



AH 265

Portable Air Purifier

User's Guide And Maintenance Manual

Div. of **The MagneGrip Group**

ISO 9001:2008 CERTIFIED

IMPORTANT SAFETY INSTRUCTIONS

Always unplug the air purifier when it is not in operation, while the filters or ultraviolet light are being changed, and when cleaning.

After servicing this equipment both the front and top grill assemblies must be reinstalled in exactly the same manner as prior to removal. If either grill is not reinstalled properly the air purifier will not turn on. This is a built in safety feature.

Before using the air purifier extend the power cord and inspect for any signs of damage. Do not use the product if the power cord has been damaged.

Warning – This appliance is designed to be used on a flat level surface, and may not work properly on an uneven surface. To reduce the risk of electric shock and injury, do not place in a window. Always place the air purifier at least 12 inches (30.48 centimeters) away from heat sources such as stoves, radiators, or heaters.

Do not move the air purifier while it is in operation. Always unplug prior to moving.

Do not immerse the air purifier in water, as permanent damage will occur. Refer to the "Performing Maintenance" section in this user's guide.

Read and save these instructions

Thank you for purchasing an AirHawk AH 265 Air Purifier.

FEATURES

- A quiet, energy efficient backward-curved impeller that moves up to **265** cubic feet of air per minute.
- An advanced electronic control system that monitors air quality, room occupancy, air flow and volume, filter and ultraviolet lamp replacement times.
- A five-stage filtration system with gas-absorption media that absorbs toxic gas, organic hydrocarbons, exhaust fumes, formaldehyde, cleaning chemicals, low level ozone, unpleasant odors, and paint solvents.
- A hospital-grade three-stage HEPA filter removes allergens such as pollen, mold from tobacco smoke, insecticide dust, dust mites, and particles down to 0.3 microns (0.00003 inch).
- A photo-oxidation chamber reduces the spread of airborne disease in the indoor environment. Ultraviolet light 10,000 times the intensity of that in bright sunlight, kills virus and bacteria on contact.
- Oxygen in the air, activated by the ultraviolet light, oxidizes airborne impurities too small to be filtered out. Small amounts of residual activated oxygen and negative ions keep the air clean and fresh in exactly the same way sunlight and oxygen clean the air we breathe in the outdoor environment.

INSTALLING THE AirHAWK AH 265

Unpacking the Purifier

Before unpacking the product, inspect the shipping container for visible damage. If you feel that you may have received the product in a damaged condition, notify the shipper or supplier before opening the container. Remove the product from the box and inspect it for damage. Handle it carefully. Do not drop it!

Installing the Purifier

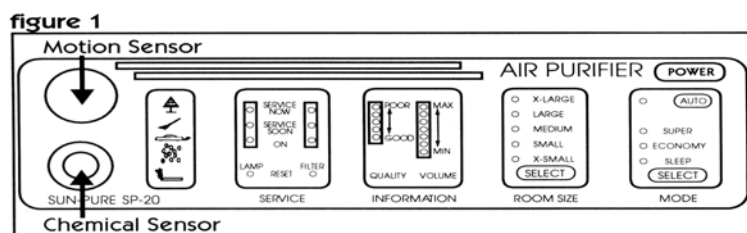
CAUTION

This product is for indoor use only.

Place the Purifier in a location that will not restrict air flow through either the air inlet or the air outlet, then plug in the electrical cord at the nearest electrical wall outlet.

USING THE AirHAWK AH 265

1. Press-in Power ON/OFF button to turn on the Purifier. Lights on the control panel (figure 1) will turn on and the ultraviolet lamp will be On.



2. Look into the air outlet at the top of the AirHAWK Purifier and confirm that the ultraviolet light is operating. You will see a faint blue glow when the light is on. If the lamp appears to be Off, refer to **Maintaining the AirHAWK AH 265**.

When the lamp is On, the product is ready for operation.

