

**PURA VIDA**  
**AIR SYSTEMS**  
**2006D&L**



**INSTALLATION AND OPERATIONS  
MANUAL**

**PLEASE READ AND SAVE THESE INSTRUCTIONS!**

EPA  
FIFRA87447-TX-001  
8901-NV-001



CARB G-11-040

## **OPERATIONS AND MAINTENANCE SCHEDULE**

This manual will guide the maintenance personnel in installing and servicing the Pura Vida Air Systems 2006D&L unit.

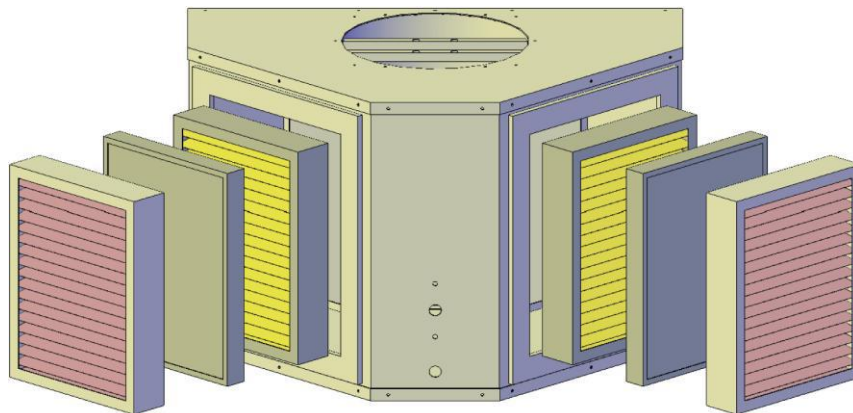
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## **INTRODUCTION**

The Pura Vida Air Systems 2006D&L is a stand-alone unit used to reduce the levels of Volatile Organic Compounds (VOCs) and viable airborne biological contaminants. The unit is utilized as a “point-of-use” air purifier. The 2006D&L uses two 2” catalyst panels and two 2” MERV 13 filters. A 1” UV shield is attached to the catalyst to protect the user from UV light. The D&L may be wall mounted or set on a surface. This unit is suitable for spaces up to 2700 ft<sup>3</sup>. For recommended unit configurations, contact Pura Vida Air Systems. All Pura Vida Air Systems products incorporate 3-step P technology: MERV Filtration, UVGI Lamps and Photocatalysis.



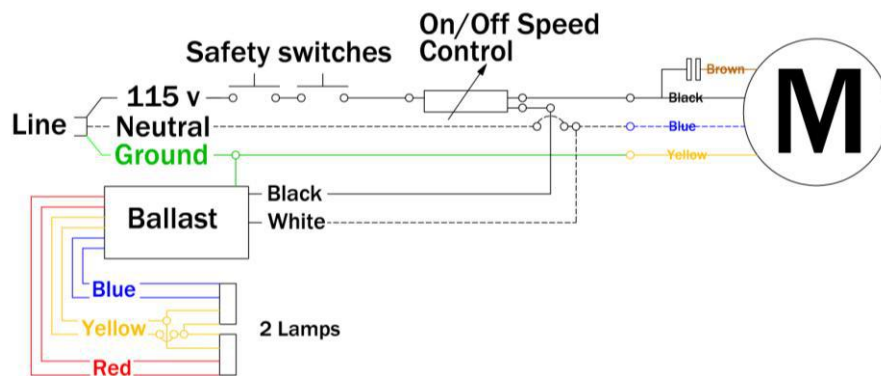
2006D&L, Filter, UV Shield and Catalyst



## **INSTALLATION**

This unit is designed to be installed as a wall-mount unit or set on a flat surface. Installation must be completed by competent personnel. **Pura Vida Air Systems assumes no liability for damages or injuries sustained from installations done by other than qualified Pura Vida Air Systems technicians.**

- For a wall-mount application, determine where this unit is to be hung. This unit has eyeholes for a horizontal hanging only. In the rear panel of the unit, there are 2 eyehole slots 11 1/16" apart.
- Install 10 lb. rated wall anchors in the position determined.
- Using a helper, hang the 2006D&L on the wall anchors.
- Plug in the unit or wire permanently using the wiring diagram below. Run the unit at all speeds, ensuring the fan has not bound during shipping. You should see a blue glow through the plastic window at bottom of the unit.



## **MAINTENANCE**

### **LAMPS**

- ALL UNITS MUST BE POWERED DOWN BEFORE SERVICING.
- ALL MAINTENANCE PERSONNEL MUST WEAR UV PROTECTIVE SAFETY GLASSES. ALL EXPOSED SKIN MUST BE PROTECTED BY UV RESISTANT CLOTHING.

