

## UC100A Ultraviolet Air Treatment System Replacement Lamp

### INSTALLATION INSTRUCTIONS

#### APPLICATION

The UC100A Ultraviolet Air Treatment System Replacement Lamp is for use with the UV100A Ultraviolet Air Treatment System. There are four different replacement lamps for the five models of Ultraviolet Air Treatment Systems. See Table 1 for your model.

#### INSTALLATION

##### When Installing this Product...

1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Check the rating given in the instructions and on the product to make sure the product is suitable for your application.
3. Removal and replacement of the ultraviolet lamps can easily be done by the homeowner following these instructions. The homeowner can also call an experienced service technician.
4. After installation is complete, check out product operation as provided in these instructions.

##### Replacing Your Lamps (Annually)

#### CAUTION

**Personal Injury Hazard.**  
**Power supply can cause electrical shock.**  
Disconnect power supply before replacing ultraviolet lamp(s).  
Do not open base unit or lamp knob; there are no user-serviceable components inside.



#### 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.



#### CAUTION

**UV Lamp Burn Hazard.**  
**Harmful to bare skin.**  
**Can cause severe burns.**  
Disconnect power and wait 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.*



#### CAUTION

**Breakable Glass Hazard.**  
**Can cause personal injury.**  
Be careful when inserting lamp(s) into lamp base.  
Wear protective gloves when handling lamp(s).





## 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).

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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8. Plug your UV100A1000, UV100A1018, UV100A1026 or UV100A1059 Ultraviolet Air Treatment System cord into the nearby 120 Vac electrical outlet. Plug your UV100A2008 into a 240 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
UV100A1000 Single Lamp Return Air Unit	UC100A1005	18W
UV100A1018 Two Lamp Return Air Unit	UC100A1013 (twin pack) (two lamps required)	36W
UV100A1026 Coil Irradiation Unit	UC100A1021	25W
UV100A1059 Coil Irradiation Unit	UC100A1054	36W
UV100A2008 240 Vac Coil Irradiation Unit	UC100A1054	36W

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