Set Purifier for Room Size

1. Measure the room the Purifier is to serve, multiplying length by width to obtain a measurement in square feet (or square meters).
2. On the table, find the room size and identify the respiratory condition the unit is to serve.

| Heavy Duty | | | Light Duty | | |
|---|--------|------------|--------------|-------|------------|
| People with Severe Respiratory Problems | | | Average home | | |
| Super Mode | SQ. FT | SQ. METERS | Super Mode | SQ FT | SQ. METERS |
| Extra Large | 660 | 61 | Extra Large | 1980 | 183 |
| Auto Mode | SQ. FT | SQ. METERS | Auto Mode | SQ FT | SQ. METERS |
| Extra Large | 565 | 53 | Extra Large | 1695 | 159 |
| Large | 485 | 45 | Large | 1455 | 135 |
| Medium | 400 | 37 | Medium | 1200 | 111 |
| Small | 350 | 33 | Small | 1050 | 99 |
| X Small | 300 | 28 | X Small | 900 | 84 |

3. Use the "Heavy Duty" chart if you suffer serious allergic reactions from particulate matter (pollen, dust, dust mites, animal dander, etc.) or airborne chemicals (pesticides, herbicides, cleaning solutions, etc.). Use the "Light Duty" chart if the area you live in is unhealthy from time to time, or you suffer mild allergies occasionally.

Select Operating Mode

Select the desired operating mode. Read the mode descriptions below to determine your selection.

To make your selection, press **MODE** button (figure 3) repeatedly, if necessary, until the appropriate mode light is On.

AUTO MODE – This is the mode most commonly used. In this mode the electronic sensor combines the real time chemical sensor with blower speed if chemical sensor detects an unhealthful amount of chemicals present in the air (indicated by the red light on the quality scale) the electronic controls will automatically speed the blower up to the next setting.

SUPER MODE – This mode may be selected during periods of high air pollution. For example: high winds which increase airborne dust and pollen, heavy room loading, and/or heavy smoking. Super Mode operation will increase blower speed approximately 25 percent above auto mode setting.

ECONOMY MODE - This mode saves energy cost during hours when the room is unoccupied. When people are moving in the room, operation is the same as that in the Auto Mode. When no motion has been detected in the room for 30 seconds, blower speed is reduced by 35 percent to save electricity costs. The blower returns to normal speed when motion is again detected in the room.

SLEEP MODE - This mode lowers the sound level by reducing blower speed by 30 percent, while still purifying room air at 70 percent of normal while the occupant sleeps.

figure 2

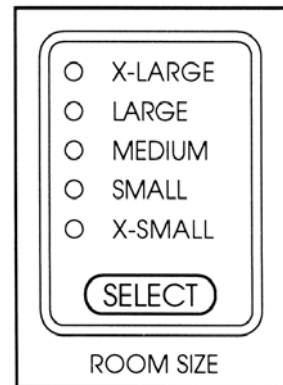
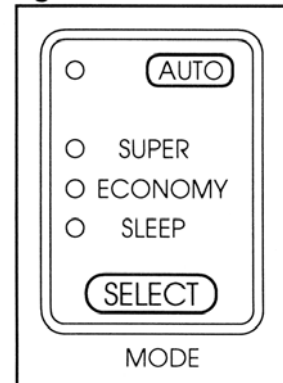


figure 3



Monitoring Operation

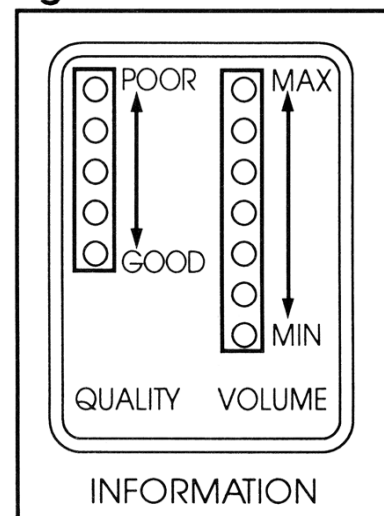
You can always monitor the quality of room air and make sure that the Purifier is set to a volume of air appropriate for present conditions. Note that measurements are relative to the selected room size. Make sure that the Room Size panel is always set for the room in which the unit operates. Quality and Volume are shown on the Information Display. (figure 4)

Air Quality is sensed by the chemical-detection sensor (see figure 1) which continually evaluates air quality. Air quality is expressed by one of the five lights expressing a range from Good to Poor.

