

TROUBLESHOOTING

- The LED should light when the furnace blower is running.

If the LED does not light: 1. Check to be sure there is power to the unit.

2. Be sure lamp connectors are fastened securely.
3. If the LED still does not light, replace lamp(s).
4. If still not operating, replace ballast.

Note: Standard off-the-shelf lamps are not compatible with this unit. Use of improper lamps will void warranty.

WARRANTY

All electronic components carry a lifetime warranty to the original homeowner. In addition there is a four-year warranty from the date of installation for any subsequent owner. We reserve the right to send replacement parts or to replace the unit at our discretion. This warranty does not cover labor, improper installation or abuse. Use of any lamp other than a genuine PremierOne lamp designed for this device will void the warranty.

The original lamp is warranted for a period of two years. This warranty does not cover broken lamps due to shipping, installation or handling. All returns are routed through your wholesaler and must be approved and accompanied by an RGA#. Please call PremierOne Products, Inc. at 800-982-1840 and we will guide you through the return procedure.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

MAINTENANCE

This maintenance schedule is only a guideline, determined by average conditions. Actual conditions will dictate the frequency of cleaning and/or replacement of lamps. Do not touch the glass portion of the lamps with bare hands because oils from the hands can cause “hot spots” which reduce lamp life. Handle either by the end caps or use a soft cloth. If you accidentally touch a lamp, clean it using a soft cloth dampened with rubbing alcohol.

CLEANING THE LAMPS - Recommended interval: 12 months (Follow the procedure below)

Replacement lamps are available through your HVAC contractor.

REPLACING THE LAMPS - Recommended interval: 24 months. (Follow procedure below excluding #6.)

Note: Standard off-the-shelf lamps are not compatible with this unit. Use of improper lamps will void warranty.

1. Unplug the power cord from the outlet, or disconnect power to the unit.
2. Remove the cover from the unit by removing the top and bottom retaining nuts using a 11/32 size nut driver.
3. Unplug the lamp from the lamp connector.
4. Remove the lamp holder using a 11/32 size nut driver (Photo A).
5. Remove the lamp by grasping the end cap and extract carefully.
6. Using a soft cloth moistened with rubbing alcohol, wipe down the lamp. If there is a large build-up of dust particles, you may wish to use a can of air first. Always handle lamps by end caps.
7. Slide the lamp back into lamp opening. Reinstall lamp holder..
8. Plug the lamp into the lamp connector.
10. Replace and secure the cover using the two retaining nuts.
11. Plug power cord back into outlet, or restore power to unit.

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PREMIERONE™

MUV-401H MultiVoltage Germicidal Air Purifier Installation & Maintenance Instructions

UNPACKING THE UNIT

Each MUV-401H germicidal air purifier is shipped with the germicidal lamp placed in a lamp box. Carefully remove lamp from the lamp box taking care to not touch the glass portion with bare hands. Oils from the hands can cause “hot spots” which reduce lamp life. Handle by the plastic end cap or use a soft cloth. Clean the lamp, using the included alcohol cleaning pad or a soft cloth dampened with rubbing alcohol. The lamp is fragile and proper care must be taken when removing from packaging.



The following parts are included:

- MUV-401H Multivoltage Germicidal Air Purifier
- Germicidal Twin H Lamp (packed in lamp box)
- Four Self Tapping Sheet Metal Screws
- Installation & Maintenance Instructions
- 120 VAC Power Cord
- Alcohol pad to clean lamp

IMPORTANT: SAFETY INSTRUCTIONS Important: Instructions de sécurité

When installing and using this electrical equipment, basic safety precautions should always be followed including the following:

1. READ AND FOLLOW ALL INSTRUCTIONS.
2. SAVE THESE INSTRUCTIONS.
3. Always be sure the unit is unplugged during installation or service procedures.
4. The ultraviolet light produced by the UV lamp is harmful to your eyes. Do not look directly at the lamp. Should it become necessary to view the lamp, use UV-protected sunglasses.

Lors de l'installation et de l'utilisation de cet équipement, des précautions devront être suivies.

