



**AIR-PURE SYSTEMS**

**HEPA-FLOW™**



**Room Air Purifier**

*Class II Medical Device*

**USE AND CARE MANUAL**

**Model: APS625**

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# Welcome!



Congratulations, you have acquired a high quality Air Purification system.

The **APS625 HEPA-FLOW™** Air Purification System is accepted and used by the recipient individual or group with the understanding that **Air-Pure Systems**, makes no warranties, express or implied, concerning the product's suitability for any particular application, and **Air-Pure Systems** shall be under no liability whatsoever to any such individual or group entity by reason of any use made thereof. Due to **Air-Pure Systems** continuing program of product improvements, specifications are subject to change without notice.

This **Use and Care Guide** has been developed by **Air-Pure Systems** to support the installation and operation of the **APS625** Air Purification System. Information in this document is subject to change. While every effort has been made to present correct information, the company disclaims liability for difficulties resulting from inadvertent errors or from misinterpretation of the materials contained herein.

**Serial No.** \_\_\_\_\_

For warranty information, see the Appendix section of this Use and Care Guide.

**Warrantor and Technical Assistance:**

**Air-Pure Systems**  
**16873 Fish Point Rd SE**  
**Prior Lake, MN 55372**  
**(952)226-1112**

Visit us on the internet: <http://www.airpuretech.com>  
Email us at: [info@airpuretech.com](mailto:info@airpuretech.com)

# INTRODUCTION

**!!READ AND SAVE THESE INSTRUCTIONS!!**

## Essential Safety Precautions



### **Warning**

**TO REDUCE OR AVOID THE HAZARDS OF ELECTRICAL SHOCK AND FIRE:**

- **Do not** expose this appliance to rain or moisture.
- **Do not** handle the power cord with wet hands.
- **Do not** pull the power cord when disconnecting it from an AC outlet. Grasp the plug, not the cord.
- **Do not** place anything directly on top of the unit.
- **If water is spilled on the unit, unplug the power cord immediately** and take the unit to an authorized service center for a safety inspection.

**In addition to the specific warnings noted above, observe the following points related to the unit:**

1. Read the Use and Care Guide before operating this equipment.
2. Retain the Use and Care Guide, since the safety and operating instructions could be required for future reference.
3. Heed warnings associated with handling, installing, using, and maintaining this equipment.
4. Follow all set-ups, operating, and use instructions.
5. When cleaning and servicing, unplug this product from the wall outlet **before** cleaning or servicing the unit.
6. Water and Moisture: Do not use this product near water — for example, near a bathtub, washbowl, kitchen or bathroom sink, or laundry tub, in a wet basement, or near a swimming pool.
7. Power Sources: This equipment should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply available to you in your facility, consult your dealer or Power Company.

8. Grounding or Polarization: This unit is equipped with a polarized alternating-current (AC) plug (a plug having one blade wider than the other). For safety purposes, this plug will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, try reversing the plug. If it still does not fit, call an electrician to replace this obsolete outlet. ***Do not attempt to bypass this safety feature.***
9. Power-Cord Protection: Power-supply cords should be routed so that they will not be walked on or pinched by objects placed on or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit the unit.
10. Do not overload wall outlets and extension cords — this practice can result in risk of fire or electrical shock.
11. Replacement Parts: When parts need servicing, service technicians should use replacement parts specified by the manufacturer or parts having the same characteristics as the original part. Unauthorized substitutions may result in fire, electrical shock, or other hazards.
12. After any service or repair to this equipment, ask the service technician to perform safety checks to assure that the unit is operating properly.



### **Important**

**Although the *HEPA-FLOW™* APS625 is an effective means of reducing airborne contaminants; it is intended to be used in conjunction with standard universal precautions, such as the use of facial respirators, gloves, gowns, and other protective measures.**

## What the APS625 Does

The **HEPA-FLOW™** APS625 is an effective defense against viable and nonviable airborne contaminants such as lint, dust, spores, pollen, bacteria, molds, and other microorganisms. It combines three methods of air-quality control:

- High-efficiency particulate air (HEPA) filtration.
- Ultraviolet germicidal irradiation (UVGI).
- Room pressurization capability.

Ideal for use in a variety of settings — including Hospital Isolation, Emergency, Bronchoscopy, and Autopsy Rooms; Nursing Homes, Rehab Centers, Correctional Facilities and Laboratories — this compact stand-alone unit provides efficient, flexible air filtration and purification.



**The *HEPA-FLOW™* Mobile APS625**

## Where Unit Can Be Installed

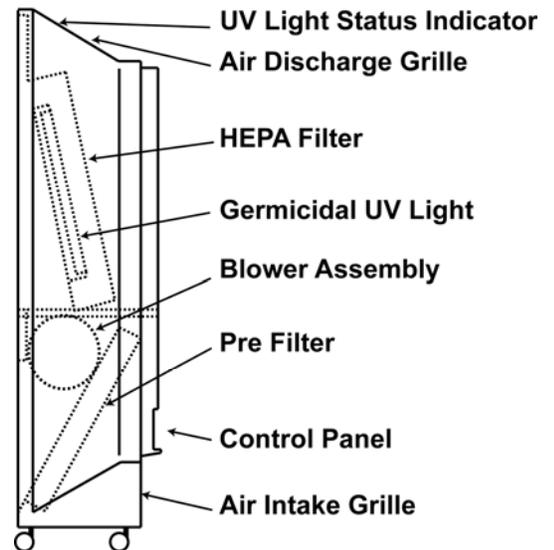
The **HEPA-FLOW™** APS625 is a mobile floor unit. Please see "Equipment Options" in the Appendix for accessories required in specific applications.

