



BioShield®
Ultraviolet Treatment Systems

18 Watt BioShield (110V)
sku **MAFABioS18W**

Where to Use Install in return air, coil, and blower cabinet or supply duct.

What's Included

- 2x 9Watt UV Lamps
- BioShield Machine
- 110V Power Adaptor (24VDC)
- 4 Sheet Metal Screws
- Air Seal Strips
- Installation Template

Questions? Need help?

www.BioShieldUV.com

(307) 364-0340

Mon - Fri 10 am to 7 pm



EPA Establishment Number 99470-CHN-1

Safety Precautions

- Before installing, performing maintenance or service on the purifier, turn off the main power switch to the unit. **Electrical shock can cause injury or death.** There may be more than one disconnect switch.
- The UV Lamp contains a small amount of mercury. If a lamp breaks, clean and dispose of with care.
- **Never expose eyes directly to UV light.**
- 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 before installation and operation of the unit.
- Do not touch the lamp glass without gloves; it may reduce performance of the lamp. Clean the lamp after handling.

UV-C Lamp Disposal

Visit www.Earth911.com for your local or state waste management program and information about where to dispose of the used UV Lamp. Contact your local hardware or 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 it is acceptable with your local waste management agency, you may seal the bulb in a plastic bag and put in trash for collection.



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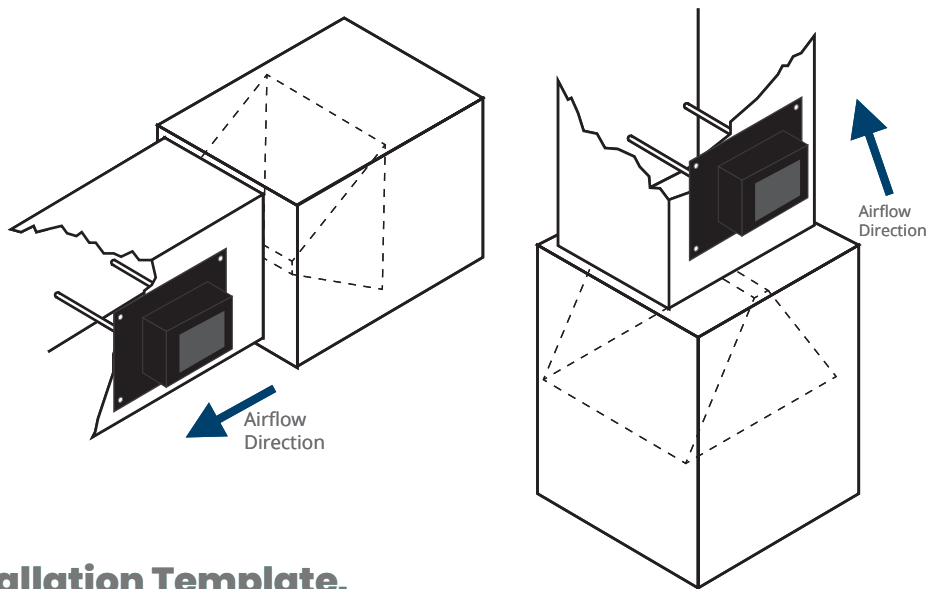
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Installation must be done by a certified HVAC technician and comply with all national and local electrical and mechanical codes.

Installation Instructions

Before installation turn off HVAC system and ensure all electrical connections are off.

1) Identify Suitable Location: Ensure the UV bulbs will not hit nor interfere with any equipments or ducting.



2) Apply Installation Template.

3) Use drill or metal shear to cut openings for UV bulbs.*

**Avoid handling UV bulbs with bare hands*

4) Apply air seal strips, as needed, and secure BioShield device with sheet metal screws provided.

5) Plug in power adaptor and connect to fixture.

6) Verify both LEFT & RIGHT LED indicator lights are on.

Replace UV Bulb Annually

UV lamps should be replaced on an annual basis or when any of the LED Bulb indicator lights are not illuminated. While there still may be blue light visible, the output of the UV light has decreased significantly (the UV-C wavelength is invisible).

You can reorder UV bulbs on www.BioShieldUV.com

Lamp part number **MAFA18BBv2**