- 1- Lire et suivre les étapes attentivement.
- 2- Conserver ces instructions.
- 3- Assurez vous de toujours débrancher avant l'installation ou le service.
- 4- Ne pas regarder la lampe directement avec les yeux. Si nécessaire de le faire, veuillez porter les lunettes de soleil contre les rayons U.V.

INSTALLATION:

Do not locate the unit within 20" of plastic materials that will be directly exposed to the UV light, such as wiring, return side humidifier or certain types of air filters. Check with the filter manufacturer to see if their material is UV resistant. Over time, UV light may degrade some plastics and petroleum based materials.

Do not touch the glass portion of the lamps with bare hands because oils from the hands can cause "hot spots" which reduce lamp life. Handle either by the end caps or use a soft cloth. If you accidentally touch a lamp, wipe it off using the included alcohol cleaning pad or a soft cloth dampened with rubbing alcohol.

1. Cut out the shaded area of the installation template (See page insert). Center the template on the longitudinal axis of the plenum and attach with tape. Trace the hole pattern for the unit and mark centers for mounting screws.
2. Cut opening for the unit. (If using a 2" hole saw, center over the area marked.)
3. Attach the unit to the air duct using the four self tapping sheet metal screws provided.
4. Remove the cover from the unit by removing the top and bottom retaining nuts using a 11/32 size nut driver.
5. Remove germicidal lamp holder using a 11/32 size nut driver (Photo A).
6. Slide germicidal lamp into lamp opening and reinstall lamp holder
7. Plug lamp into lamp connector.
8. Supply power by wiring unit according to instructions below.
9. Replace and secure cover using the two retaining nuts.

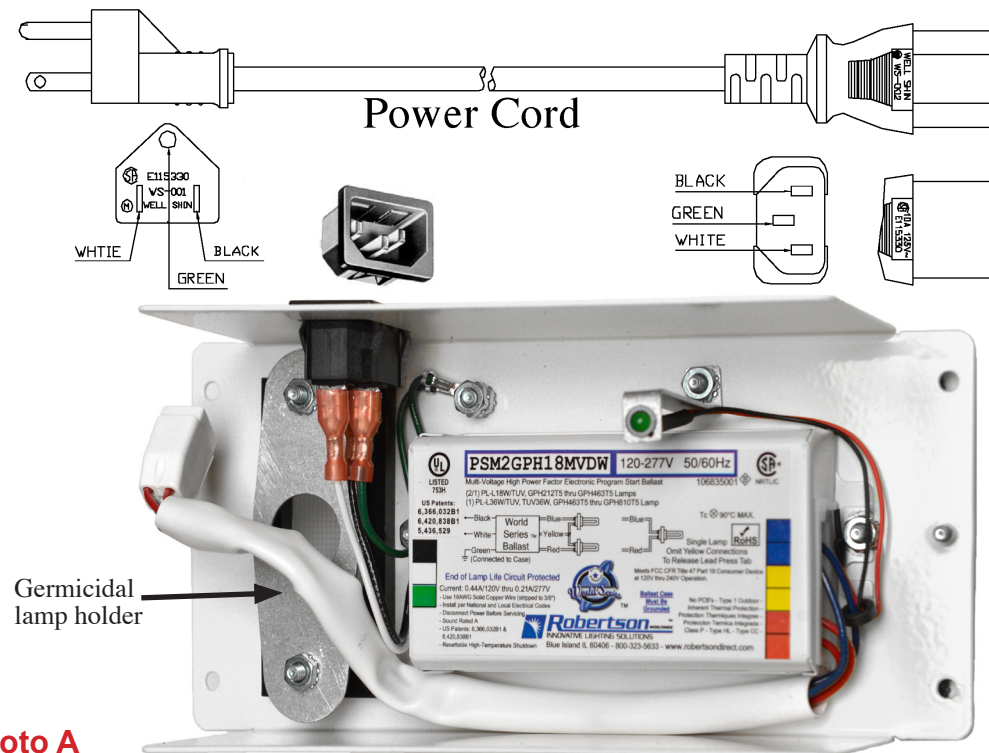
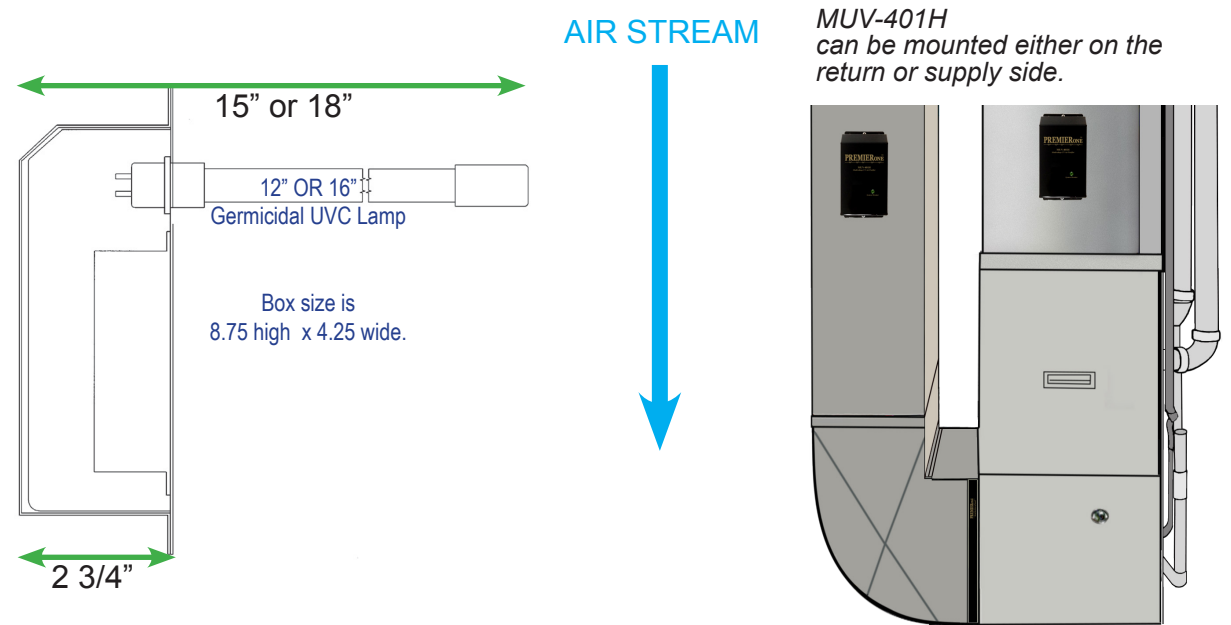
WIRING OPTION 1

