



INSTALLATION INSTRUCTIONS FOR PCO3S Pressure Probe Assembly Replacement Kit (16X01 and 16X02)

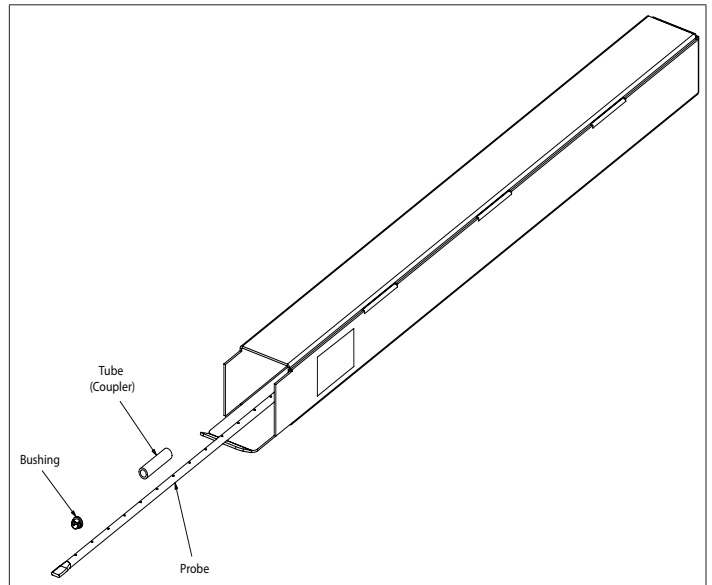


Figure 1. Parts

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

CAUTION
UVA Lamp contains mercury.
Ingestion of or contact with mercury or mercury vapor is hazardous to your health.
Take care when handling UVA lamp. If UVA lamp is broken, avoid contact with mercury.

Kit Use

If both probes need to be replaced, then two kits will need to be ordered.

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.

Table 1. Kit Catalog Numbers

Model	Catalog Number
PCO3S-14-16	16X01
PCO3S-16-16	16X02
PCO3S-20-16	16X01

Shipping and Packing List

Kits (16X01 or 16X02) includes:

- Probe (1)
- Tube coupler (1)
- Bushing (1)

Application

These kits are used to replace the pressure transducer probes in the three model sizes of the PureAir S product line.