## How the Unit Filters and Purifies the Air

The **HEPA-FLOW™** APS625 draws room air in through a return air grille at the bottom and discharges filtered air (supply air) through a grille at the top. This airflow direction cleans the room air of dust, dirt, and other particles by pulling them down, out of the air and provides cleaned air at the breathing zone.

As air enters the bottom of the unit, it passes through a protective grille that prevents objects (pieces of paper, etc.) from entering the unit and helps assure safety. The air then passes through a 30% efficient, ASHRAE antimicrobial filter. This disposable filter, called the pre-filter, prolongs the life of the finer HEPA filter by removing large particles from the incoming air.

A blower then forces the air into the unit's upper chamber, where it is exposed to germicidal ultraviolet light (253.7nm). Trapped on the inlet side of the HEPA filter, viable microorganisms are continuously exposed to this UV radiation, which changes the DNA structure of the particles and renders them harmless.



Finally, the air passes through the HEPA filter, which is 99.97% efficient in capturing particles 0.3 microns or larger. Particles this size—10,000 times smaller than a human hair and 2,500 times too small to be seen by the unaided human eye—include pollens, lung damaging dust, bacteria, viruses, and tobacco smoke.

The HEPA filter is firmly sealed to prevent air from leaking around it, assuring that all processed air has been both radiated and filtered. The sterilized air exits into the room through the discharge grille at the top of the unit providing cleaned air at the breathing zone.



### Important

Although the **HEPA-FLOW™** APS625 is an effective means of reducing airborne contaminants; it is to be used in conjunction with standard universal precautions, such as the use of facial respirators, gloves, gowns, and other protective measures.

# Set-Up and Operation

## Unpacking

To unpack the **HEPA-FLOW™** APS625, complete the following steps:

1. Check the shipping box for damage. Call **Air-Pure Systems** - and the shipping company — right away if any damage is evident.
2. Remove unit off of pallet, stand the shipping box upright, open it, remove packing materials and wheel unit out.
3. Check the unit for physical damage. Call **Air-Pure Systems** immediately if any damage is present.
4. Verify the contents of the shipment against the packing list.
5. Record serial number from back of unit onto the manuals or other place of reference.

## Packing List

1. APS625 with HEPA Filter, UV Lamp, and Prefilter installed in unit (the UV Lamp and Prefilter are not visible without opening the unit).
2. 2 Manuals
3. 2 Service Keys
4. 2 Operator's Keys
5. UL Listed Hospital Grade Cable
6. Certificate of Performance

Call (952) 226-1112 to report any damage during shipment or missing parts.

## Room Requirements

The **HEPA-FLOW™** APS625 requires a standard 110-volt, 60-Hz, three hole grounded electrical outlet on a 15-amp (minimum) circuit. (A 220-volt, 50Hz model is also available.) The unit comes with an UL Listed Hospital Grade Cable (part no. 14-6066).



**WARNING: Do not use an adapter with an ungrounded two-hole outlet to connect this unit. If necessary, call an electrician to update your electrical plugs and/or circuitry to accommodate the unit.**

If the room needs to be pressurized, an opening to air outside the room is also required. See "Equipment Options" in the Appendix for accessory products designed for use in pressurizing the room.

## Set-Up Procedures

1. The APS625 is a freestanding floor unit that can be rolled easily to the desired position in the room. The negative pressurization kit can be installed on any of the different options. See Equipment Options section of Appendix for different types of units.

2. Roll the unit to the desired location. Position the unit close enough to a 110-volt (or, if appropriate, 220-volt) grounded electrical outlet so that you can plug the unit in without using an extension cord. Make sure the plug is accessible—the unit will need to be unplugged monthly for routine maintenance.

**Note:** To achieve proper airflow, be sure the return-air grille (at the bottom) and the clean-air discharge grille (at the top) are both unobstructed. There should be a free flow of air into and out of the unit.

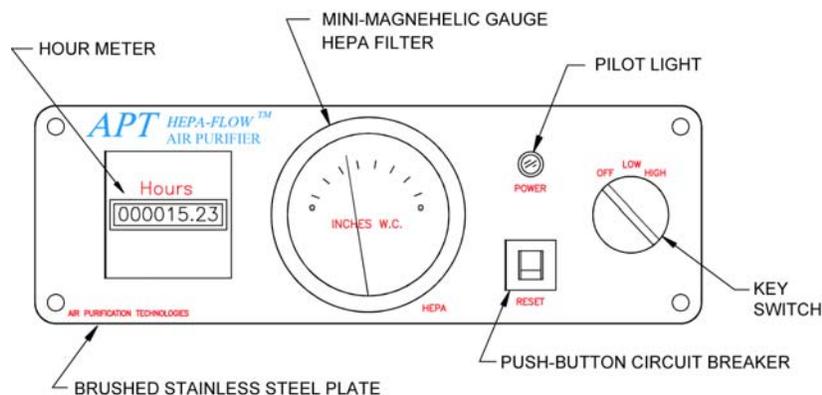
3. Plug one end of the power cord into the plug on the side of the unit. Press the cord fully into position so that it's firmly seated.
4. Plug the other end of the power cord into the grounded electrical outlet in the room. Make sure the cord is neatly and safely arranged so that people don't trip on it or walk over it.