Air Volume is shown by one of seven lights representing a range from greater than normal air flow, to reduced air flow (energy-saving Sleep Economy Mode). The light shows that air volume is just right for the selected room size.

You should also keep an eye on the Service Panel which tells you if maintenance will soon be required, or if maintenance is required for further operations. The service panel is described in Maintaining the AirHAWK AH 265.

figure 4



MAINTAINING THE AirHAWK AH 265

What the Service Panel Indicator Lights Mean

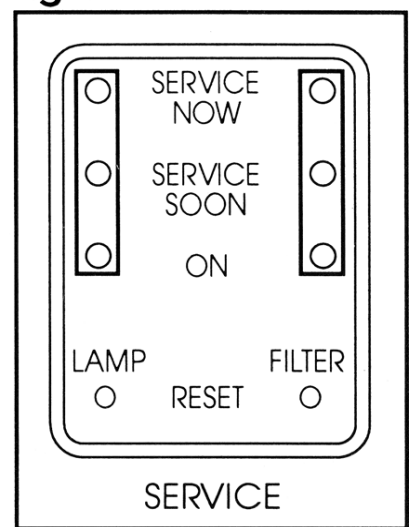
Indicator lights on the Service Panel (figure 5) tell you if either the ultraviolet lamp or the air filters will soon need to be replaced, or if they must be replaced before using the Purifier again.

UV Lamp Indicator Lights

The ultraviolet lamp has a useful life of one year (9,000 hours) with a one-month grace period.

- **Green** light is On - The filters have been in service for less than 12 months.
- **Yellow SERVICE SOON** light is On - The lamp has been in service for more than 12 months. It's time for a new lamp.
- **Red SERVICE NOW** light is On - The lamp has been in service for more than 13 months. The lamp may not be effective and must be replaced.

figure 5



Filter Indicator Lights

The filters have a useful life of two years in a typical environment.

The three **Filter** lights on the Service Panel mean:

- **Green** light is On - The filters have been in service for less than 24 months.
- **Yellow SERVICE SOON** light is On - The filters have been in service for more than 23 months. It's time to reorder new filter package.
- **Red SERVICE NOW** light is On - The filters have been in service for more than 24 months. The filters may not be effective and must be replaced.

Replacing the Filters

When the **Yellow** Filter indicator lights, filter should be replaced within 30 days. Here's the step-by-step procedure:

1. Unplug the purifier's power cord from the electrical outlet.
2. Rest the Purifier on it's back to access the bottom of the unit.
(figure 8)
3. Press-in locking clip at each end of the grill.
4. Lift bottom of grill upwards and slide out the grill from the top of the unit. (figure 9)
5. Pull out the two filters individually and discard.
6. Install new HEPA filter in lower slot with its white layer facing upwards.
7. Install new pre-filter in the remaining slot with green side facing upwards.
8. Replace the grill. Slide its upper end into the grill slot and snap the bottom in place until it locks.
9. Reset the Filter Replacement timer by lightly pressing the related RESET button on the Service Panel with a toothpick. The Filter OK light will turn **green** and timer will again be set to zero.

