



**11975 Portland Ave. S., Suite 104  
Burnsville, MN 55337**

**Phone: 952-894-6637**

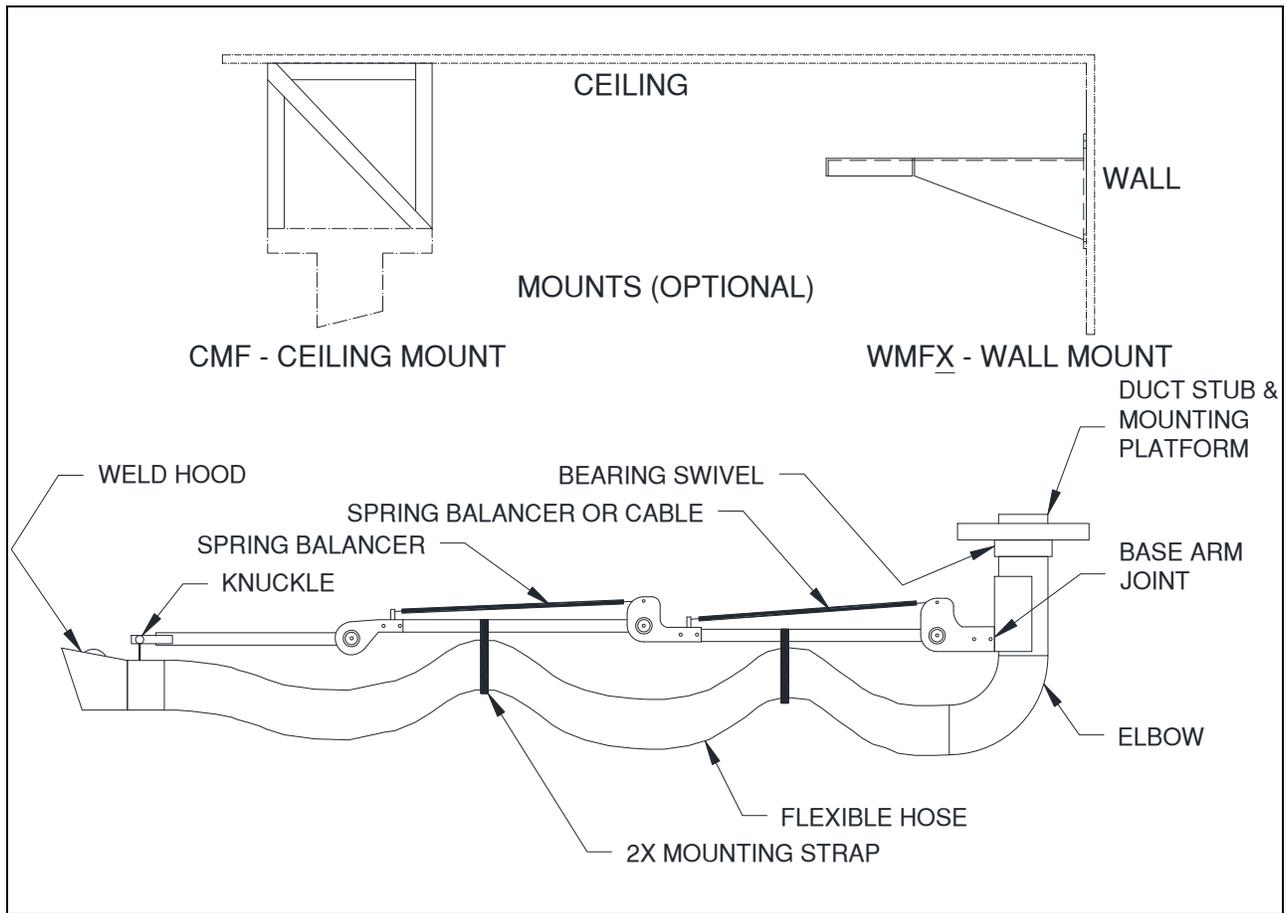
**Fax: 952-894-0750**

**Email: [info@ventaire.com](mailto:info@ventaire.com)**

**Website: [www.ventaire.com](http://www.ventaire.com)**

**PRODUCT GUIDE FOR**

**FAFE Fume Arm**



**FIG 1 – Three section fume arm with available mounting brackets**

**INTRODUCTION**

1. Prior to installation inspect all components received for shipping damage. If damage occurred contact your Ventaire representative for assistance.
2. Read ALL instructions before proceeding with any installation, operation, or maintenance.

