



Clean Air Filter // *Quality Tested. Performance Proven.*

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## **FILTER SERVICE LIFE PARTICULATE/VAPOR FILTER**

### **VAPOR:**

- 1) Directly monitor the vapor(s) using real time methodologies.  
(Best, recommended) <https://www.osha.gov/Publications/complinks/OSHG-HazWaste/7-8.pdf>
- 2) Measure the concentration of all vapors and calculate service life.  
(This methodology may lead to incorrect filter life calculations)

When these are not possible...

- 3) Replace filter when one of these three conditions occur:
  - i. Taste, odor, or symptom of contaminant is detected
  - ii. 12 months
  - iii. 500 hours

### **PARTICULATE:**

Replace primary filter (when no harmful vapors are present) when flow rate is less than 18 CFM for 1 occupant, or 22 CFM for 2 occupants.

Flow rates are measured with a hot wire (CAF recommended test procedure) and correlated to a differential pressure gauge to indicate minimum flow.

When measuring with a hot wire instrument is not possible:

- Install a Differential Pressure Gauge
- Install new filter
- Run system
- Mark the differential pressure gauge with a magic marker
- Replace filter when the reading of the pressure gauge is  $\frac{1}{2}$  the original reading

### **RECIRCULATION FILTER:**

If applicable, contact filter supplier

### **DISPOSAL of filter:**

If applicable, adhere to all State, Federal, and International guidelines pertaining to the contaminant being filtered.