

Series CMX Stationary Media Filter Units

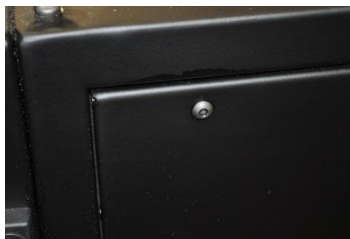


Installation and Operation

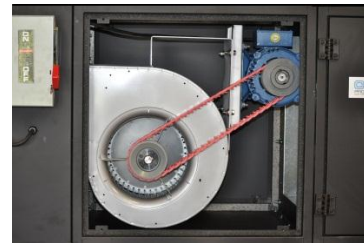
1. Upon receiving, carefully inspect the unit for visible shipping damage. If found contact the carrier immediately and file a report.
2. Remove all protective shipping materials. Open hinged access panel using twist-lock handle and check that media filter and pre-filter are installed and securely in place.
3. Due to building conditions and placement of units, it will be the responsibility of the installer to assess the optimum mounting method. There are (4) ½-13 steel eyebolts positioned on top of the unit to help secure the unit in place. If there are any questions about the installation, please contact the factory.
4. Wire electrical connections to unit as specified. The motor compartment is accessed by removing the button head cap screws at each corner of the door. Installer will need 5/32 allen wrench for removal and securing.
5. Start unit, check to make sure airflow is in proper direction and that the unit is running smoothly without excess vibration.



½-13 Eyebolt for Hanging



Access Door to Motor Compartment



Motor Compartment



Filter Compartment: twist & pull spring loaded door latch for access to filter compartment

General Operation & Maintenance

1. When servicing the CMX unit, make sure disconnect is in the off position before any work is performed.
2. If unit is equipped with optional inlet plenum and connected to ductwork, make sure number of outlets does not exceed design capacity of unit.
3. CMX units are designed for minimum maintenance. Check filters regularly and change media filters when necessary. Clean pre-filters often. The pre-filters are designed to trap larger particles, and if kept clean will provide longer life to the media filters. The amount of maintenance will vary given the usage and air source being filtered.
4. When cleaning pre-filters, check the compartment inside the unit, where the filter has been pulled out and also the motor compartment, for any build-up of residue inside the unit. If there is an excessive amount of build-up, media filters should be changed. Wipe clean the compartment of build-up with a mild cleaning agent.

Changing Filters

Aluminum Pre-Filter: This filter has a longer life than the media filters, but must be cleaned regularly. To clean pre-filters, pull out of tracks holding the pre-filter in place. Pre-filters can be cleaned using a detergent and mild water spray. Blow dry with pressurized air or air dry. Filters should be dry before placing back in unit.

Media Filters: Generally the media filters will have a long life with proper maintenance checks and regular pre-filter cleaning. The media filters life varies by work condition and usage. You will need to replace filter when a noticeable build-up of dirt and grime begin to form and or efficiency change happens to the unit.



Aluminum Pre-Filter & Media Filter



Access to Filter Compartment

Car-Mon Limited Warranty

Car-Mon products, Inc. shall replace or repair at its discretion any products or components sold or manufactured which prove to be defective in workmanship or materials within 1 year from date of shipment.

The foregoing is in lieu of all warranties, expressed or implied, and all other obligations or liabilities on behalf of the company, regarding products it may manufacture or sell: except as otherwise provided herein, the purchaser accepts the product “as is.”

No warranty is made regarding the suitability or compatibility of any Car-Mon product for a particular application or purpose unless specifically stated. The customer is responsible for final selection and utilization of Car-Mon products for their use. The customer assumes all liability for the consequences of performance, application, use and/or misuse by employees of products purchased from Car-Mon Products, Inc.

In no event shall Car-Mon Products, Inc. be liable for consequential or special damages; for transportation, labor, or other charges for adjustment, replacement, installation, incorrect electrical connections, overloading of motor, performance at low voltage, or other alterations which may be performed in connection with such products. The warranty specified herein is waived in the event that the Distributor, Contractor, or Purchaser performs any unauthorized repairs or modifications to the product.

With regard to products or components which are furnished by Car-Mon Products, Inc. but not manufactured by Car-Mon Products, Inc. the warranty obligation of Car-Mon shall be limited to and be the same as that of its supplier.

Motor Warranty

Warranty of motor is covered by the motor manufacturer for one year from date of shipment. In the event of a motor failure, the customer should send the motor to the nearest service center. For further information of the nearest facility, please contact Car-Mon Customer Service.