figure 8

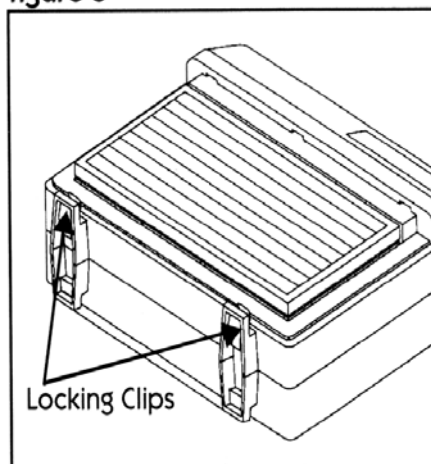


figure 9

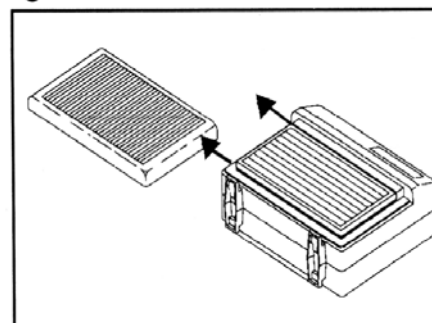
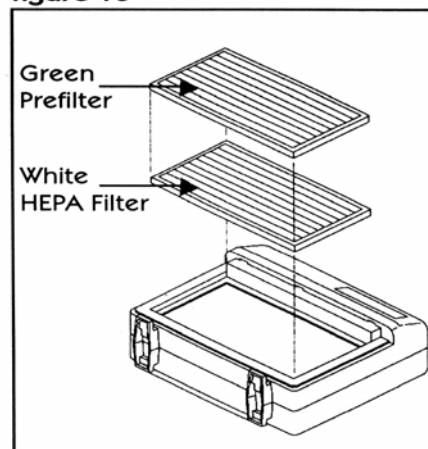


figure 10



Performing Maintenance

Maintenance procedures are:

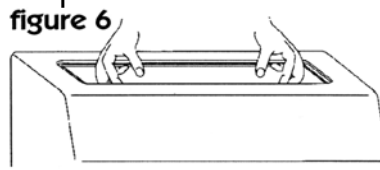
Replacing the ultraviolet (UV) lamp.

Replacing the filters.

Replacing the UV Lamp

When the **Yellow UV Lamp** indicator lights, the ultraviolet lamp should be replaced within 30 days. Here's the step-by-step procedure:

1. Unplug the Purifier's power cord from the electrical outlet.
2. Using index fingers, squeeze the locking tabs (figure 6) inwards towards the center of the grill on top of the Purifier. Lift the grill up and remove.



3. Rotate the UV Lamp one-quarter turn, top-to-rear, (figure 7) and remove lamp.

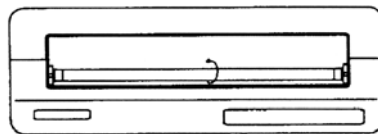


figure 7

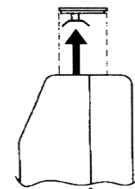


figure 7a

4. Insert the new UV Lamp in place and install by rotating one-quarter turn (top-to-front).
5. Replace grill removed in previous step 2. by pressing it into position until it locks. The aluminum reflector must be positioned over the lamp, nearest the front of the unit. (figure 7a)
6. Reset UV Lamp timer by lightly pressing the related RESET button on the Service Panel with a pin or similar object. The UV Lamp OK light will return to green and time will again count from zero.

This completes the lamp replacement procedures.

Product Software Modification Change

MagneGrip Group is dedicated to total air purification, through product quality, regardless of cost.

The **filter service indicator light** on your AirHAWK 265 air purifier service panel has been modified to **turn yellow in (5) months and red in (6) months**. This modification differs from the owner's instruction manual, which states; the filter service light will turn yellow in (23) months and red in (24) months.

After years of examining filters that have been in use from several months to over a year, it is apparent, that it is not possible to predict the service life of a filter, because individual location applications vary so much.

