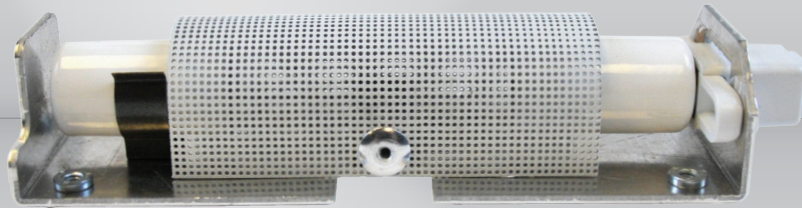




activTek Internal Mini



The **activTek Internal Mini** is ideally suited for mini-split / HVAC systems where low maintenance or discreet installation might also be an advantage.

DESCRIPTION

- Natural air system installed into the mini-split / HVAC system (the actual product does not include the mini-split HVAC system - for internal Mini product see installation page)
- Discreet or concealed installation
- Low maintenance

BENEFITS

- ActivePure Certified Space Technology destroys up to 99% of all surface and airborne contaminants
- Requires only 20 watts of electricity
- Significantly reduces dust and odors
- Purifies air and reduces particles that can irritate allergies and asthma; removes VOCs (Volatile Organic Compounds)
- Creates healthy, pure indoor spaces without the use of ozone

THE TECHNOLOGY

The **activTek Internal Mini** utilizes the proprietary ActivePure® Technology which has been shown to substantially reduce odors, visible smoke in the air, and microbial populations on surfaces.*

ActivePure consists of a special UV light and photocatalyst target, which creates an Advanced Oxidation Process containing several friendly oxidizers.

APPLICATIONS

- Mini-split / HVAC system
- Residential homes and apartments
- Small offices
- Nursing homes

*Published scientific studies conducted on behalf of activTek by Dr. James Marsden at Kansas State University demonstrated that activTek's ActivePure® technology substantially reduces microbial populations on surfaces. The study's results are being provided solely for informational purposes. The study's results have not been reviewed by the FDA, EPA or any other governmental agency. Our products are not medical devices and are not intended to diagnose, treat, or cure any disease. We make no claims and no claims should be inferred as to the efficacy of our products to sanitize, disinfect or kill germs or other antimicrobials.



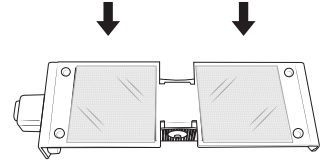
SPECIFICATIONS

activTek Internal Mini	
electrical	120Vac, 230Vac current: 0.38A @ 120Vac power factor: 0.99 power: 20W max
mechanical	distribution via air handler
operating temperature	23°F-131°F (-5° C to 55° C)
coverage	up to 500 sq. ft.
warranty	limited 2 years, limited 1 year on cell / lamp

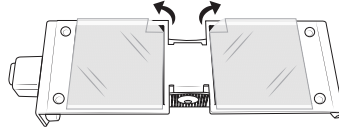
INSTALLATION

IMPORTANT: This unit requires continuous power. We strongly recommend that it is NOT installed where power to the unit will be cycled on and off. See Owners Manual for complete installation and operation details. Disconnect all power to the mini-split / HVAC unit prior to installation.

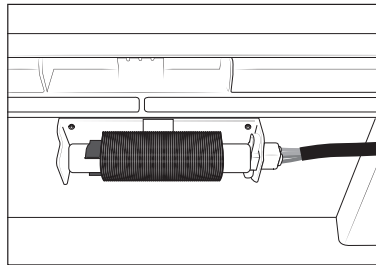
1. Remove film from one side of Velcro (2 pieces) and attach to the ActivePure cell as shown.



2. Remove film from opposite side of Velcro.

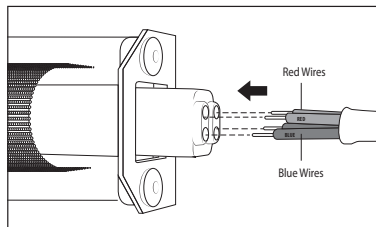


3. Find suitable location for cell, near the center of the coils. Clean area to remove grease or dirt. Place cell to attach Velcro.

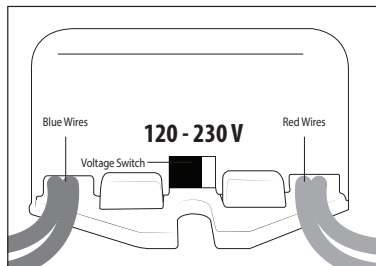


NOTE: Remove cell by separating the Velcro. Press Velcro attached to unit firmly to ensure a good bond. Replace cell into unit.

4. Connect cell wires to socket of ActivePure cell. These wires are a push connection; push until firmly seated. Verify connection by pulling on wire. The wires are not connected when shipped to allow for more options in wire routing.

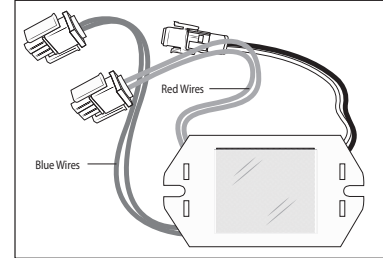


5. The ballast is shipped with the voltage switch located on the end of the ballast, **pre-set to the 230V position**. Ensure that the voltage switch, is set to the appropriate position for your application.

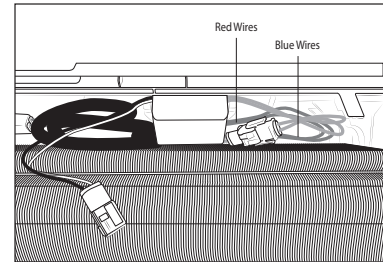


NOTE: The 230V setting is for 208 & 230V applications.

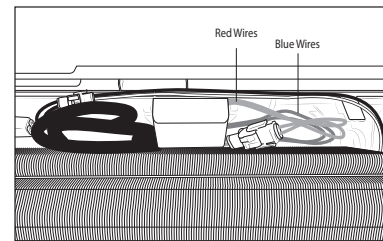
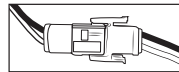
6. Attach Velcro to the ballast using same method as above.



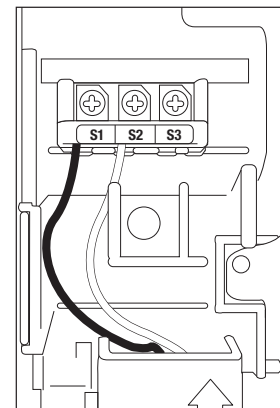
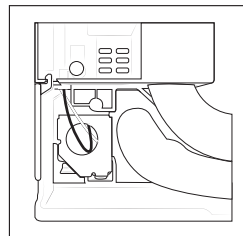
7. Mount ballast in suitable location.



8. Connect wiring assemblies to ballast assembly using like colored wires as a guide. (ie; red to red)



9. Route power wires to the power connection terminals; connect the black wire to the S1 (120V) and the white wire to the S2 (120V or neutral).



10. Dress all wires and replace cover.