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

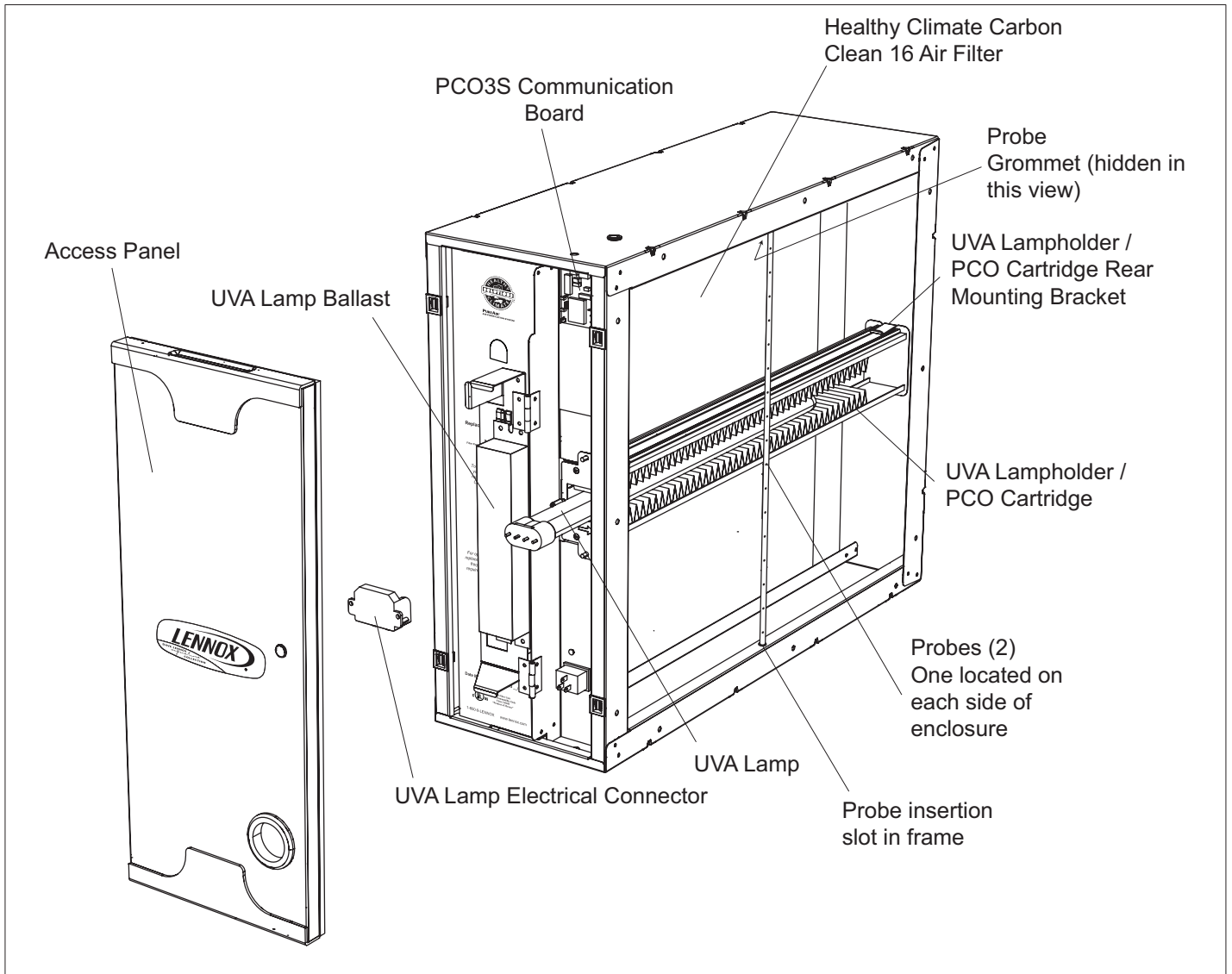


Figure 2. Parts Identification

Removal

1. Disable power to the entire system.
2. Remove access panel.
3. Disconnect communication wiring from PCO3 communication board.
4. Unplug the AC cord.
5. Remove the PCO3S cabinet from the system.
6. Remove air filter.
7. Swing hinged UVA lamp ballast assembly out of the way.
8. Disconnect UVA lamp electrical connector from UVA light.

CAUTION

Personal Burn Hazard.

UVA lamp is very hot when illuminated.

Allow lamp to cool for 10 minutes before removing lamp from socket.

Injury may result from contact with hot UVA lamp.

10. Remove UVA lamp.
11. Remove UVA lampholder/PCO cartridge.
12. Lay cabinet on opposite side of the probe being removed.
13. Disconnect the probe from the tube coupler.

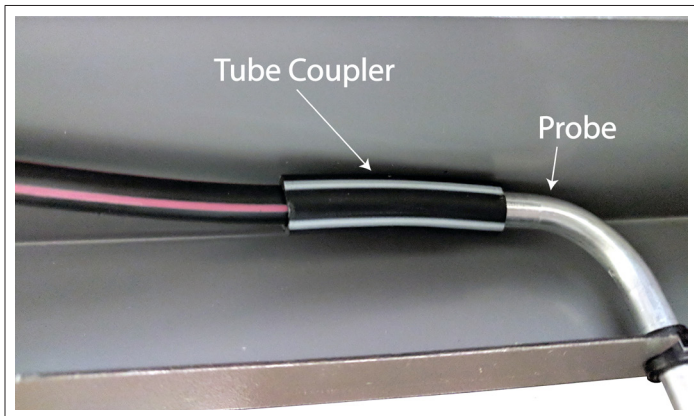


Figure 3. Disconnect

14. Remove tube coupler from rubber line to PCO3S communication board. Discard original tube coupler.
15. Use a flat-head screwdriver to pry the probe from the cabinet at the grommet location.



Figure 4. Pry Up Probe

Replacement

1. Slide the provided new grommet onto the probe at the curve end.
2. Attached the provided tube coupler to the probe curved end.
3. Insert the probe with grommet into the same location that the old probe was removed from earlier.



Figure 5. Insert Probe

4. Align probe vertically in the case exactly how the old one was installed.
5. At the opposite end of probe the grommet has a groove in it to allow it to snap into the slotted cutout on the enclosure.



Figure 6. Snap-In Probe with Grommet

7. Attached to tubing from the communications board to the tube coupler.
8. Return cabinet to upright position.
9. Install UVA lampholder/PCO cartridge
10. Install UVA lamp.
11. Connect the UVA lamp electrical connector to the UVA light.
12. Swing hinged UVA lamp ballast assembly closed.
13. Install air filter
14. Reinstall unit to the system.
15. Reconnect the communication wiring to PCO3S communication board.
16. Reattached AC power cord and plug back in.
17. Power system back on.