Now, when the **filter service light turns red**, the front grill should be removed so the **top pre-filter only** can be vacuumed to remove the collected dirt and debris. You do not need to remove filters from the product.

Replace the front grill and **reset the filter service light only** by placing the end of a paper clip or toothpick into the reset hole and gently press in the switch, to turn the indicator light to green.

We recommend that both the UV lamp and filter be replaced at the end or (12) months, when both service indicator lights turn **red**. This process assures maximum air flow and air quality.

Thank you for your purchase and buying a great American made product.

MagneGrip Group

This completes the filter replacement procedures.

Restore the Purifier to normal operation as follows:

- 1.Set the unit in its normal operating position.
- 2.Plug the power cord into the wall outlet.

SPECIFICATIONS - AirHAWK AH 265

| | |
|----------------------------|--|
| Dimensions (inches) | 21.5 wide x 18.0 high x 8.0 deep |
| Weight | 23 pounds |
| Maximum Air Volume | 265 CFM |
| UV Lamp | 254 nanometers (germicidal) |
| Line Voltage | 120V, 60Hz/230-50Hz |
| Maximum Watts | 110 watts |
| Maximum Amperes | 0.95 amperes |
| Blower | Reverse curved motorized impeller |

The MagneGrip Group Two Year Warranty

Each AirHAWK AH 265 Air Purifier comes with a limited two year warranty excluding expendable parts such as filters and UV lamp. This exceptional warranty provides for repair or replacement of any defective parts or components for two years from the date of purchase at no charge for labor or materials. Warranty work for the remaining life of the product will be provided with a maximum cost not to exceed \$55.00 dollars to the original owner. This warranty does not cover the expendable ultraviolet lamp, which must be replaced on an annual basis (1 year) or the expendable filter cartridge media, which must be replaced on an annual basis (1 year) or sooner depending on environmental conditions. All warranty repair work must be performed either at the factory or by a factory certified service center. Shipping cost to the factory or service center is the responsibility of the owner of the AirHAWK AH 265 Air Purifier. Warranty return shipping from the factory is prepaid for the first two years only. This warranty is provided to the original purchaser of the Air Purifier and may not be transferred, sold or bartered. This product is not warranted against freight damage, failure resulting from misuse, connection to incorrect voltage, or acts of God such as fires, earthquakes or floods.

Replacement Filter and Lamp Package - p/n 600378-01
Consists of 1 of each filter and 1 UV lamp -
Enough for 1 year of servicing.

Replacement Parts are available
from your distributor or from:

The MagneGrip Group

1-800-875-5440

Manufactured in the U.S.A. for
The Magnegrip Group

Commonly Asked Questions

Can the filters be cleaned? Yes, but only the 5-micro pre-filter. AirHAWK recommends simply vacuuming off the excess material collected on the front of the green pre-filter approximately every six months. The second stage HEPA filter cannot be cleaned and both filters must be replaced when the control panel indicates replacement or 1 year.

My control panel indicates the ultraviolet lamp must be replaced, but I can see it operating. Is it absolutely necessary to replace the lamp?

Yes, even though the ultraviolet lamp is operating it has diminished ultraviolet output. To keep the system killing germs and bacterial effectively, the ultraviolet lamp must be replaced once a year or the equivalent elapsed time of one year.

I notice a slight odor when I am close to my new air purifier. You will notice a slight odor exiting from the air purifier when it is very new or you have recently replaced the filter package. This odor will only be present for a couple of days, and comes from accumulated moisture in the gas absorbing carbon, potassium permanganate, and zeolite layers of the filter pack.

I have removed either the top or front grill to examine my new air purifier, and now the unit will not turn on. What is wrong the unit? Both the top and front grill have safety interlocks that will turn the unit off if removed while in operation. If either grill is not properly reinstalled the unit will not operate. Make sure the top grill is completely snapped into place and the front grill is completely secured at the bottom.

Enjoy your **AirHAWK AH 265** Air Purifier in good health.