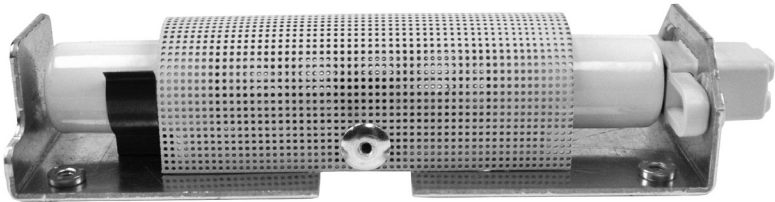


activTek™
Mini-Split



ELECTRONIC AIR PURIFICATION SYSTEM

READ MANUAL CAREFULLY
FOR PROPER USE AND OPTIMAL OPERATION.



GENERAL INFORMATION

PRODUCT OVERVIEW

Congratulations on your purchase of an ActivTek Mini-Split air purification enhancement device. This unit is designed to be installed into an existing Mini-Split/HVAC system. This unit must be installed by a licensed HVAC contractor or electrician. Failure to do so will void warranty of the product. Please read and follow all installation procedures outlined in this manual. Use only genuine ActivTek replacement parts available from your ActivTek Distributor.

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FILL IN AND SAVE

Record information regarding your new activTek Mini-Split. Retain for future reference.

Model No. _____

Serial No. _____

Date of Purchase _____

Independent Distributor/Contractor:

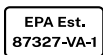
Name _____

Phone No. _____

Address _____

STORAGE AND DISPOSAL

Do not dispose of this product as household waste. Electrical waste and electronic products should be appropriately recycled as required by practices established by your local authority.



SPECIFICATIONS

activTek Mini-Split

- Sales Number: 9960019 (ozone free)
- Model: A1019A
- Sales Number: 9960020
- Model: A1019B

NOTE: This product does not meet California requirements and cannot be shipped to California or Canada.

Electrical:

- 120VAC, 230VAC
- Current: 0.38A @ 120VAC
- Power Factor: 0.99
- Power: 20W max

Mechanical:

- Distribution via air handler

Weight & Dimensions:

- 17 lbs (7.7 kg)
- 7.25" x 27.5" x 9.38"
(18.4 cm x 69.8 cm x 23.8 cm)

Operating Temperature:

- 23 °F to 131 °F (-5 °C to 55 °C)

Coverage¹:

- Up to 250 sq. ft. (23 m²) Nominal;
500 sq. ft. (46 m²) Maximum¹.

Warranty:

- Limited 2 Year Warranty

We reserve the right to change or modify any specification without notice.

1. Assumes 8 foot ceilings. Solutions should be customized based upon a variety of factors including HVAC system capabilities and settings, air flows taking into account walls, air pressure, and doors, ambient air temperatures and humidities, variable density, known VOC concentrations, and other layers of protection.

**IF YOU HAVE ANY QUESTIONS REGARDING THE USE OF THIS PRODUCT,
PLEASE CONTACT CUSTOMER SERVICE AT 866.736.0503**

IMPORTANT SAFETY INSTRUCTIONS



WARNING

- UV Light in operation; **DO NOT** operate unless the unit is completely and correctly assembled; failure to follow warnings may result in severe eye damage and electrical shock
- To prevent damage to the unit, operating environment temperature must never exceed 130°F (55°C)
- This unit is equipped with a universal ballast that operates at nominal voltages, 120-230VAC operation
- To Reduce the Risk of Electric Shock – **DO NOT** use in wet or damp locations; this equipment emits UV-C radiation; **DO NOT** locate equipment in any location allowing direct line-of-sight to vents, returns, or other duct openings



CAUTION

- This unit must be installed by a licensed HVAC contractor or electrician; failure to do so will void warranty of the product
- Unit requires continuous power; we strongly recommend that it is **NOT** installed where power to the unit will be cycled **ON** and **OFF**

Read this manual in its entirety before using your activTek Mini-Split.