## Turning the Unit On

1. Be sure the power cord is plugged into the unit and that the unit is plugged into a suitable three-hole grounded outlet.
2. Insert the operator's key into the key switch.
3. Turn the key clockwise to LOW or HIGH, depending on the desired operating speed. The indicator light will come on to show that the unit is operating.
4. Remove the key to prevent unauthorized changes to the unit's operation.

## Turning the Unit Off

1. Insert the operator's key into the key switch.
2. Turn the key counterclockwise to OFF. The indicator light will go off to show that the unit has stopped operating.
3. Remove the key to prevent unauthorized operation of the unit.



## Adjusting the Low Fan Speed

The following procedure sets the operating speed of the fan when the unit is set to the LOW setting. The low fan speed adjustment is located inside the unit to prevent tampering by unauthorized personnel. You'll need the service key to access the low fan speed control.



**WARNING:** Because of the danger of putting fingers into the blower when the pre-filter is removed, only a qualified service technician should perform this procedure.

**NOTE:** Never adjust the unit down to 0 Cubic Feet per Minute (CFM). Running the unit at 0 CFM will damage the motor.

1. With the unit running, use the service key to remove the front panel, as described under "Monthly Maintenance" in the next section.
2. Remove the pre-filter as described under "Monthly Maintenance" in the next chapter.
3. Turn the low fan speed control to the desired CFM setting. Keep in mind that the higher the setting, the higher the noise level produced while the unit operates at LOW. Consideration in setting low speed should be given to the desired ACH and negative pressure (if used). The basic formula for determining estimated ACH (perfect mixing) is:

$$\text{ACH} = \frac{\text{CFM}}{\text{Room Volume} \times 60}$$

4. Replace the pre-filter and front panel.

**Note:** At the HIGH setting, the unit always operates at maximum capacity and maximum fan speed. The procedure described above adjusts only the fan speed when the unit operates at LOW.

**Changing the Low Fan Speed Setting**  
(Front access cover and Pre-filter removed)

Variable blower speed control



## The Importance of Good Maintenance

Performing the monthly and annual maintenance procedures detailed in this section will keep your **HEPA-FLOW™** APS operating at peak performance. It's important to perform these routine maintenance procedures promptly and carefully — especially when air contamination is a concern—and to record all maintenance steps. You can record such steps using photocopies of the Maintenance Log provided at the end of this chapter.

- Perform **monthly maintenance** procedures every 30 days or every 600 hours of operation.
- Perform **annual maintenance** procedures every 18 months, every 6800 hours of operation, or as indicated by maintenance monitoring devices (magnehelic gauge, UV status light).



**WARNING: Observe the following safety considerations when performing service to the unit:**

1. Always unplug the unit from the electrical outlet before performing service operations. Leave it unplugged until service is complete.
2. Never look directly at the UV light when the unit is running. Serious eye skin injury may result.
3. When the unit is used in a contaminated environment, treat all inside components, filters, and surfaces as contaminated material. Follow appropriate handling and disposal protocols, and observe standard universal precautions such as the use of facial respirators, gloves, gowns, and other protective measures.

**Note:** The unit's fan assembly is permanently lubricated and requires no maintenance procedure.

## Monthly Maintenance

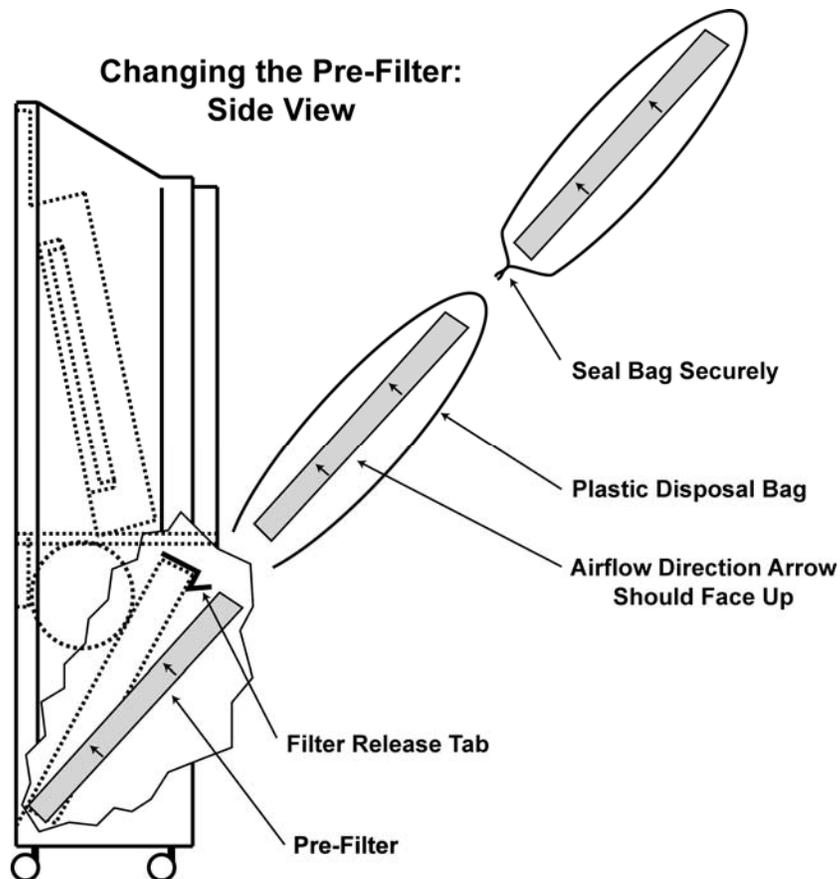
To maintain optimal performance, complete this maintenance procedure every 30 days or every 600 hours of operation.