**INSTALLATION**

**Note:** FIG1 above is typical of a three section arm assembly. The entire middle arm section and middle arm joint are deleted for arms with only two sections.

1. Fasten the mounting platform to the wall or ceiling with minimum 2" x 2" x 1/8" angle iron frame provided by Ventaire or others. The mount configurations should look similar to those in FIG 1.
2. Attach the arm assembly to the mounting platform by sliding the base arm joint over square steel hose sections on the platform mount assembly. Connect it with the bolts provided. The base arm joint should appear as shown in FIG1.
3. Make sure all the spring balancers are connected between the arm joints and the ends of the arms.
4. Place the positioning ball on the weld hood between the ringed steel supports on the end of the arm. Tighten the bolts securely and fine tune the tension after completing the installation.

5. Attach the flexible hose to the weld hood and the elbow on the base mount with the clamps included.
6. Loop the mounting straps around the bottom of the flexible hose and hook to the arm joints. The straps should not be tightly secured around the flexible hose. Leave a 1” gap between the flexible hose and the arm to ensure maximum mobility.
7. Adjust tension in arm joints by tightening or loosening each nut/bolt, if necessary. Finished arm should move freely and hold its position.

## **OPERATION**

Complete operation of the FAFE can be accomplished in six easy steps:

1. Position the weld hood on the end of the arm as close to the fume source as possible without obstructing vision of the work area.
2. Open or close any applicable air shut-off devices. (i.e. blast gate, quadrant damper, etc.)
3. Turn on the exhaust fan.

When finished simply:

4. Turn off the exhaust fan.
5. Close the Shutoffs.
6. Move the FAFE arm out of the work area, if necessary.

## **MAINTENANCE**

Maintenance is also very routine and uncomplicated. Follow the steps below to ensure that the unit is both effective and efficient.

1. Routinely check the flexible hose and hose connections between the base and the weld hood for excessive wear to ensure proper airflow. Replace if necessary.
2. Remove clamps and slide hose to inspect springs and connections to counterbalances in the arm for deformation. Replace if necessary.
3. Be certain the spring safety cables exist for every spring and that they are connected. Add or connect safety cables as necessary.
4. Arm joints must turn smoothly and without obstruction. Adjust the friction in each joint by tightening or loosening the nut on the joint if necessary. Generally, the friction should be greatest in the base arm joint and will decrease in each successive joint.
5. Keep the airflow free from any obstructions.
6. Re-attach hose clamps.



## 12-MONTH WARRANTY

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**VENTAIRE** warrants their products, to the original purchaser, to be free from defects in material and workmanship under normal use and service (except for those cases which buyer supplied materials are used) for a period of 12 months from the original date of shipment. During the warranty period, **VENTAIRE**, will at its option, repair, replace, or issue credit for any components that are deemed defective by **VENTAIRE**.

Buyer's failure to pay the full amount due within (60) days of invoice shall release seller from any and all liability or obligation to any warranty.

Before returning equipment for repair or replacement, a **Return Authorization Number** must be obtained from **VENTAIRE** (952-894-6637). The **Return Authorization Number** must be written on the outside of all shipping cartons. Items returned without a **Return Authorization Number** will be refused. Items returned should be in original condition in which it was received and must be accompanied with a written explanation of the reason(s) for their return.

This warranty does **not** cover damage caused by accident, misuse, misapplication, or unauthorized service modification.