Keep out of the reach of children.

- Live voltage may be present
- Disconnect power at the breaker or fuse panel before servicing unit; always follow OSHA lockout procedures to prevent accidental exposure to electrical energy
- If installed near a furnace or where emergency heat coils could raise the temperature inside the plenum, cycle the AC unit through the heating cycles assuring that the temperature never exceeds 200°F (93°C); the ActivePure® Cell must not exceed 200°F (93°C)
- When installing, be sure the power to the unit is off; always follow OSHA electrical lockout safety requirements to prevent accidental release of energy during service or maintenance activities
- Never attempt to check operation of the ActivePure® Cell(s) by direct observation; severe eye damage can result; use the indicator lamps on the bottom of the ballast only

SAVE THESE INSTRUCTIONS

FOR CANADIAN CUSTOMERS ONLY

activTek MINI-SPLIT

Sales No: 9960019

This UV device helps reduce the spread of viruses in the air.

Keep out of the reach of children.

Please read the label and owner's manual before using: activTek.net/manuals

PRECAUTIONS:

WARNING: UV light source. Disconnect power before servicing. Unintended use of the device, or damage to the housing, may result in exposure to ultraviolet radiation. Ultraviolet radiation may cause eye and skin irritation. Avoid exposing eyes and skin to ultraviolet radiation.

FIRST AID INSTRUCTIONS: Please contact your healthcare provider in the event of injury caused by this device.

DIRECTIONS FOR USE:

This unit is designed to be installed into an existing Mini-Split/HVAC system. Please see this manual for detailed instructions on using, handling, storing and disposing of the device, and procedures to mitigate any associated risks.

The use of this device is a supplement to and not a substitute for standard infection control practices; users must continue to follow all current infection control practices, including those related to the cleaning and disinfection of environmental surfaces.

FOR INQUIRIES CONTACT:

AERUS CANADA, INC.

Laird Business Park

3480 Laird Road, Units 2-5

Mississauga, Ontario, Canada, L5L 5Y4

W. Parrell, Manager

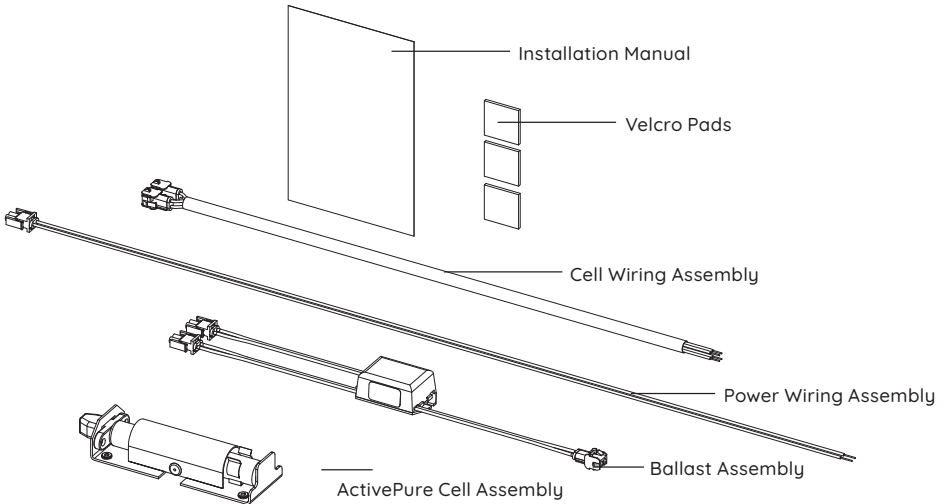
(905) 569-9399

wparrell@aerusonline.com

Aerus Canada, Inc. is affiliated with ActivePure Manufacturing, LLC

1300 Valley Drive, Bristol, VA 24201

PRODUCT CONTENTS



INSTALLATION STEPS



WARNING

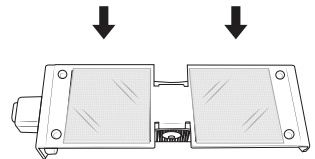
- To Reduce the Risk of Electric Shock – **DO NOT** use in wet or damp locations; this equipment emits UV-C radiation; **DO NOT** locate equipment in any location allowing direct line-of-sight to vents, returns, or other duct openings; disconnect from supply before servicing or replacing
- This unit must be installed by a licensed HVAC contractor; failure to do so will void warranty of the product