### **GENERAL**

To operate effectively, the lamps must be replaced each year, as the intensity of the lamps decreases over time. The catalyst must be energized by the lamps to create the field of hydroxyl radicals that is required to remove VOCs and biologicals. Without the proper lamp output, VOCs and biologicals will not be reduced.

### **INSPECTION**

- The clear plug in the front of the unit will emit a blue glow if the lamps are operating. If one lamp is defective, neither lamp will light.
- **Power the Pura Vida Air Systems unit down using the kill switch or breaker to unit.**
- Open the front grille and remove the air filter and UV shield catalyst assembly.
- If a lamp appears blackened at one end, replace the lamp with a Pura Vida Air Systems UV lamp. Ensure each lamp is plugged in firmly to receptacle.
- Replace catalyst UV shield and filters in proper orientation and close the grille.
- Power up the unit.

- If the clear plug does not emit any glow, the problem may be in the ballast or wiring. Call your Pura Vida Air Systems Representative for assistance.

## REMOVAL

- **Power the Pura Vida Air Systems unit down using the kill switch or breaker to unit.**
- Open the front grille and remove the air filter and UV shield catalyst assembly.
- Tilt the lamp and rock back and forth gently while pulling steadily upwards. **BE SURE NOT TO USE FORCE!** The lamp may burst if it collides with the fan.

## DISPOSAL

- In most states and provinces, UV lamps may be disposed of in the same manner as fluorescent lamps. While UV lamps contain a trace amount of mercury, the quantity is so minute that disposal is not regulated by federal standards established by the EPA. Individual states and provinces may have established disposal standards. Please adhere to your local regulations.

## INSTALLATION

- Installation is the reverse of removal.

## CATALYST

- ALL SYSTEMS ARE PROVIDED WITH A RESERVE UNIT.
- ALL MAINTENANCE PERSONNEL MUST WEAR PROTECTIVE SAFETY GLASSES. ALWAYS WEAR SAFETY GLASSES WHEN REMOVING OR INSTALLING THE CATALYST.

## GENERAL

Pura Vida Air Systems recommends catalyst replacement every fifteen years to provide an efficient system. As debris and contaminants accumulate on the catalyst, the effectiveness of the catalyst is decreased. The catalyst must be inspected periodically for build up of particulate.

## INSPECTION

- Turn off power to the 2006D&L unit. Unplug unit from service.
- Open the front grille and remove the air filter and UV shield catalyst assembly.
- If the catalyst appears clean and free of particulate, congratulations! Otherwise, proceed to removal.

## REMOVAL

- **If the catalyst will be cleaned and reused, keep track of orientation so they will be returned from the order they were removed. This will prevent installation problems.**
- Turn off power to the 2006D&L unit. Unplug unit from service.
- Open the front grille and remove the air filter and UV shield catalyst assembly.

## CLEANING

- If the catalyst needs cleaning, remove catalyst panel. Proceed to a wash bay, mop sink or other washing area.
- Shake or brush heavy particulate from the catalyst.
- Spray catalyst liberally using a universal lean, Special D or other suitable coil cleaner on catalyst only. Allow to sit 15 minutes, and then wash off with water.

- Allow catalyst to dry completely before returning to service. May be dried in the sun.

**DISPOSAL**

- Individual states and provinces may have established disposal standards. Please adhere to your local regulations.

**INSTALLATION**

- Installation is the reverse of removal.

**BALLASTS**

The ballast supplies power to the lamps. It is located in the 2006D&L unit, where power enters the unit. If a lamp is unlit and a new lamp attached to the same harness will not light, the ballast may be at fault. If a ballast failure is suspected, contact Pura Vida Air Systems for replacement options.

**FILTERS**

The filters help protect the catalyst and lamps from dirt and debris. They should be inspected and replaced regularly. Pura Vida Air Systems recommends MERV-13 or higher filters.

**REPLACEMENT PART NUMBERS AND SCHEDULE**

Lamps, catalyst and ballast should only be replaced by the Pura Vida Air Systems equivalent.

	DESCRIPTION	Pura Vida Air Systems PART NUMBER
<b>BALLAST</b>	Advance IUUV-2S18-HI-LD	<b>GA18IUUV</b>
<b>LAMPS</b>	Philips PL-L 18W/TUV	<b>UVCHO18W</b>
<b>FILTER</b>	8"x 10"x 2" MERV 13	<b>GA0810213</b>
<b>CATALYST</b>	8"x 10"x 2"	<b>GA08102S</b>
<b>UV SHIELD</b>	8"x 10"x 1"	<b>GA0810UVS</b>

**UL DISCLAIMERS**

- The health aspects associated with the use of this product and its ability to aid in disinfection of environment air have not been investigated by UL.
- Use only Philips type TUV PL-L 18 Watt lamps.