### **Supplies required: (no tools required)**

- Service key
- Operator's key
- Pre-filter (standard acetate or carbon treated) (Part #: 14-6010)
- Sealable plastic bag for disposal of old pre-filter
- Spray disinfectant (15% bleach solution or medically acceptable spray)
- Clean, soft cloths
- Personal protection

### Monthly Maintenance Procedure:

1. Put on an appropriate facial respirator, gown, and gloves. Observe all other pertinent safety measures and protocols.
2. If the unit is running, insert the operator's key in the key switch and turn the key to the OFF position.
3. Unplug the power cord from the electrical outlet.
4. Use the service key to unlock the four service locks on the front access cover. Insert the service key into each lock, push in against the spring, and turn the key 90° to the left.
5. Remove the front access cover.
6. Remove the old pre-filter as follows: Pull down on the pre-filter's top edge and lift up on the tab to release it, then pull the it up and out as shown in the illustration. As you pull the pre-filter out, slip the plastic disposal bag over the top of it. Work the bag down over the pre-filter as it is being removed.
7. Promptly close and seal the plastic disposal bag.



8. With the airflow arrow facing up, set the new pre-filter in place against the channel at the bottom. Snap the top edge of the filter up into place under the tab.

9. Replace the front access cover. Secure the service door by inserting the service key into each lock, pressing in against the spring, then turning the key 90°.
10. Clean the exterior of the unit using a spray disinfectant and a soft cloth.
11. Plug the unit back in.
12. Test the unit's operation as follows: Turn the unit on by inserting the operator's key into the key switch and turning it to LOW. Run at LOW for 60 seconds, then at HIGH for 60 seconds. Listen for smooth operation and check for free airflow from the clean air discharge grille at the top.
13. Dispose of the old pre-filter properly (as contaminated waste, for example), observing all pertinent disposal protocols and procedures.
14. Record the completion of these procedures.

# Annual Maintenance

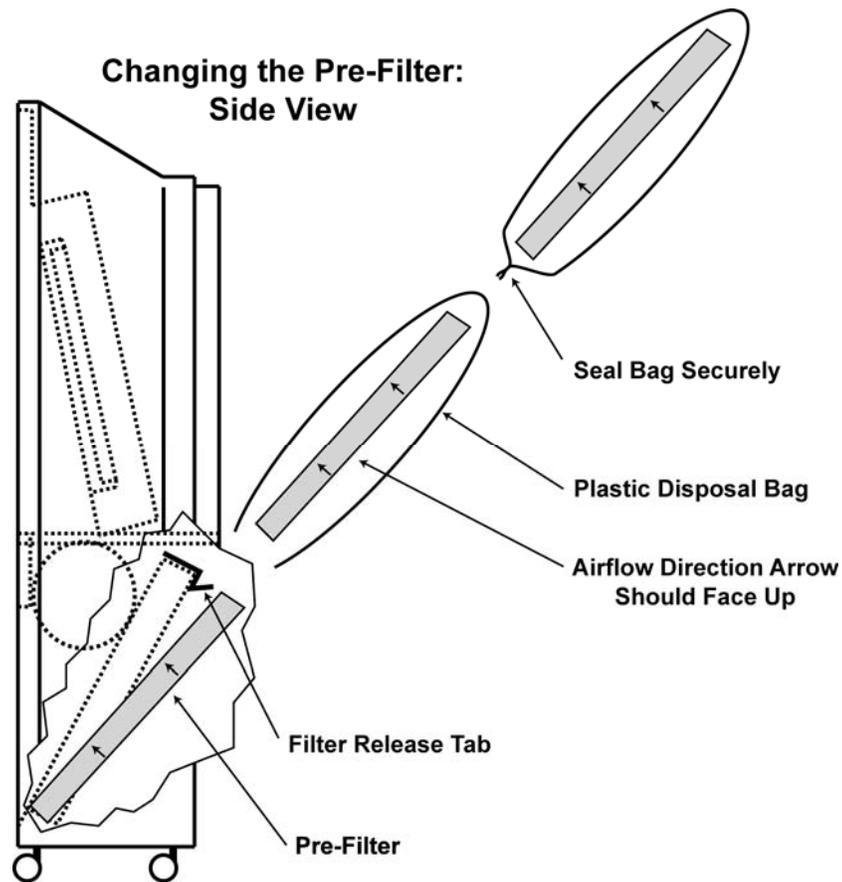
To maintain optimal performance, complete this maintenance procedure every 18 months, every 6800 hours of operation, or as indicated by maintenance monitoring devices (magnehelic gauge shows "CHANGE HEPA" or UV status light is not illuminated).

