



UV100A Ultraviolet Air Treatment System

OWNER'S GUIDE



HOW YOUR ULTRAVIOLET AIR TREATMENT SYSTEM WORKS

When installed in forced air heating and cooling systems, your UV100A Ultraviolet Air Treatment System kills a high percentage of micro-organism contaminants in the air passing over it. Individual results depend on how carefully all installation and maintenance requirements are followed and on the actual amount of time your air delivery fan operates.

You can capture and minimize micro-organism pass-through in your heating, ventilation and air conditioning (HVAC) system when you combine your Ultraviolet Air Treatment System with a high-efficiency air filtration system that includes an electronic air cleaner. Talk to your installer about adding an electronic air cleaner to complement your air treatment system and provide added protection for you and your family.

Your UV100A Ultraviolet Air Treatment System unit is one of these three models: a single-lamp, medium-efficiency return air unit; a dual-lamp high-efficiency return air unit; or an air conditioner coil irradiation unit.

- The UV100A coil irradiation unit is mounted in your supply side air duct or downstream from the air conditioner cooling coils in your HVAC system. The single lamp reduces mold and spores on duct surfaces, coils and drain pans.

HOW YOU CAN CHECK YOUR ULTRAVIOLET AIR TREATMENT SYSTEM OPERATION



WARNING

UV Light Hazard.

Harmful to bare skin and eyes.

Can cause temporary or permanent loss of vision.

Never look at the lamps while illuminated.

Only view illumination by way of the light indicator located on the lamp knob. To prevent exposure to ultraviolet light, disconnect power to the ultraviolet air treatment system before servicing any part of the heating/air conditioning system.

Do not mount device in location that allows ultraviolet light to be seen after installation.

Do not attempt to bypass the duct mount switch.

Do not attempt to open housing; unit is sealed to prevent ultraviolet light exposure.

Your Ultraviolet Air Treatment System has a power cord that plugs into a 120 Vac electrical outlet. Your unit is designed to prevent accidental contact with the voltage and with the ultraviolet rays in the sealed unit—the ultraviolet lamps do not illuminate unless the base is mounted on the HVAC duct.

It is recommended that every month you verify that your ultraviolet lamp(s) are operating *only by viewing through the lamp light indicator on the lamp knob. Do not attempt to look into the duct at the illuminated lamp(s).*

HOW YOU CAN MAINTAIN YOUR ULTRAVIOLET AIR TREATMENT SYSTEM

Your should regularly clean your ultraviolet lamps to maintain your air treatment system. And once every year, you must remember to replace your ultraviolet lamps.



CAUTION

Personal Injury Hazard.

Power supply can cause electrical shock.

Disconnect power supply before cleaning or replacing ultraviolet lamp(s).

Do not open base unit or lamp knob; there are no user-serviceable components inside.



CAUTION

Breakable Glass Hazard.

Can cause personal injury.

Be careful when inserting lamp(s) into lamp base.

Wear protective gloves when handling lamp(s).

Cleaning Your Lamps Every Three Months (Quarterly)



MERCURY NOTICE

This device contains mercury in the sealed ultraviolet lamp(s). Do not place your used lamp(s) in the trash. Dispose of properly.

Broken Lamp Cleanup.

Do not use a household vacuum.

Sweep debris (phosphor/glass) into a plastic bag and dispose of properly.

Contact your local waste management authority for instructions regarding recycling and the proper disposal of old lamp(s). If you have questions, call Honeywell Customer Relations at 1-800-468-1502.

Lamp cleaning is recommended as routine maintenance four times a year or every three months (quarterly). Use the Ultraviolet Lamp Cleaning Reminder Schedule, Fig. 1, to help you establish and track your regular cleaning schedule.

UV LAMP CLEANING REMINDER SCHEDULE

INSTALLATION DATE: (month) _____, (year) _____

YEAR	J	F	M	A	M	J	J	A	S	O	N	D

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Fig. 1. Ultraviolet lamp cleaning reminder schedule.



CAUTION

UV Lamp Burn Hazard.
Harmful to bare skin.
Can cause severe burns.

Disconnect power 15 minutes before removing the ultraviolet lamp(s)

IMPORTANT

If the lamps in your model have external wires running along the glass surface, be sure to avoid pulling on those wires.

