LIMITED WARRANTY

1. **Limited Warranty**. Except as set forth herein, The manufacturer, Inc. ("Manufacturer") warrants 7-50PS-16, 7-50PS-12, 7-50DR-16/5 and 7-50DR-12/5 (the "Product") to be free from defects in manufacturing, materials, and workmanship for the life of the Product; provided, however, that such warranty shall only apply to the customer who originally purchased the Product (the "Limited Warranty"). With respect to a party, who is not the original purchaser of the Product, Manufacturer's Limited Warranty shall extend to said party for, only, a period of four (4) years from the date of the Product's original purchase by the original customer.

2. **Remedy**. In the event of a Product failure as the result of a defect in manufacturing, materials, or workmanship. Manufacturer, at its option, will: (a) provide to the customer the appropriate replacement for the defective Product; or (b) repair the Product found to be defective. In the event that Manufacturer elects to repair or replace the Product, such repaired or replaced Product shall be warranted, as set forth in this Limited Warranty, for the lifetime of such repaired or replaced Product.

3. **Warranty Exclusions**. This Limited Warranty is the only express warranty (written or oral), applicable to the Product and no individual or entity is authorized to modify or expand this Limited Warranty. While warranty claims must be processed through, and approved by, a Manufacturer wholesaler/reseller and accompanied by a "RGA Number," customers are encouraged to call Manufacturer at (800) 982-1840 for assistance and guidance through the claim procedure.

   ALL IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES FOR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED. MANUFACTURER EXPRESSLY DISCLAIMS ALL WARRANTIES NOT STATED IN THIS LIMITED WARRANTY. ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY LAW ARE LIMITED IN DURATION TO THE TERMS OF THIS LIMITED WARRANTY. IN NO EVENT WILL Manufacturer BE LIABLE TO A CUSTOMER, OR ANY THIRD PARTY, FOR ANY DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT ALLEGED TO BE DEFECTIVE. IN ADDITION, MANUFACTURER SHALL IN NO EVENT BE LIABLE TO A CUSTOMER, OR ANY THIRD PARTY, FOR ANY DIRECT OR INDIRECT DAMAGES OR OTHER SPECIAL, INCIDENTAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE FAILURE OF THE PRODUCT TO COMPLY WITH THIS LIMITED WARRANTY, INCLUDING, BUT NOT LIMITED TO, DAMAGE OR LOSS OF OTHER PROPERTY OR EQUIPMENT. THE REMEDIES OF CUSTOMER SET FORTH IN THIS LIMITED WARRANTY ARE EXCLUSIVE. NOTWITHSTANDING ANYTHING CONTAINED HEREIN TO THE CONTRARY, MANUFACTURER'S LIABILITY WITH RESPECT TO THE PRODUCT, IN ALL INSTANCES, SHALL BE LIMITED TO THE REPAIR OR REPLACEMENT OF THE PRODUCT ALLEGED TO BE DEFECTIVE.

   Some states do not allow the exclusion or limitation of incidental or consequential damages or limitation of the duration of an implied warranty, so the above limitations or exclusions may not apply to the customer. This Limited Warranty gives the customer specific legal rights, and the customer may also have other rights which may vary from jurisdiction to jurisdiction.

4. **Additional Warranty Exclusions**. In addition to the exclusions set forth above, this Limited Warranty does not cover Product defects, including lamps, caused, in whole or in part, by any one or more of the following circumstances or conditions: (a) adjustments or corrections to Product due to improper Product installation; (b) improper assembly or improper Product installation; (c) Product failure due to the application or installation of non-Manufacturer approved accessories, pieces, hardware, and additions including, but not limited to, installation and use of other than a genuine Manufacturer lamp designed specifically for the Product; (d) failure to properly install related Product accessories, pieces, hardware, and additions including, but not limited to, customer's failure to replace the Product's lamp(s) every three (3) years; (e) Product exposure to conditions outside of the scope of Manufacturer's Product performance specifications; (f) improper maintenance and care of the Product, before, during, or after installation including, specifically, breakage of Product lamps during shipping and installation or caused by improper handling; (g) modification or refabrication, partial or otherwise, of the Product; and (h) accidents.

   This Limited Warranty does not cover any labor, including labor related to the removal, replacement, installation, or disposal of a defective Product.

   Manufacturer warrants that, subject to the exceptions set forth in Section 4, above, genuine Manufacturer lamps shall function as intended for a period of three (3) years from date of Product installation or, as the case may be, from the date of customer's purchase of a genuine Manufacturer replacement lamp.