## Supplies required: (no tools required)

- Service key
  - Operator's key
  - Pre-filter (Part #: 14-6010)
  - HEPA main filter (Part #: 14-6009)
  - UV light bulb\* (Part #: 09-6005)
  - 7/16-inch wrench or ratchet (for models purchased prior to Feb. 1996)
  - Three sealable plastic bags for disposal of old pre-filter, HEPA filter, and UV light bulb\*\*
  - Spray disinfectant (15% bleach solution or medically acceptable spray)
  - Clean, soft cloths
  - Personal protection
- **Note:** Be sure to replace the UV light bulb on an annual basis. Even if the bulb still lights, it loses intensity (and thus effectiveness) after about 8,000 hours of operation.

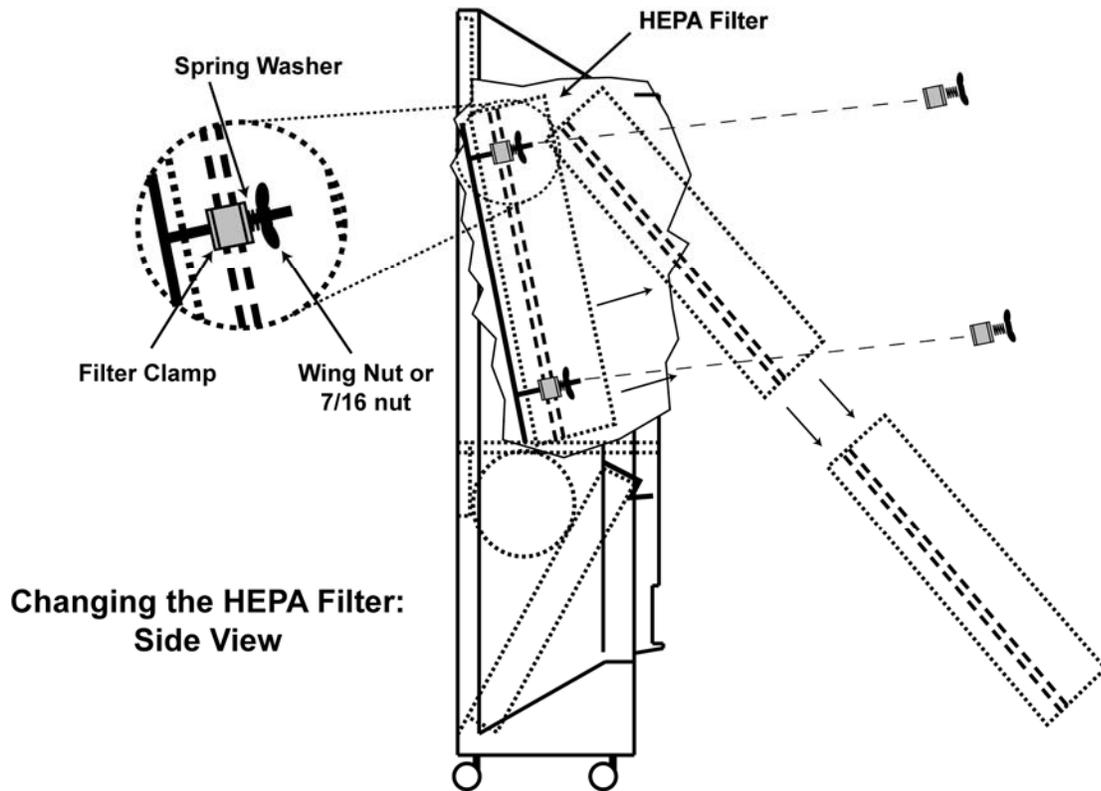
## Annual Maintenance Procedure:

1. Put on an appropriate facial respirator, gown, and gloves. Observe all other pertinent safety measures and protocols.
2. If the unit is running, insert the operator's key in the key switch and turn the key to the OFF position and tag out.
3. Unplug the power cord from the electrical outlet.
4. Use the service key to unlock the four service locks on the front panel. Insert the service key into each lock, push in against the spring, and turn the key 90°.
5. Remove the front panel.
6. Remove the old pre-filter as follows: Pull down on the pre-filter's top edge to release it from the tab, then pull it out as shown in the illustration. As you pull the pre-filter out, slip the plastic disposal bag over the top of it. Work the bag down over the pre-filter as it is being removed.
7. Promptly close and seal the plastic disposal bag.



**WARNING: Be sure the unit is unplugged before proceeding to the next step. Removing the HEPA filter while the UV light is on could cause serious eye injury.**

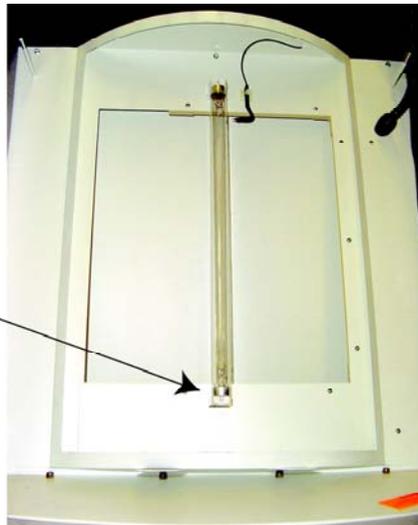
8. Turn the four wing nuts that hold the HEPA filter's clamps in place counterclockwise. Then remove the four clamps and their springs, washers, and nuts. For older units, use the 7/16 inch wrench.
9. Remove the HEPA filter as follows: First, pull the bottom toward you. Then slide the filter down as illustrated, slipping the plastic disposal bag over the bottom of it as in the procedure for removing and disposing of the pre-filter. Work the bag up over the filter as the filter is being removed.
10. Promptly close and seal the plastic disposal bag.