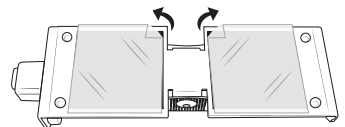
CAUTION

Unit requires continuous power. We strongly recommend that it is **NOT** installed where power to the unit will be cycled **ON** and **OFF**.

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



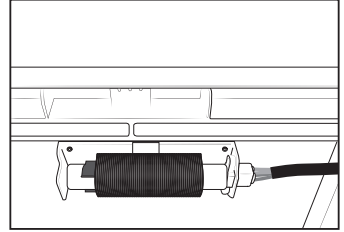
2. Remove film from opposite side of Velcro.



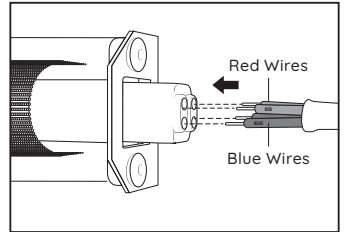
INSTALLATION STEPS (CONTINUED)

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.

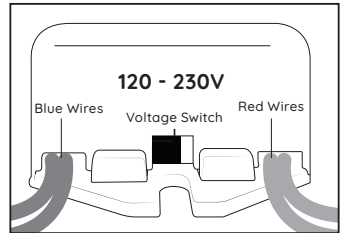


4. Connect cell wires to socket of ActivePure Cell Assembly.
These wires are a push connection; push until firmly seated.
They are not connected when shipped to allow for more options in wire routing.

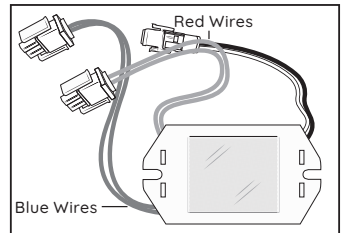


5. The ballast is shipped with the voltage switch, located on the end of the ballast, pre-set to the 230V position. Ensure that the voltage switch, is set to the appropriate position for your application.

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

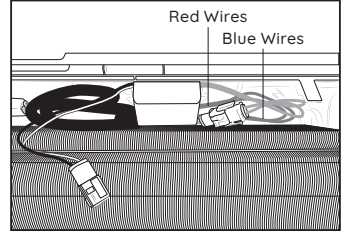


6. Attach Velcro to the ballast using same method as above.

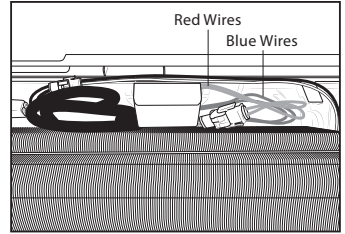
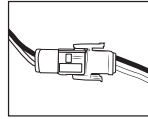


INSTALLATION STEPS (CONTINUED)

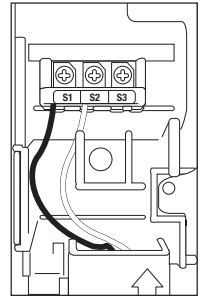
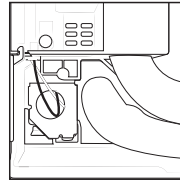
7. Mount ballast in suitable location.



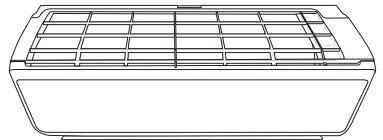
8. Connect wiring assemblies to ballast assembly using like colored wires as a guide. (ie; red to red... etc.)