5. **Miscellaneous**. The rights and obligations of the parties hereunder shall be interpreted and governed in accordance with the laws of the State of Wisconsin. Any claim, dispute, controversy, or action arising out of or related to the enforcement of this Limited Warranty, regardless of the existence and nature of any purchase and sale documents related to the Product, shall be filed or brought in the Brown County Circuit Court, Green Bay, Wisconsin, or in the United States Federal District Court for the Eastern District of Wisconsin, Green Bay, Wisconsin. If any provision of this Limited Warranty is deemed or held to be illegal, invalid, or unenforceable, under any present or future laws of any applicable jurisdiction, this Limited Warranty shall be considered divisible and inoperative as to such provision to the extent it is deemed to be illegal, invalid, or unenforceable, and in all other respects, this Limited Warranty shall remain in full force and effect.

7-50DR12/5 or 16/5 & 7-50PS-12 or 16 & 7-50PS-OU
MultiVoltage Oxidizing UVC System
Installation & Maintenance Instructions

UNPACKING THE UNIT

The optional oxidizing unit is shipped with the 5" lamp installed. The germicidal lamp is placed in a box with protective packaging. When handling lamps take care to not touch the glass portion of the lamp with bare hands. Oils from the hands can cause "hot spots" which reduce lamp life. Handle by the end caps or use a soft cloth. If you accidentally touch a lamp, clean it 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.

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Depending on your configuration, the following parts may be included:

- Power Supply
- Optional Oxidizing Unit
- Germicidal Twin H Lamp (packed in lamp box)
- Twelve (12) Sheet Metal Screws
- Four (4) caution labels
- Strain relief connector
- Alcohol pad for cleaning lamps
- Installation & maintenance instructions

A2L CERTIFIED
UL 60335-2-40:2022 Ed.4]
UL 60335-1:2016 Ed.6
CSA C22.2#60335-1:2016Ed.2]
CSA C22.2#60335-2-40:2022 Ed.4

IMPORTANT: SAFETY INSTRUCTIONS
Important: Instructions de securité

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

1. READ AND FOLLOW ALL INSTRUCTIONS.
2. Always be sure the unit is unplugged during installation or service procedures.
3. 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 goggles.

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

1- Lire et suivre les étapes attentivement.
2- Assurez vous de toujours débrancher avant l installation ou le service.
3- 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:

If there is a device that creates ozone in the space such as an ionizing air cleaner, it is recommended the oxidizing unit not be used in this application. Use one of our germicidal only models instead. Homes with multiple air handlers: install this unit on the main level air handler and a germicidal only model on the other air handler(s).

- Do not locate the germicidal lamps in direct sight of plastic material that will be exposed to the UV light, such as wiring, return-side humidifier, certain types of air filters, flex duct or any other petroleum based materials or liners. Check with the filter manufacturer to see if their material is UV resistant. Over time, UV light may degrade plastic.
- Do not install the UVC lamps where there is a straight line of sight of the lamps through a vent. When choosing a location to mount the lamps, make certain no UV light is visible to the consumer.
- 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.

INSTALLING THE GERMICIDAL UNIT

MOUNTING GERMICIDAL LAMP AND POWER SUPPLY (Supply side only when installing with oxidation unit.)

1. Unplug mid-cord connector (s) by pressing the lock release (marked "PRESS" on the connector.) (see photo B) Remove two thumb nuts holding moisture resistant lamp socket to mounting plate and remove from the plate.
2. Using the lamp mounting plate as a template, draw the hole pattern on the air duct in a suitable location.
3. Using a 1 1/4 inch Vari Bit, make two holes side by side. Clean off excess metal between the two holes with tin snips. Alternately cut a 2" hole.
4. Peel off the gasket backing from lamp mounting plate and center over hole. Secure using four self-tapping sheet metal screws provided.
5. Find a suitable location to mount the power supply making sure supply cord to ballast will reach 120 or 240 volt power supply. Mount the power supply using four self-tapping sheet metal screws provided.
6. Partially slide the lamp out of the container taking care not to touch the glass, hold the lamp by box and insert the lamp end fully into the lamp holder.
7. Remove the protective box wrap from the lamp and slide the lamp fully onto the base plate fitting over the mounting studs then secure using the two thumb nuts and reconnect the mid cord connector. (Photo A)
8. Route cord back to the moisture resistant lamp socket and reconnect mid-cord connector. Be sure to line up arrows on the connector. (see photo B)
9. Adhere included UV Warning Label onto ductwork within six inches of UV lamp.