11. With the HEPA filter removed, grasp the UV light bulb at its center. Turn it gently 90° in either direction so that the prongs on the top and bottom can slide out of their sockets. Gently remove the bulb.

**Removing the UV Bulb:  
Front View**

Turn bulb gently 90°  
to release prongs



12. Promptly place the old UV light bulb in a plastic disposal bag. Seal the bag.

13. Use a soft cloth and disinfectant to clean the inside of the unit wherever dust is visible. Clean all surfaces including the inside of the front panel. Pay special attention to the surfaces behind the UV bulb and around the fan assembly by the pre-filter.
14. With the airflow arrow facing up, set the new pre-filter in place against the channel at the bottom. Snap the top edge of the filter up into place under the tab.
15. Install the new UV light bulb. Slide it into place, turning it 90° in either direction until the prongs "catch" in the sockets.
16. Use non-curing silicone sealant and lightly coat the HEPA gasket. Insert the new HEPA filter, top first, and center over the filter pan.
17. Reattach the HEPA filter's clamps, including springs, washers, and nuts. ***Finger tighten only.*** Check to assure that the filter is securely seated, with the gasket forming a seal against the frame. (The clamps should automatically position the filter correctly as you tighten the nuts.)
18. Tighten the four nuts gradually as follows: Use the 7/16-inch wrench or ratchet on older models. Tighten one nut two or three turns, then the next nut two or three turns, then the next, and so on—proceeding around from nut to nut until the springs are compressed about 1/2-2/3 of the way. This method of tightening helps ensure that the gasket on the back of the filter provides an even, leak-free seal.
19. Replace the front panel. Secure the service locks by inserting the service key into each lock, pressing in against the spring, then turning the key 90°.
20. Clean the exterior of the unit using the spray disinfectant and soft cloths.
21. Plug the unit back in.
22. Test the unit's operation as follows: Turn the unit on by inserting the operator's key into the key switch and turning it to LOW. Run at LOW for 60 seconds, then at HIGH for 60 seconds. Listen for smooth operation and check for free airflow.
23. Properly dispose of the old pre-filter, HEPA filter, and UV bulb (as contaminated waste, for example), observing all pertinent disposal protocols and procedures.
24. Record the completion of these annual maintenance procedures.

# APS 625 Maintenance Log

Photocopy this page for use in recording monthly and annual maintenance. Check off completed steps, and note any comments in the margins or at the bottom of the page. Keep completed log pages together in a safe place.

**Monthly Procedures**                      **Done**

	<b>Replace Pre-Filter</b>	<b>Clean Exterior</b>	<b>Test Operation</b>	<b>Hour Counter Reading</b>
January	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
February	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
March	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
April	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
May	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
June	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
July	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
August	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
September	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
October	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
November	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
December	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

**Annual Procedures**                      **Done**

- Replace pre-filter
- Replace HEPA filter
- Replace UV bulb
- Clean interior
- Clean exterior
- Test operation
- Hour counter reading \_\_\_\_\_

Unit Serial Number(s): \_\_\_\_\_

Procedures  
Completed By: \_\_\_\_\_

Date: \_\_\_\_\_

## Equipment Options

The **HEPA-FLOW™** APS625 Air Purification System operates as a freestanding, mobile unit. However, the equipment options and accessories listed below allow you to customize the unit to meet different room and installation requirements.

- **Negative Pressurization Kit:** Contains components and hardware to modify the mobile or wall mounted unit for either (a) negative pressurization that exhausts part of the disinfected air, (re-circulate and exhaust) or (b) negative pressurization that exhausts 100% of the disinfected air. Note: An opening to air outside the room is also required. Please be sure to specify which percentage of the disinfected air you want to exhaust.
- **220V Unit:** The APS625 is also available in a 220V, 50H. Please specify if this option is desired.

For further information on these equipment options, please contact the Sales Department at Air-Pure Systems, at the phone number

## Technical Support: (952) 226-1112

Or write to us at the following address:

Sales Department  
Air-Pure Systems  
16873 Fish Point Rd SE  
Prior Lake, MN 55372  
952-226-1112

Email: [Techsupport@airpuretech.com](mailto:Techsupport@airpuretech.com)

Online: [www.airpuretech.com](http://www.airpuretech.com)

# APS Negative Pressurization Kit

## To exhaust 100% of disinfected air

These instructions cover the steps required to adapt the APS Room Air Purifier to create negative room pressurization and to exhaust 100% of the air disinfected by the unit. For general installation and operating requirements, consult the *APS Use and Care Guide*.

