

VIDASHIELD UV24™ Air Purification System

Maintenance Instructions

1. CHANGING THE UV LAMP

1.1 Access the UV Chamber

Lift the VidaShield fixture slightly above the ceiling frame. Press the lock bar against the fixture and rotate the VidaShield down to access the UV chamber (*Fig 1*).

CAUTION: It is best to perform maintenance when the power to the VidaShield is completely disconnected. Always wear eye protection and do not look directly at the UV light (*Fig 2*).



(Fig 1)



(Fig 2)

1.2 Remove the Cover

Remove the cover from the UV chamber by releasing the 4 latches on the UV Chamber Lid on each side and both ends. Take care not to touch the reflective surface and leave fingerprints as you lay the cover aside (*Fig 3*).

NOTE: The Snap Switch which is located in one of the top right hand corner of the UV Chamber, will be deactivated when the UV Chamber lid is removed (*Fig 4*).

NOTE: Deactivating the Snap Switch only shuts off electricity to the UV Light and Fans. The UV Light will be off if you have either disconnected the main power connector or removed the UV Lid to release the Snap Switch. Once the switch is released as you remove the UV chamber cover, the UV lamp will turn off automatically if the unit is still powered on (*Fig 5*).

1.3 Remove the Lamp

To remove the lamp, place your fingers on the plastic ends and avoid touching the glass. Pull the lamp away from the clamp on one end and gently pull it out of the socket on the opposite end.

Insert the new UV lamp the same way. Put the 4 prong end into the socket and gently push the opposite end where it snaps into the clamp. Be sure it fits snugly into place (*Fig 6*).

NOTE: Always avoid touching the glass. The oil on your fingers can etch into the glass.

1.4 Replace UV Chamber Lid Cover

After the UV lamp has been changed, put the UV chamber lid cover back on taking care to secure the latches back in place. To complete installation, you should rotate the VidaShield back into the ceiling and make sure the lock bar is resting on the ceiling frame and secure it fully.

1.5 Complete Installation

Replacement maintenance is complete for changing the UV lamp.

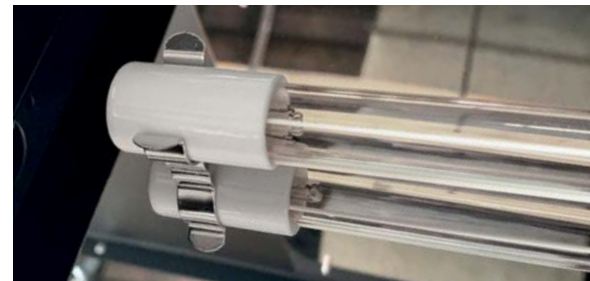
NOTE: In the event of a UV lamp or UV ballast failure, a light will come on indicating that the UV lamp or ballast needs maintenance. The light is red for the ceiling panel units (*Fig 7*), green for the LED unit (*Fig 8*).



(*Fig 3 and 4*)



(*Fig 5*)



(*Fig 6*)



(*Fig 7*)



(*Fig 8*)

2. CHANGING THE MERV 6 FILTER

2.1 To Change MERV 6 Filter

To change the MERV 6 filter, disengage the door latches and lower the door assembly to access the filter (*Fig 9*).

NOTE: Use protective eye wear and gloves while you are handling the MERV 6 filter. Use proper disposal instructions for hazardous waste materials.

2.2 Install New Filter

Slide the MERV 6 filter out of the housing and dispose of it properly. Slide a new, clean filter into the same slot ensuring that it is fitted correctly into the space (*Fig 10*).

2.3 Close Door and Reengage Latches

Close the door assembly and reengage the door latches.

2.4 Replacement Complete

Replacement maintenance is complete for changing the MERV 6 filter (*Fig 11*).



(Fig 9)



(Fig 10)



(Fig 11)

3. PARTS, TOOLS, REPLACEMENTS, AND TROUBLESHOOTING

3.1 Parts Included

UV Lamp (Fig 12)

Merv 6 Filter (Fig 13)

3.2 Tools Needed

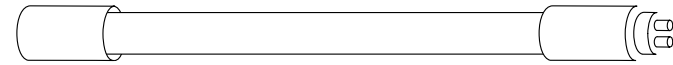
- Ladder
- Work gloves
- Safety glasses

3.3 Replacements

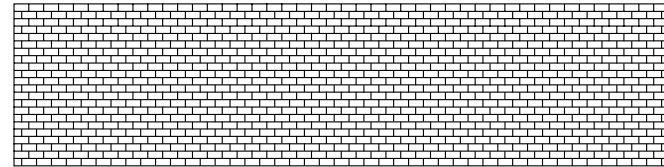
To order additional replacement fluorescent lamps, UVC lamps, MERV 6 filters, ballast, or other components, call TechLine for both replacement and troubleshooting at 1-877-267-7876.

3.4 Troubleshooting

Call TechLine for both replacement and troubleshooting at 1-877-267-7876.



(Fig 12)



(Fig 13)

MORE INFORMATION

For more information, or for an Armstrong Ceilings representative, call 1 877 276-7876.

For complete technical information, detail drawings, CAD design assistance, installation information, and many other technical services, call TechLine customer support at 1 877 276-7876 or FAX 1 800 572-TECH.

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