both the heating/air conditioning unit. Do not plug in the power adaptor to the wall outlet until the Mammoth UV Air Sanitizer is fully installed.

Never expose eyes directly to UV. Read all materials before starting.

COMPONENT FUNCTION

FRONT



Parts	Description
Lamp Socket	Fits Mammoth 9W UV Lamps
UV Lamp	Two (2) 9 Watt UV Lamps

COMPONENT FUNCTION

BACK



Mounting Hole

LED Indicator Lights

Power Cord

Parts	Description
Mounting Holes	Holes for mounting screws.
Power Light	Signals device is on & functioning.
Replace Bulb Light	When LED does not light up signals UV lamp is not functioning. Check lamp or replace.
Power Cord	12V low voltage power adaptor.

GENERAL

1. Mammoth UV Air Sanitizer can be used in any part of the air duct to sterilize the air. The most common area for installation is in the supply duct and mixed air plenums (ductwork) or any combination of locations. If installed on the return side, it should be at least 18" from any filter.

For a more Advanced Installation: if it is known exactly where the coils, refrigerant line, fan, drain pan and other component are located, and the installation hole can be drilled without affecting any of these or other components, the Mammoth UV Air Sanitizer can be installed near any of those components.

Mammoth Home Selection is not responsible for any damage to HVAC if installation is installed in Advanced Installation areas.

2. Check first for power availability of an 110V-240V wall socket.

POWER RATINGS

The Mammoth UV Air Sanitizer is rated at 12VDC, which is stepped down from the 110V-240V wall outlet by the included 12V Adapter.



CAUTION

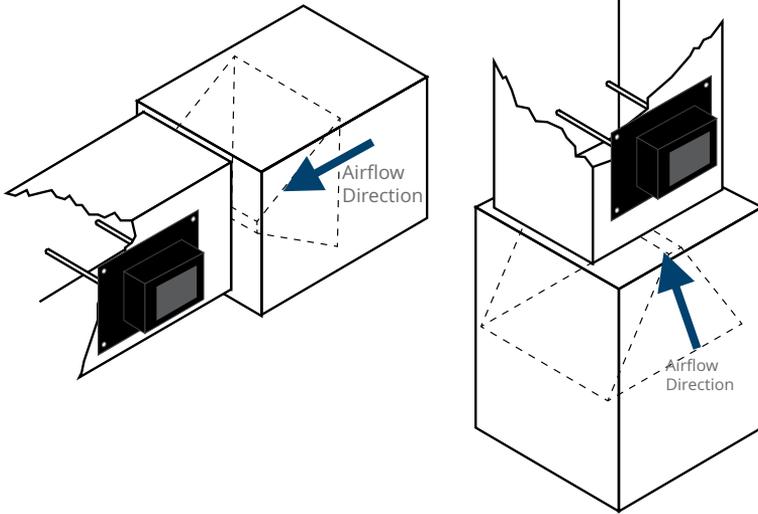
Disconnect power **BEFORE** installing or removing the UV bulbs.

CONNECTING POWER

A 12VDC Adapter is provided with your purchase. Plug adapter into 110V-240V wall socket and secure.

INSTALLATION

DESIGNED FOR METAL DUCTWORK AND PLENUM



1. Once the mounting location is identified, apply the Installation Template sticker to the surface and use template to locate position to cut hole.
2. Use the drill or metal shear to cut the openings for the UV lamps.
3. Double check to ensure proper fitment of the unit.
4. Install the screws to affix the Air Sanitizer as per Photo E.
5. Plug in the power for the fixture and power on the device.



CAUTION

Do not drill into refrigerant line or fan, etc. After cutting hole avoid sharp edges.

INSTALLATION

DESIGNED FOR METAL DUCTWORK AND PLENUM

PREPARATION

Place the included label on desired location and prepare for installation.

