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# PUREAIR™ AIR PURIFICATION SYSTEM PHOTOCATALYTIC OXIDATION (PCO) TECHNOLOGY

## INSTALLATION INSTRUCTIONS FOR PUREAIR™ AIR PURIFICATION SYSTEM MODELS PCO14-23, PCO16-28 AND PCO20-28 BALLAST AND SURGE PROTECTOR REPLACEMENT



### Shipping & Packing List

PureAir™ air purification parts which includes:

- Ballast and surge protector
- Installation instruction

### Shipping Damage

Check equipment for shipping damage. If damage is found, immediately contact last carrier.

## ⚠ WARNING

Risk of property damage, injury, or death.  
Installation and service must be performed by a licensed professional installer (or equivalent) or a service agency.

## ⚠ WARNING

Electric shock hazard.  
Can cause injury or death.  
Disconnect all electrical power supplies before servicing. Access panels must be in place during appliance operation.

## ⚠ CAUTION

Sharp edges hazard.  
Sharp edges can cause injuries.  
Use protective gloves when grasping equipment edges.

### Installation

Both the old ballast and surge protector need to be replaced at the same time.

1. Disconnect AC power cord and remove access panel.

2. Slide out the control box assembly.

REMOVING ADVANCE BRAND  
BALLAST AND LENNOX  
SURGE PROTECTOR

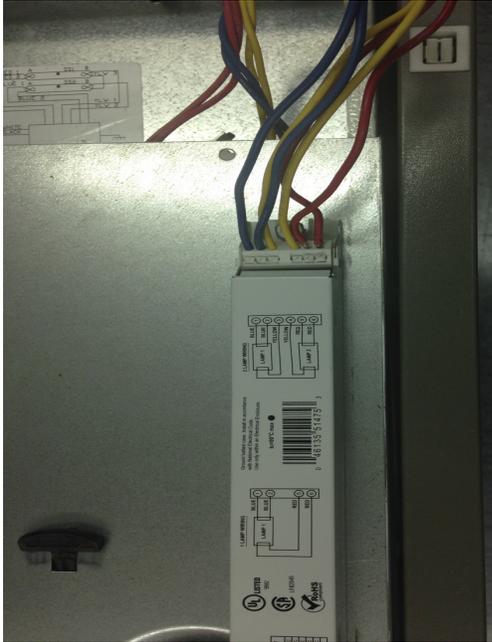


3. Remove the four screw from the control box cover and flip cover over.
4. Disconnect black and white wires from the power receptacle.
5. Using a 11/32" nut driver remove washer nut at the end of surge protector, ballast and ground wire.
6. Disconnect red, yellow and blue wire from end of ballast by depressing push-in connector and pulling wire out.
7. Slide the surge protector and ballast out of the lancing.
8. Install the new surge protector and ballast by sliding it into the lancing.
9. Secure the ballast surge protector and the ground ring terminals (green) to the control panel with the 11/32" washer nut removed earlier.

**IMPORTANT:** Verify that ground ring terminals are secure.

**IMPORTANT** Increase strip length of the red, yellow and blue wires by 0.07".

- Connect red, yellow and blue wires to the ballast matching colors to the drawing shown on the ballast.



- Connect the white and black wire with the right-angle spade connectors from the surge protector to the power receptacle.



- Flip control box cover over and secure it with the four screws.
- Slide the control box assembly in and then re-install the access panel.

**IMPORTANT:** Pull the wires to ensure the wires are latched properly to the terminal.

- Connect the white and black wires from the surge protector to the ballast.



**IMPORTANT:** Pull the wires to ensure the wires are latched properly to the terminal.

INSTALLED  
SYLVANIA BRAND  
BALLAST AND  
LENNOX SURGE  
PROTECTOR



- Reconnect the power cord and check the unit operations using the installation instruction.
- Dispose of the removed ballast and surge protector in accordance with local codes.