

# AMHP-250-UPP Series

**CLEAN COMFORT™**  
INDOOR AIR ESSENTIALS

## Description

This Clean Comfort™ product offers five stages of air treatment for outstanding cleaning and sterilization of air in the home. The AMHP-250-UPP combines HEPA particulate filtration, non-ozone producing UVC germicidal light for deactivation of viruses, bacteria and molds, photocatalytic oxidation for reduction of airborne chemicals, and activated carbon / potassium permanganate odor absorption - all in one air treatment system.

## Standard Features

- Carbon VOC Prefilter extends the life of the HEPA filter by removing lint, hair and larger particles from the home's air
- Long-life, HEPA media filter removes 99.97% of all airborne particles 0.3 micron (1/84,000 of an inch) and larger
- Two UVC germicidal lamps are enclosed in a reflecting chamber which intensifies the UVC rays
- CinQuartz® photocatalytic oxidation (PCO) filter has a very high surface exchange capability. Because of the PCO filter's structure, the unit's UVC light penetrates the thickness of the filter material allowing decomposition of any airborne chemicals throughout the entire CinQuartz filter instead of just on the surface
- Carbon/ Potassium Permanganate post filter removes trace Volatile Organic Compounds (VOC's) and light gases that are too small to be caught with the HEPA filter or the PCO filter
- Powerful European motor delivers up to 250 CFM of pure air
- This air treatment system includes a power cord that conveniently plugs into a standard power outlet

## Cabinet Construction Features

- One-piece wrap, steel cabinet has powder coat paint finish ensures long life and durability

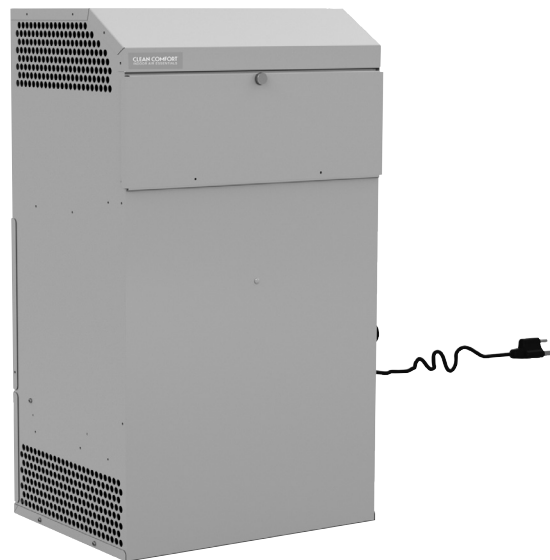


\* Warranty doesn't apply to Carbon VOC Prefilter, HEPA Filter, CinQuartz™ Photo Catalytic Oxidation Filter or the Carbon/Potassium Permanganate After Filter. Other exceptions apply. Complete warranty details available from your local dealer or at [www.cleancomfort.com](http://www.cleancomfort.com).

† Replacement frequency may vary based on conditions in the home.

## CONSOLE FIVE STAGE HEPA AIR CLEANER WITH ULTRAVIOLET LIGHT & PHOTO CATALYTIC FILTER

### MODEL AMHP-250-UPP



## Maintenance Parts

| Part Number    | Description  | Replacement Frequency† |
|----------------|--|------------------------|
| AMP-DM900-0855 | Prefilter  | 3-6 months             |
| AMP-DMH4-0400  | HEPA Filter  | 2-3 years              |
| AMP-DM900-0450 | PCO Filter   | 2-3 years              |
| AMP-DM900-0810 | Final Filter   | 1 year                 |
| AMP-DM900-0191 | UVC Lamp<br>(2 required)   | 2 years                |
| AMP-DM900-1002 | UVC Lamp / PCO Maintenance Kit<br>Kit contains two UVC lamps, two lamp support clips, one PCO filter and gloves.   |                        |
| AMP-DM900-1003 | Complete Two-Year Maintenance Kit<br>Contains one HEPA filter, four carbon VOC prefilters, two UVC lamps, one PCO filter, two carbon/potassium permanganate final filters, and gloves. |                        |