### Parts Listing

The 100% Negative Pressure Kit (**Part #: 14-6302**) includes the parts outlined below:

<u>Part Name</u>	<u>Part Number</u>	<u>Qty</u>
Exhaust adapter hood with gasket (10" round opening)	14-6232	1
Nylon wing nut (#6-32)	14-6032	2
10" flexible duct, 6 ft long	14-6710A	1
Cable Tie, 47" long	14-6711	2

### Tools & Materials Required

None - parts install entirely by hand.

### Installation Steps

**Note:** An opening to air outside the room is also required.

1. Unplug the unit from the electrical outlet.
2. Use the service key to unlock the four service locks on the front access cover. Insert key into each lock, push in against spring, and turn key 90°.
3. Remove the front access cover.
4. Find the two wing nuts that hold the top perforated grille in place. (These are located in the front underside right and left corners of the unit.) Remove the wing nuts.
5. Gently pry out the perforated grille, lifting the front edge first. The rear edge has tabs that allow the grille to pivot. Remove the grille completely and set it aside.
6. Install the exhaust adapter hood (exhaust stack facing up, as shown) in the space where the grille used to be.
7. Reattach the wing nuts to secure the hood. Tighten the wing nuts by hand only.
8. Replace the front panel. Use the service key to lock all four service locks, pushing in against the spring and turning the key 90°.

9. Place the mobile unit in the desired area for exhausting the air.
10. Lock the brakes of the front casters so the unit cannot be easily moved.
11. Connect the appropriate flexible ducts from the exhaust adapter hood to an opening to air outside the room.
12. Plug unit back into the electrical outlet. To operate, follow the instructions provided in this *APS Use and Care Guide*.



**Unit appearance after negative pressure hood is installed**

# Parts, Specifications and Approvals

## Parts

<u>Part Number</u>	<u>Description</u>	<u>Qty Sent Per Unit</u>	<u>Qty Needed Per Year</u>
14-6009	HEPA Filter	1	1
14-6010	Pre-filter	1	12
09-6005	UV Light	1	1
14-6066	UL Listed Hospital Grade Cable	1	If Required
N/A	Operator's Key	2	If Required
N/A	Service Key	2	If Required

To order parts above and any other parts, call 1-(952) 226-1112.

## Specifications (Mobile Unit)

Weight: Approx. 168 lbs. (76 kg.)

Height: 57.25 in.

Width: 26.38 in.

Depth: 14.25 in.

Power: 120V 60Hz

Power Consumption: 827 Watts

Airflow: High: 625 CFM Maximum

Low: 425 CFM (Factory Set).

Low speed can be increased or decreased using the speed control knob inside the unit, see **Adjusting the Low Fan Speed** section of this Use and Care Guide.