9. Route power wires to the power connection terminals; connect the black wire to the S1 and the white wire to the S2.



10. Dress all wires and replace cover.



MAINTENANCE



WARNING

To Reduce the Risk of Electric Shock — Disconnect from supply before servicing or replacing.



CAUTION

This product warranty is contingent upon:

- Replacing the ActivePure Cell Assembly every (1) one year with a genuine ActivePure part (proof of change required)

Your ActivTek Mini-Split unit requires no periodic maintenance beyond normal replacement of the ActivePure® Cell Assembly.

NOTE: For optimal performance and to maintain the product warranty, we recommend the replacement of the ActivePure Cell Assembly every year, even if the UV lamp appears to be operating normally.

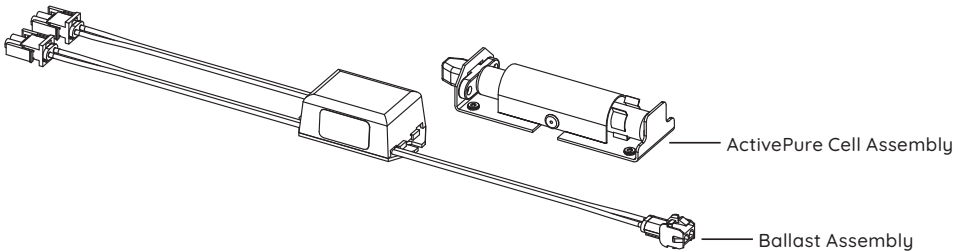
REPLACEMENT PARTS & SERVICE



WARNING

Use only replacement parts recommended by manufacturer.

REPLACEMENT PARTS	PART NUMBER
ActivePure Cell Assembly (Ozone Free)	9950164
ActivePure Cell Assembly	9950165
Ballast Assembly	9950166



Manufacturer shall not be held liable for consequences of any actions by the purchaser and/or applicator while using or applying Hydra. Due to the variety of operational conditions and applications for these systems, the user through his/her own analysis and testing is solely responsible for making the final selection of the type of system and assuming that all performance, safety, and precaution requirements of the applications are met.

**IF YOU HAVE ANY QUESTIONS REGARDING THE USE OF THIS PRODUCT,
PLEASE CONTACT CUSTOMER SERVICE AT 866.736.0503**

WARRANTY INFORMATION

Limited Two (2) Year Warranty

To register your activTek Mini-Split unit, call Customer Service at 866.736.0503 or email at Support@ActivTek.net.

Customer should not repackage and ship the activTek Mini-Split unit due to possibility of irreparable damage. For warranty service, please contact your ActivTek Distributor for the address of the nearest service center or call ActivTek Customer Service at 1-866-736-0503.

WHAT IS COVERED BY THIS WARRANTY

We warrant the ActivTek Mini-Split to the Customer, subject to the conditions below, against defects in workmanship or material, provided that the products are returned to a service location within the following time periods:

- ActivTek Mini-Split within Two (2) years of date of purchase.
- ActivePure Cell Assembly within one (1) year of date of purchase.

INSTALLATION AND MAINTENANCE REQUIREMENTS

This warranty is expressly conditioned upon proper installation, operation, cleaning and maintenance, all in accordance with the Owner's Manual. Failure to meet any of these requirements will void this warranty. Servicing of your ActivTek Mini-Split by parties other than our authorized representatives and/or using parts other than genuine parts will also void this warranty.

This warranty is contingent upon:

- Replacing the ActivePure Cell Assembly every (1) one year with a genuine ActivePure part (proof of change required)

HOW TO OBTAIN WARRANTY SERVICE

Customer must contact their ActivTek Distributor or Customer Service and provide proof of purchase within the above time periods. We will repair or replace and return the product, without charge and within a reasonable period of time, subject to the conditions herein, if our examination shall disclose any part to be defective in workmanship or material. If we, in our discretion, are unable to repair the product after a reasonable number of attempts, we will provide either a refund of the purchase price or a replacement unit, at the company's option. We reserve the right to inspect and/or require confirmation of installation method.