Phone 210-867-3500  
[www.puravidaairstystems.com](http://www.puravidaairstystems.com)

**LIMITED WARRANTY**

**FAILURE TO MAINTAIN YOUR EQUIPMENT WILL VOID THIS WARRANTY**

Your P RA VIDA AIR S STEMS purification system is expressly warranted from the date of installation to be free from manufacturing defects for the coverage period stated below. Defective parts must be returned no later than thirty (30) days after the failure by you to the installing contractor together with the P RA VIDA AIR S STEMS purification system’s model number, serial number, and documented installation date of the P RA VIDA AIR S STEMS purification system.

**ONE (1) YEAR COVERAGE -- RESIDENTIAL AND COMMERCIAL APPLICATIONS**

The covered equipment and covered components are warranted by P RA VIDA AIR S STEMS for a period of ONE (1) year from the date of the original unit installation, when installed in a residential or commercial application. If during this period, a covered component fails because of a manufacturing defect, P RA VIDA AIR S STEMS will provide a free replacement part. You must pay shipping charges and all other costs of warranty service. P RA VIDA AIR S STEMS will not pay labor involved in diagnostic calls or in removing, repairing, servicing or replacing parts. Such costs may be covered by a separate warranty provided by the installer.

NOTE - If the date of original installation cannot be verified, the warranty period will be deemed to begin six (6) months after the date of manufacture.

**EXCLUDED COMPONENTS**

The following components are not covered by this warranty: the UVCGI lamps or the pleated photo catalytic material. These are replacement items, which must be replaced as stated in the Maintenance section of the installation instructions to ensure effective operation.

**REPAIRS**

All repairs of covered components must be made with authorized service parts by a qualified service dealer or contractor. Labor charges are not covered by this warranty.

**WARRANTY LIMITATIONS**

This warranty will be voided if the covered equipment is removed from the original installation site. This warranty does not cover damage or defect resulting from:

- 1 - Flood, wind, fire, lightning, or installation and operation in a corrosive atmosphere (chlorine, fluorine, salt, recycled waste water, urine, fertilizers, or other damaging chemicals).
- 2 - Accident, or neglect or unreasonable use or operation of the equipment, including operation of electrical equipment at voltages other than the range specified on the unit nameplate (includes damages caused by brownouts).
- 3 - Modification, change or alteration of the equipment, except as directed by P RA VIDA AIR S STEMS.
- 4 - Operation with system components (indoor unit and control devices), which do not match, or meet the specifications recommended by P RA VIDA AIR S STEMS.
- 5- Operation with system components (indoor unit and control devices), which exceed operational temperature range of -20 F to 122F.

THIS WARRANTY SHALL NOT OBLIGATE THE MANUFACTURER FOR ANY LABOR COSTS AND SHALL NOT APPLY TO DEFECTS IN WORKMANSHIP OR MATERIALS FURNISHED BY THE INSTALLING CONTRACTOR AS CONTRASTED TO DEFECTS IN THE P RA VIDA AIR S STEMS PURIFICATION SYSTEM ITSELF. IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED IN DURATION TO THE AFORESAID COVERAGE PERIOD. THE MANUFACTURER’S LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, OTHER THAN DAMAGES FOR PERSONAL INJURIES, RESULTING FROM ANY BREACH OF THE AFORESAID IMPLIED WARRANTIES OR THE ABOVE LIMITED WARRANTY IS EXPRESSLY EXCLUDED. THIS LIMITED WARRANTY IS VOID IF DEFECT(S) RESULT FROM FAILURE TO HAVE THIS UNIT INSTALLED BY A QUALIFIED HEATING AND AIR CONDITIONING CONTRACTOR. IF THE LIMITED WARRANTY IS VOID DUE TO FAILURE TO USE A QUALIFIED CONTRACTOR, ALL DISCLAIMERS OF IMPLIED WARRANTIES SHALL BE EFFECTIVE UPON INSTALLATION.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

**To register your new PURA VIDA AIR SYSTEMS Purification System, PLEASE CUT ON DOTTED LINE AND RETURN THE REGISTRATION FORM TO THE ADDRESS NOTED BELOW.**

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Customer Name Address City State Province Zip Postal Code Home Phone E-mail Installing Contractor Phone Date of installation Model Number	Customer Registration Form  Please send this completed form to P RA VIDA AIR S STEMS 20 De Line St. San Antonio, TX 78210	
	Serial Number	