

## Air Medic Air Filtration/ Sterilization Unit Specifications & Applications



### Filtration/Sterilization

- Pre-filter - 16" x 18" x 1" MERV 8 Pleated
- Activated Carbon Filter – MERV 7 absorbs gases & odors
- H.E.P.A. Filter – 95% filtration on 0.3 micron particles (M16)
- UV-C Light – Phillips 18 watt, 254 nm
- Change filter indicator

### Performance

- Airflow - 500 CFM
- 900 CFM Purge Mode
- 100% variable speed fan

### Electrical

- 120VAC
- 3.0 amps
- 6ft, 2m extension cord

### Fan & Motor

- Backward inclined impeller fan with ECM
- 900CFM @ 1.0" TSP, 1600M<sup>3</sup>/Hr @ 250 Pa
- 0-100% fan modulation

### Physical Data

- 36"H x 18"W x 21.5"D
- 915mmH x 460mmW x 545mmD
- Weight: 48lbs, 22kg

### Construction

- 20 gauge metal cabinet
- Appliance White powder coat finish
- Lifting Handles
- Mounted on 2", 50mm, castors
- Tamperproof enclosure

### Maintenance (based on 3000 annual operating hours)

- Fan & Motor – maintenance free permanently lubricated bearings
- Pre-Filter – change 2-3 times per year
- Carbon activated Filter – change every 1-2 years
- H.E.P.A. Filter - change every 2 years
- UV-C lamp – replace every 2 years
- Annual maintenance cost \$270
- No tools required to change filters or UV-C lamp

### Annual Operating Cost (Energy)

- Based on an electrical rate of \$0.18/kWH and 3000 hours annual run time, the operating cost will be \$48

### Effective Against

- Viruses
- Bioaerosols
- Bacteria & Bacteria Spores
- Odors & gases (VOC's)
- Allergens
- Contagions

### Applications

- Classrooms
- Dentist Suites
- Doctor Suites
- Waiting Rooms
- Reception Areas
- Board Rooms
- Rest Homes
- Offices