WHAT IS NOT COVERED BY THIS WARRANTY

Ordinary wear and tear shall not be considered a defect in workmanship or material. These warranties do not apply for loss or damage caused by accident, fire, abuse, misuse, improper installation, leaking, modification, misapplication, or by any repairs other than those provided by our authorized Service Center. This warranty is non-transferable.

UNAUTHORIZED CHANNELS & MISSING SERIAL NUMBERS

If a valid serial number is missing from the product, the warranty will be voided. ActivTek products are for sale through authorized ActivTek Distributors and Independent HVAC Contractors only. Warranties are voided if a product is purchased through unauthorized channels; this includes company sponsored or independent websites that are not authorized to use ActivTek trademarked names, images and logos as well as Internet auction sites (e.g. eBay and craigslist). The only approved company sponsored or independent internet site for ActivTek products is activtek.net. To confirm warranty coverage prior to purchasing a product, contact ActivTek at 866-736-0503 with the serial number located on the side of the ballast.

EXCLUSION OF OTHER WARRANTIES AND CONDITIONS

EXCEPT AS PROVIDED HEREIN, WE MAKE NO REPRESENTATION OR WARRANTY OF ANY KIND. ALL OTHER WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, ARE HEREBY EXPRESSLY DISCLAIMED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

LIMITATION OF LIABILITY FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES

WE SHALL NOT IN ANY CASE BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM BREACH OF EXPRESSED OR IMPLIED WARRANTIES, CONDITIONS, GUARANTEES OR REPRESENTATIONS, BREACH OF CONTRACT, NEGLIGENCE OR ANY OTHER LEGAL THEORY. Such excluded damages include, but are not limited to, loss of profits or revenue, and loss of the use of the products, and any loss caused by leaks or other water damage.

FOR U.S. APPLICATION ONLY

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on warranties, or on remedies for breach. In such states, the above limitations may not apply to you.

FOR CANADIAN APPLICATION ONLY

Exclusion of Subsequent Owners: Except as otherwise required by applicable legislation, this warranty is not transferable. This warranty gives you specific legal rights and you may also have other rights which vary from province to province. Some provinces and territories do not allow limitations on warranties, or on remedies for breach. In such provinces or territories, the above limitations may not apply to you. If any provision of this warranty or part thereof is held by a court of competent jurisdiction to be invalid, illegal, or unenforceable, the validity, legality and enforceability of the remaining provisions or parts thereof will not in any way be affected or impaired within the jurisdiction of that court. This entire warranty shall continue to be valid, legal and enforceable in any jurisdiction where a similar determination has not been made.

This warranty is provided by:

ActivePure Manufacturing, LLC
1300 Valley Drive
Bristol, VA 24201

SERVICE

Every effort is made to ensure customers receive an up-to-date instructions manual on the use of our products; however, from time to time, modifications to our products may without notice make the information contained herein subject to alteration. For the latest information, call Customer Service at 866.736.0503 or email at Support@ActivTek.net.

FCC DECLARATION & RESPONSIBLE PARTY

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a **commercial environment**. This equipment may generate, use, or could radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at their own expense. If this equipment does cause harmful interference to radio or television, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the Distributor or an experienced radio/TV technician for help.

FCC Declaration of Conformity

Name: activTek Mini-Split

Model: A1019A
A1019B

Produced by: ActivePure Manufacturing, LLC

This device complies with Part 15 of the FCC Rules.

Responsible Party

ActivePure Manufacturing, LLC
1300 Valley Drive
Bristol, VA 24201
Ph: 866.736.0503

Signature: _____



Printed Name: Andrew Eide

Title: Vice President of Product Development and Manufacturing

Date: 04/06/23



For information regarding the use of this product, please call
Customer Service at 866.736.0503 or email at Support@ActivTek.net.