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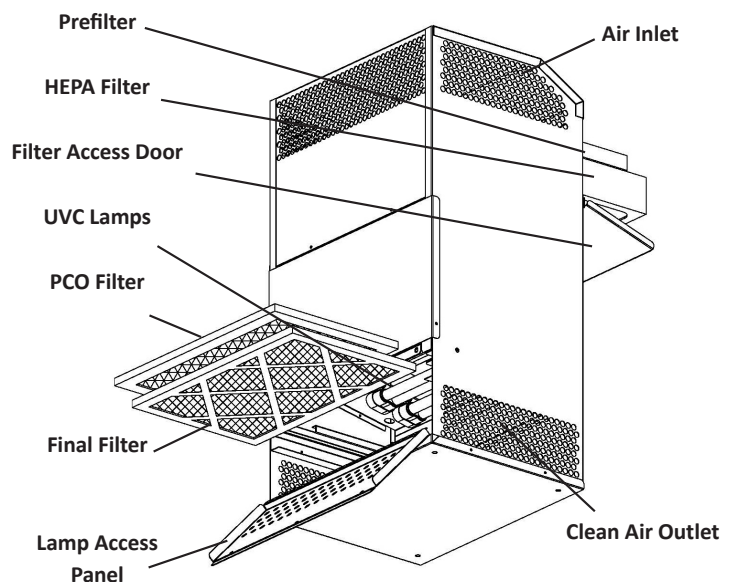
**AMHP-250-UPP**

| Specifications                   |   |
|----------------------------------|---|
| Cabinet Dimensions (H X W X D)   | 28-¾ in X 16-¾ in X 12-¾ in [73 cm X 42.5 cm X 32.4 cm] |
| Unit Weight                      | 40 lbs [18.1 kg]  |
| Input Voltage                    | 120 VAC, 60 Hz  |
| Power Consumption                | 180 W   |
| Airflow, Variable speed control  | Up to 250 CFM [425 m³/hr]                               |
| Cabinet                          | 22 gauge painted steel                                  |
| Power Cord                       | 9 ft [2.7 m]  |
| Ultraviolet Power (in Reflector) | >10,000 µW/cm²  |
| HEPA Collecting Surface Area     | 40 ft² [3.7 m²]   |

**How It Works**

The AMHP-250-UPP air cleaner draws in air from the room where it is located and processes it through five stages of air treatment before returning the air to the room.

1. First, the air passes through a pleated carbon VOC prefilter to remove lint, large particles and heavy-weight gases to extend the life of the HEPA and PCO filter.
2. Smaller particles then pass through a long-life, 99.97% HEPA media filter, which captures particles 0.3 micron (1/84,000 of an inch) and larger. This HEPA filter has more than 40 ft² of collection surface area.
3. The clean air passes through a reflection chamber where two high-output ultraviolet (C band) germicidal lamps emit powerful UVC light rays that are designed to deactivate or inhibit bacteria, viruses, mold, fungi, and microbial growth.  
These are non-ozone producing lamps. The ultraviolet light is also used to activate the CinQuartz™ media located below the UVC lamps.
4. The CinQuartz™ PCO filter is a quartz media coated with nanoparticles of titanium dioxide (TiO<sub>2</sub>). The combined action of the UVC light and the TiO<sub>2</sub> decomposes volatile organic compounds (VOCs) into basic molecules such as H<sub>2</sub>O and CO<sub>2</sub>, thereby reducing odors and airborne chemicals in the process.
5. In the last stage of treatment, the air passes through a final filter containing a mixture of activated carbon and potassium permanganate to further reduce odors and light gases. Treated air is discharged back into the room.



The very large collection surface area of the HEPA filter (40 ft²) ensures a long service life: up to 2-3 years, based on conditions in the home.

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Our continuing commitment to quality products may mean a change in specifications without notice.  
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