

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

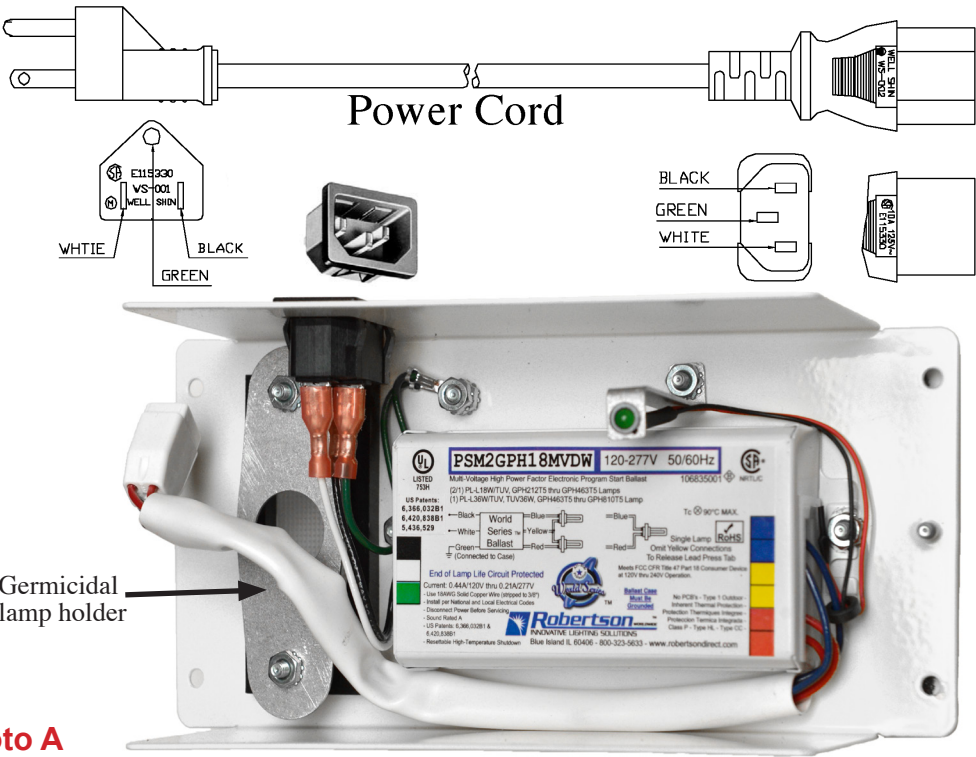
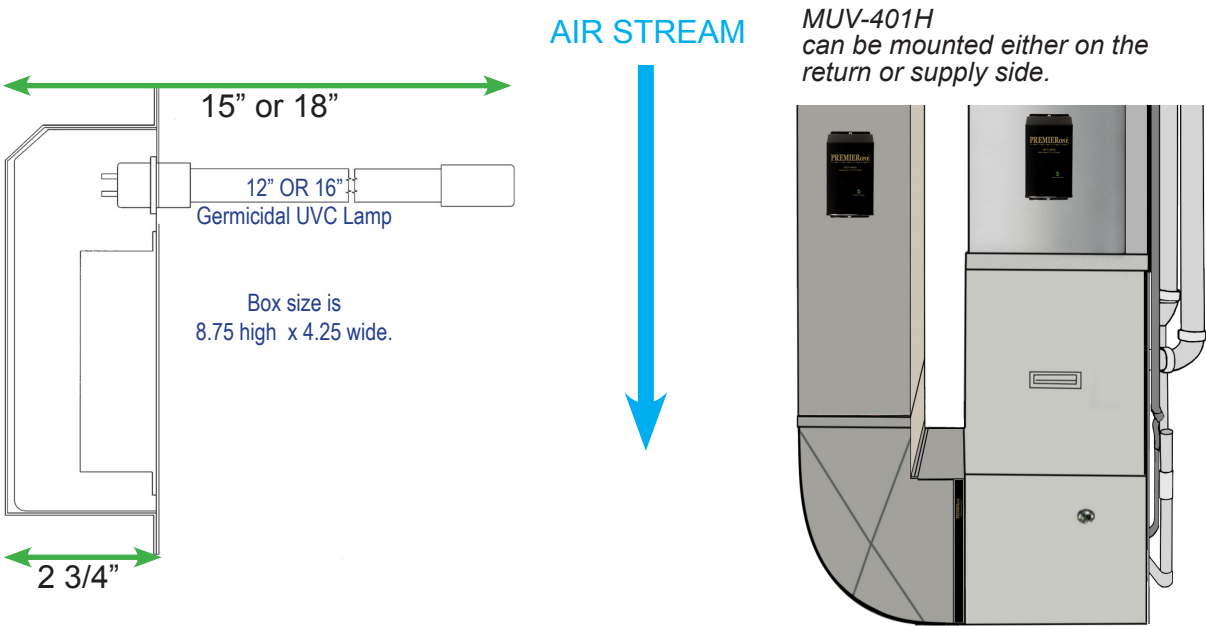