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 GERMICIDAL LAMP - Recommended interval: 12 months

1. Disconnect power to the unit.
2. Unplug mid-cord connector by pressing the lock release (marked "PRESS" on the connector.) Remove two thumb nuts holding moisture resistant lamp socket to mounting plate and carefully remove the lamp socket with lamp from the mounting plate.
3. 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. Do not touch the glass portion of the lamp with bare hands.
4. Carefully slide the moisture lamp socket with lamp through the mounting plate into duct fitting over the mounting studs and secure using the two thumb nuts and reconnect the mid-cord connector.
5. Supply power to the unit.

CLEANING THE OXIDATION UNIT LAMP - Recommended interval: 12 months

1. Disconnect power to the unit.
2. Remove the two 11/32" keps nuts and remove cover. Unplug the lamp connector from the end of the lamp then remove the lamp holder using a 11/32 size nut driver. Remove the lamp by grasping the end cap and extract carefully.
3. 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. Do not touch the glass portion of the lamp with bare hands.
4. Slide the lamp back into the lamp opening. Reinstall lamp holder and plug the lamp connector to the end of the lamp.
5. Replace the cover and align the odor control knob with adjustment linkage by gently turning the knob until linkage clicks into place. Secure cover using the two retaining nuts.

REPLACING THE LAMP - Recommended interval: 24 months

Replacement lamps are available through your HVAC contractor.

Follow above procedure except #3 where you replace the lamp instead of cleaning it.

Please see next page for a list of replacement lamps available.

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

For Technical Support Call (800)982-1840

TROUBLESHOOTING

With the selector switch in the ON position, the LED should light when power is supplied to the unit. **If the LED does not light with switch in the On position:**

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.

If the LED lights briefly and goes out, the ballast has detected a problem and is shutting down. Replace the lamp(s) and retest. If the LED still does not stay lit, check the continuity of the lamp connector. There are four built in fuses, one for each pin. Test each pair with a meter to verify all four fuses have not been opened. Using a meter, test both pin #1 and the corresponding female pin #1. Continue for the remaining three pins.

The built in fuses are not replaceable. If testing any of the pins show a fuse has been opened, replace the cap.

WARRANTY RETURNS

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. The original lamp is warranted for a period of two years. This warranty does not cover broken lamps due to shipping, installation or handling. Please see the complete warranty statement on the back page of this booklet.

All returns are routed through your wholesaler and must be approved and accompanied by an RGA number.
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.

Photo B

INSTALLING THE OXIDIZING UNIT (Return side plenum only)

1. Cut a 1.75” - 2” hole for the unit.
2. Attach the unit to the air duct using the four self-tapping sheet metal screws provided. (Airflow direction is marked on the unit.)
3. Route oxidizing unit’s cord from the power supply, to the oxidizing unit and connect mid-cord connector. Be sure to line up arrows on the connector. (see photo B)

UPGRADING SINGLE LAMP TO DUAL LAMP OPERATION

This unit can be upgraded to include one germicidal lamp and one oxidation unit. For dual germicidal lamp operation please use our model MUV7-100DR.

INSTALLING OXIDIZING UNIT UPGRADE (Return side plenum only)

1. Cut a 1.75” - 2” hole for the unit.
2. Attach the unit to the air duct using the four self-tapping sheet metal screws provided. (Airflow direction is marked on the unit.)
3. Route oxidizing unit’s cord to the power supply.
4. Disconnect blue wires from terminal 1 and 2 and reconnect blue wires to terminal 5 and 6. See illustration #1
5. Remove hole plug from bottom of germicidal unit by pinching plug from inside of unit and pushing from the back.
6. Route the oxidizing unit’s cord into the power supply and connect blue wires to terminal 1 and 2 and red wires to terminal 3 and 4.
7. Wrap strain relief around base of cord, pinch with a pliers and snap into position.

SETTING THE ACTIVATED OXYGEN OUTPUT LEVEL

- The air purification process occurs only while air is circulating through the HVAC system.
- The oxidizing level can be easily adjusted as needed using the “Oxidation Odor Control” knob on the front of the unit. Start with the setting in the normal range. Decrease the setting if an activated oxygen odor is detectable. If household odors are noticeable after 24 hours, increase the setting.

LAMP KITS FOR 7-50DR
#LSK07403H-16/5 44-Watt UVC/UVV lamp service kit with 16” UV lamp.
#LSK07403H-12/5 36-Watt UVC/UVV lamp service kit with 12” UV lamp.

LAMP KITS FOR 7-50PS
#LSK07401H-16 36-Watt UVC lamp service kit with 16” UV lamp.
#LSK07401H-12 24-Watt UVC lamp service kit with 12” UV lamp.
#UVV5CL 8-Watt UVV lamp service kit with 5” oxidizing lamp.

LSK07403H-16/5