Cut hole only in ductwork to prevent accidental cutting of wires or refrigerant pipes

STEP 1:



Use a 2-1/4" drill to create two openings

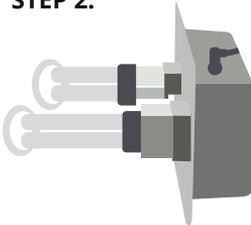
STEP 1:



OR

Make a starting hole and then use a metal shear to create two openings

STEP 2:



Test fit the device to ensure proper fit for flush mount

STEP 3:



Use sheet metal screws provided to secure the UV air sanitizer

LED INDICATOR LIGHTS

The LED's indicate that the UV lights are ON. If the left or right light is NOT on, the LED in the front will NOT be on. The indicator light might not be working due to no bulb is inserted, the bulb is defective or the ballast inside is defective. To verify if you need to replace the ballast or the bulb, switch the bulb first to a new bulb or bulb you know works. If it does, no further action is needed. If it does not, the ballast should be replaced.

Once the issue has been resolved, there is no need to reset the fixture. The fixture will automatically detect the problem has been resolved and user can confirm by ensuring the LED light is solid ON.

UV-C LAMP REPLACEMENT

To Remove Old UV Lamp:

1. Turn OFF fixture and unplug the 12V DC Adaptor from the wall power supply outlet.
2. Remove the screws holding the fixture onto the air duct.
3. Pull out both UV lamps (we recommend installing both new UV lamps at the same time)

To Install New UV Lamp:

1. Insert the new UV Lamp into the Lamp Socket.
2. With the 4 metal screws, re-screw the fixture onto the air duct.
3. Plug in the power supply and turn device ON.



NOTE

Do not attempt to remove or install UV lamp while the Mammoth UV Air Sanitizer is on. Turn **OFF AND UNPLUG** power before servicing the fixture.

UV-C LAMP DISPOSAL

Visit www.Earth911.com for your local or state waste management program and information about where to dispose the used UV Lamp.

Contact your Local hardware stores, home improvement stores and other retailers who sell UV and fluorescent bulbs. Many stores allow customers to drop off used bulbs for recycling.

If you cannot recycle, and if it is acceptable with your local agency, you may seal the bulb in a plastic bag and put in trash for collection.

MAINTENANCE

UV lamps should be replaced on an annual basis or when the sanitizer prompts user of issue. While there still may be visible blue light, the output of UV light will have decreased significantly (the UVC wavelength is invisible).

You can reorder on www.mammothhome.com

Lamp part numbers: MAFA18WUV



WARRANTY

1 Year Limited Replacement Warranty

Mammoth Home Selection warrants that the product will be free from manufacturing defects for a period of one year from the date of its original retail purchase.

How Long Is the Coverage?

This warranty is for a period of one year from the date of its original retail purchase. This warranty is not transferable and coverage terminates if you sell or otherwise transfer the product.

What Will the Manufacturer Do?

If product prove to have a manufacturing defect within the warranty period, when used as directed, manufacture will, at its sole discretion, either repair the defective product by asking the customer to return the product or replace the product with one of the following: 1) a brand new item without retail packaging, if available, 2) a substitute item with customer approval, if original item is no longer available. The replacement product will be covered by the remaining period of the original warranty.

What Does This Warranty Not Cover?

This limited warranty excludes any and all and any problem/damage arising from (a) abuse, misuse, neglect, or accident; (b) alteration of the product or any component thereof; (c) shipping; (d) improper installation, operation, or maintenance; (e) use of any parts from another manufacturer; or (f) problems or damages due to natural disasters, force majeure events, or an act of God event.

Warranty Void

The warranty is void if the serial number or date of purchase is illegible or the warranty claim is not timely made.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. To the extent permissible by applicable law, manufacture shall not be liable under any legal theory for indirect, incidental, special, consequential, or other similar damages that may arise, including lost profits, damage to person or property, loss of use, or inconvenience. Your sole remedy shall be limited to the repair or replacement of the product, at manufacture's discretion.

How Do You Make a Claim?

In order to be eligible for service under this warranty, within 30 days of discovering a manufacturing defect that falls within the warranty period, please submit a warranty request online along with uploading a proof of receipt.

RETURNS RECEIVED 30 DAYS OR MORE AFTER THE CLAIM FILE HAS BEEN OPENED MAY BE REFUSED AND RETURNED AT YOUR EXPENSE.



For technical questions please call:

(800) 858-5374

Visit our website:

www.mammothhome.com

© Mammoth Home Selection™
2020. v012020

All rights reserved.

No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Mammoth Home Selection™.