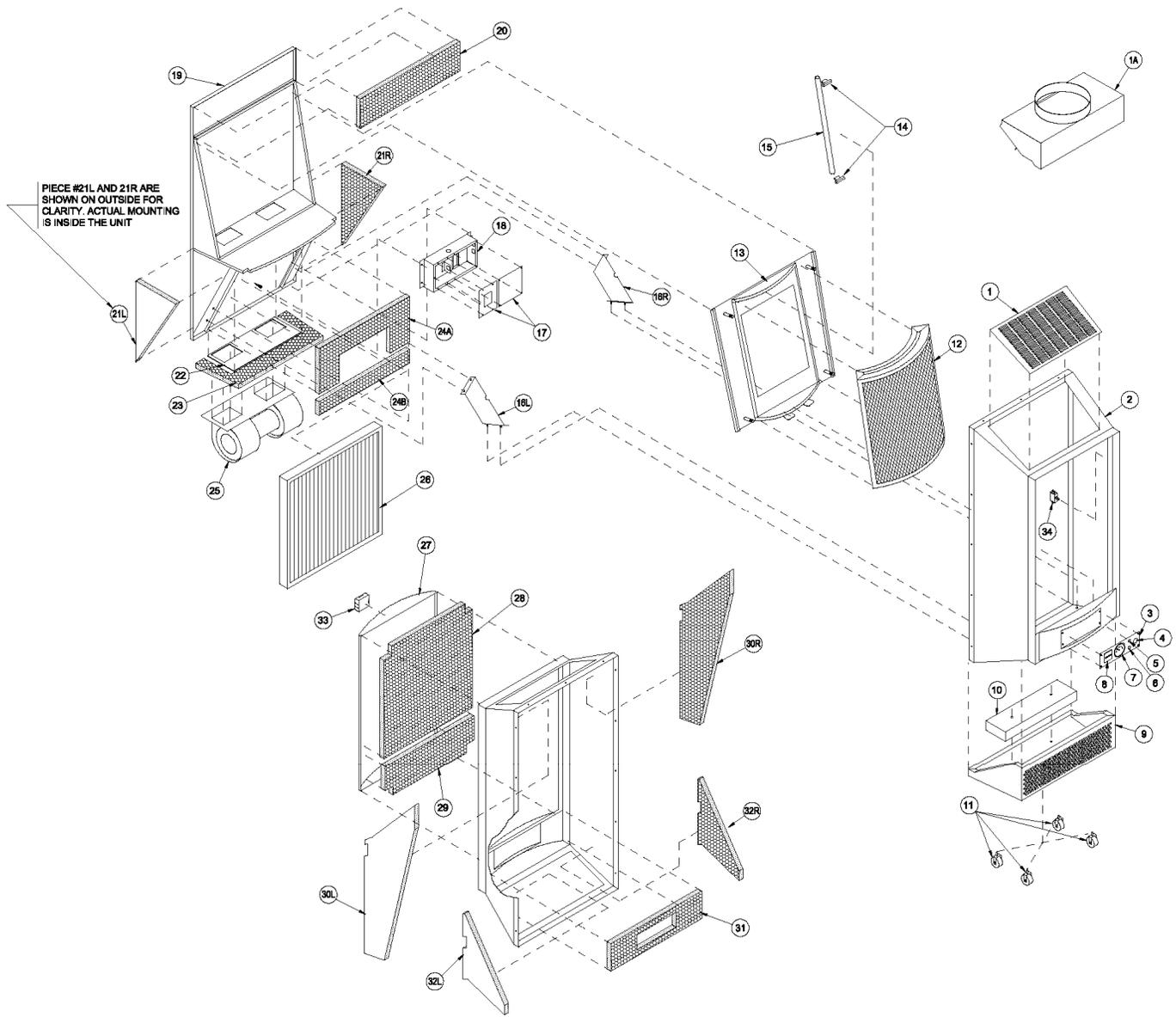
## Approvals

Underwriters Laboratories Inc. (UL) Listed: File No. E202270, Guide No. AEDX.  
FDA CLASS II MEDICAL DEVICE.

<b>Piece Number</b>	<b>Description</b>	<b>Part #</b>
#33	Safety Switch	14-6081
#32L	Insulation, Lower Housing Left Side	14-6054
#32R	Insulation, Lower Housing Right Side	14-6052
#31	Insulation, Front Control Panel Area	14-6052
#30L	Insulation, Upper Plenum Area, L Side	14-6060
#30R	Insulation, Upper Plenum Area, R Side	14-6059
#29	Insulation, Bottom Access Door	14-6009
#28	Insulation, Access Door Upper	14-6068
#27	Access Cover	14-6008
#26	Pre-filter	14-6010
#25	Fan and Blower Combo	14-6033
#24A	Insulation, Electrical Box Area	14-6061
#24B	Insulation, Electrical Box Area	14-6062
#23	Insulation, Blower Perimeter	14-6051
#22	Neoprene Gasket with Adhesive	14-6042
#21L	Insulation Blower Area Left Side	14-6055
#21R	Insulation Blower Area Right Side	14-6053
#20	Insulation Upper Main Frame	14-6058
#19	Main Frame	14-6001
#18	Electrical Box	14-6069
#17	Electrical Box Cover #1 & #2	14-6069-01,02
#16L	Base Bracket Left	14-6006
#16R	Base Bracket Right	14-6005
#15	Fluorescent UV Lamp	14-6011
#14	Lamp Receptacles	14-6012
#13	HEPA Filter Pan	14-6002
#12	HEPA Filter	14-6009
#11	Swivel Wheel without/with Brake	14-6020/6021
#10	Base Weight	14-6045
#9	Portable Base	14-6004
#8	Hour Timer	14-6041
#7	Magnehelic Gauge	14-6034
#6	Push Button Breaker	14-6035
#5	Neon Amber Pilot	14-6036
#4	Keyed Rotary Switch	14-6023
#3	Front Control Panel	14-6037
#2	Main Housing	14-6007
#1	Perforated Grille	14-6019
#1A	Negative Pressure Kit	14-6302

**Order these parts from Air-Pure Systems.**

# Engineering Drawing



# Equipment Warranty

**Air-Pure Systems**, warrants to original Buyer for one year from the date of original installation, or eighteen (18) months from date of shipment, whichever comes first, that its goods are free from defect in material and workmanship under normal use and service.

**Air-Pure Systems'** obligation under this warranty shall be limited to the repair or replacement of those goods which prove defective, provided that such products are installed, maintained, and operated for the purpose and in the manner which **Air-Pure Systems** instructs or recommends. Neither **Air-Pure Systems** nor its dealers shall be liable for any special or consequential damages directly or indirectly arising from the design, construction, installation, servicing, or operation of the goods. THIS IS **AIR-PURE SYSTEMS'** SOLE WARRANTY. NEITHER **AIR-PURE SYSTEMS** NOR ITS DEALERS MAKE ANY OTHER WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEED **AIR-PURE SYSTEMS'** AFORESTATED OBLIGATIONS ARE HEREBY DISCLAIMED AND EXCLUDED FROM THIS WARRANTY. **AIR-PURE SYSTEMS** AND ITS DEALERS' LIABILITY UNDER THIS WARRANTY SHALL IN NO EVENT EXCEED THE COST OF THE GOODS SOLD UNDER THIS CONTRACT OF SALE.

**Air-Pure Systems** neither assumes, nor authorizes any person to assume for it, any obligation in connection with the goods. This warranty shall not apply to any goods (a) which have been subjected to misuse, tampering, negligence, or accidents; or (b) the serial numbers of which have been altered, defaced, or removed; or (c) which have been used in a manner contrary to **Air-Pure Systems'** instructions or recommendations.

Buyer shall not return to **Air-Pure Systems** any allegedly defective goods without **Air-Pure Systems'** prior written authorization. This warranty may not be assigned or transferred. **Air-Pure Systems** shall not be responsible for design errors due to inaccurate or incomplete information supplied by buyer or its representatives.



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**Air-Pure Systems**

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