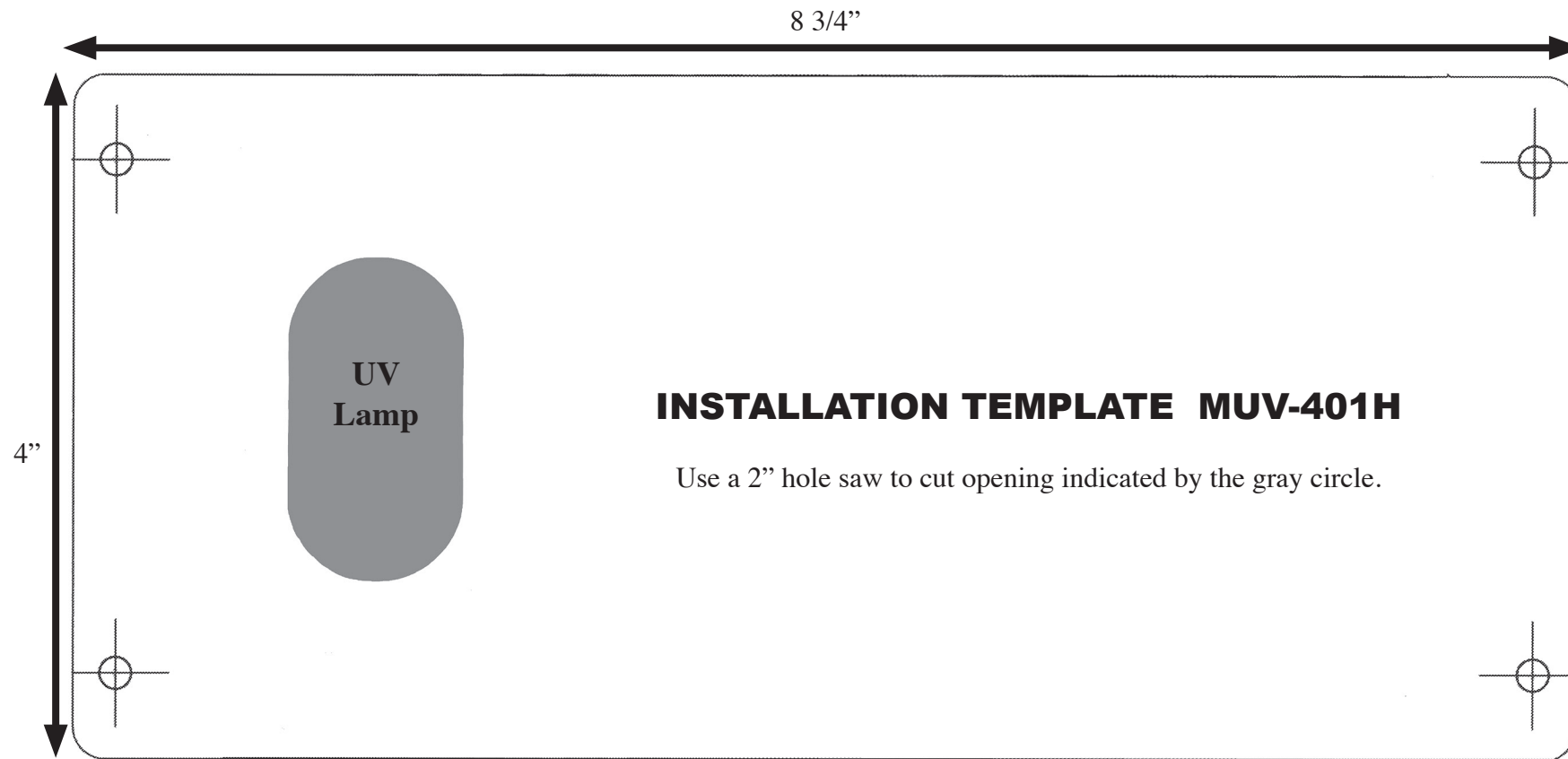


Photo A

For Technical Support Call (800)982-1840



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.