There is no need to cycle the germicidal air purifier with the furnace blower. The multi-voltage ballast is self-adjusting and operates with voltages from 120 - 240 VAC. Install provided 120 VAC power cord and plug the unit into a 120 VAC outlet which is interlocked with the furnace blower. If an EAC terminal is available, supply power to the outlet from the EAC terminal. Connect in accordance with local wiring codes. If there is no EAC terminal, interlock the UV unit with the furnace blower using an appropriate alternate. After installing verify voltage is operating between 120 - 240 VAC with air handler operating. For 240VAC wiring install 5 amp in-line fuses and use optional 240 VAC power cord, Part #PC-240.

WIRING OPTION 2

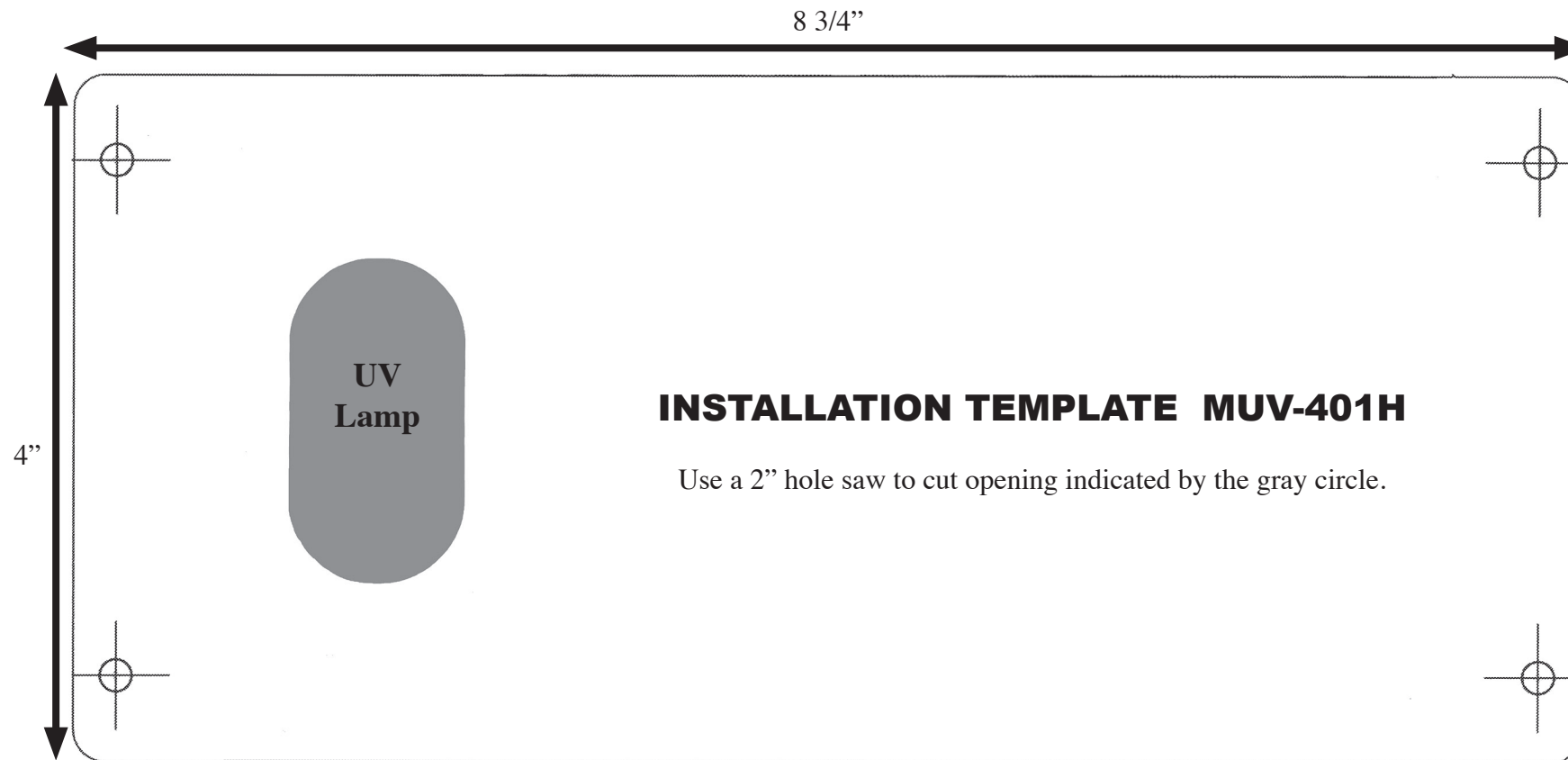
For hard wiring to 240V systems install 5 amp in-line fuses to both legs of power. Then connect the black wire to L1, white wire to L2, green wire to ground. For 120V wiring install a 5 amp fuse to L1 connect the black wire to L1, white wire to neutral, green wire to ground. Be sure power cord is secured with a strain relief connector.

Wire the unit in accordance with local wiring codes. After installing, verify voltage is operating between 120 - 240 VAC. Optional power cord with pig tails is available along with a strain relief connector for hard wiring. Part number PC-HW



For Technical Support Call (800)982-1840

Photo A



1. Cut out area of template indicated by the grey area.
2. Place template on the return path (or supply side) of the HVAC system and trace the hole pattern for the unit and mark centers for mounting screws.
3. Cut opening for the unit. (Or use a 2" hole saw centered over the area marked.)
4. Install unit into air duct using the four self tapping sheet metal screws provided.



LSK07401H-16



UVC16HCP-RF

LAMP KITS FOR MUV-401H

- #LSK07401H-16 36-Watt UVC lamp service kit with 16" UV lamp.
- #LSK07401H-12 24-Watt UVC lamp service kit with 12" UV lamp.
- #UVC16HCP-RF 36-Watt 16" UV lamp with built in reflector.
- #UVC12HCP-RF 24-Watt 12" UV lamp with built in reflector.