To clean your lamps:

1. Disconnect the power to your HVAC system.
2. Unplug your ultraviolet air treatment system cord from the electrical outlet and allow the lamps to cool for at least 15 minutes.
3. Rotate your lamp knob counterclockwise and gently pull the lamp knob to remove the lamp(s).
4. Holding only the lamp knob, wipe the lamp glass using a soft cloth with window cleaner applied to it. Do not touch the lamp surface with your hands. Use only the cloth.
5. To ensure that the lamp indicator continues to function, use a moistened cotton swab to gently remove any dust that may have collected between the lamp light indicator on the base and the black lamp base.

6. Wipe your lamps with a clean, dry cloth.
7. Put your clean lamps back into the unit base by following Replacing Your Lamps (Annually) section steps 5, 6, and 7.



WARNING

UV Light Hazard.

Harmful to bare skin and eyes.

Can cause temporary or permanent loss of vision.

Never look at the lamps while illuminated.

Only view illumination by way of the light indicator located on the lamp knob. To prevent exposure to ultraviolet light, disconnect power to the ultraviolet air treatment system before servicing any part of the heating/air conditioning system.

8. Plug the cord into the nearby 120 Vac electrical outlet.
9. Verify that the ultraviolet lamp(s) are operating *only* by viewing through the lamp light indicator on the lamp knob. *Never look directly at your lamps while illuminated.*
10. Reconnect the power to your HVAC system.



CAUTION

UV Lamp Burn Hazard.

Harmful to bare skin.

Can cause severe burns.

Disconnect power 15 minutes before removing the ultraviolet lamp(s).

IMPORTANT

If the lamps in your model have external wires running along the glass surface, be sure to avoid pulling on those wires.

Replacing Your Lamps (Annually)

Annual replacement of your lamps is required. To replace your lamps:

1. Select and obtain the correct replacement lamp for your unit. See Table 1.
2. Disconnect the power to your HVAC system.
3. Unplug your ultraviolet air treatment system cord from the electrical outlet and allow the lamps to cool for at least 15 minutes.
4. Rotate the lamp knob counterclockwise and gently pull the lamp knob to remove the lamp(s).
5. Insert the lamp into the base unit with the lamp light indicator at the eleven o'clock position (left of the raised button on the unit cover). *Do not touch the lamp surface with your hands.*

6. Continue lightly pushing in on the lamp while rotating it slowly counterclockwise. This should cause the lamp to drop into the bottom of the lamp well.
7. Rotate the lamp clockwise until it snaps into place with the lamp light indicator aligned with the raised button on the unit cover.



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Only view illumination by way of the light indicator located on the lamp knob.

To prevent exposure to ultraviolet light, disconnect power to the ultraviolet air treatment system before servicing any part of the heating/air conditioning system.

8. Plug your ultraviolet air treatment system cord into the nearby 120 Vac electrical outlet.
9. Verify that your ultraviolet lamp(s) are operating *only by viewing through* the lamp light indicator on the lamp knob. *Never look directly at your lamp(s) while illuminated.*
10. Reconnect the power to your HVAC system.

Table 1. Replacing Your Lamp(s).

Unit Description	Replacement Lamps	Wattage
UV100A1085 Coil Irradiation Unit	UC100A1054	36W

Limited Warranty

York International, Unitary Products Group (UPG) warrants this product, excluding lamps, to be free from defects in the workmanship or materials, under normal use and service, for a period of one (1) year from the date of purchase by the consumer. If, at any time during the warranty period, the product is defective or malfunctions, UPG shall repair or replace it (at UPG's option) within a reasonable period of time.

This warranty does not cover removal or reinstallation costs. This warranty shall not apply if it is shown by UPG that the defect or malfunction was caused by damage which occurred while the product was in the possession of a consumer.

UPG's sole responsibility shall be to repair or replace the product within the terms stated above. UPG SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE OF ANY KIND, INCLUDING ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING, DIRECTLY OR INDIRECTLY, FROM ANY BREACH OF ANY WARRANTY, EXPRESS OR IMPLIED, OR ANY OTHER FAILURE OF THIS PRODUCT. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation may not apply to you.

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

If you have any questions concerning this warranty, please write Unitary Products Group Consumer Relations, 5005 York Drive, Norman, OK 73069 or call 1-877-874-7378.

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