



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

Phone: 952-894-6637

Fax: 952-894-0750

Email: info@ventaire.com

Website: www.ventaire.com

PRODUCT GUIDE FOR
WAFE Fume Arm

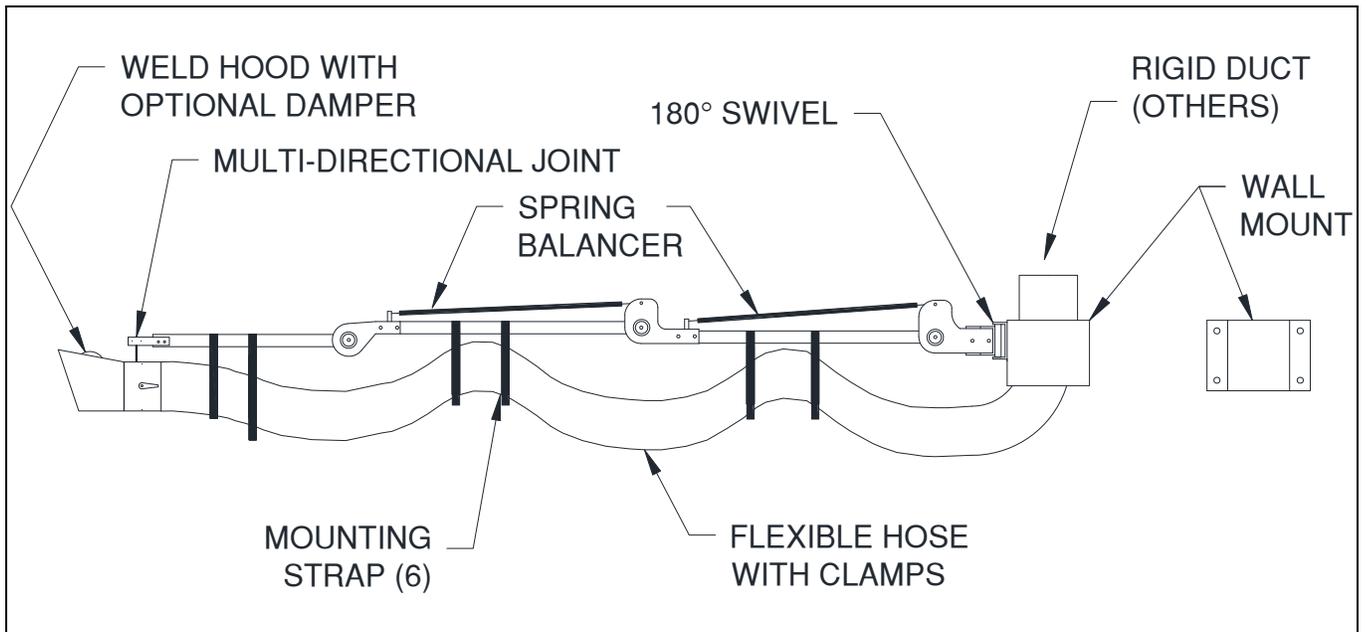


FIG 1

INTRODUCTION

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

INSTALLATION

Note: FIG 1 above is typical of a three section arm assembly. The entire middle arm section and middle arm joint is deleted for arms with only two sections.

1. Mount the wall mount to the wall with bolts (not included).
2. Attach the arm assembly to the wall mount by bolting the end of the 180° swivel into the bracket on the front of the wall bracket. Once attached, the arm should appear similar to FIG 1.
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 bolts securely and fine tune tension after completing installation.
5. Attach the flexible hose to the weld hood and to the rigid duct with 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 the tension in the arm joints if necessary. The finished arm should move freely and hold its position.

OPERATION

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

1. Grasp the handle on the weld hood with one hand. Hold the first arm section near the weld hood with the other hand. Position the weld hood as close to the fume source as possible without obstructing work area.
2. Open or close any applicable air shut-off devices (i.e. blast gates, quadrant dampers, etc.).
3. Turn on the exhaust fan.

When finished simply:

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

MAINTENANCE

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

1. Routinely check the flexible hose and hose connections between the base and weld hood for excessive wear to ensure proper airflow. Replace if necessary.
2. Check the springs and connections to counterbalances in the arm for deformation. Replace if necessary.
3. Arm joints must turn smoothly and without obstruction. Adjust the friction in each joint by tightening or loosening the nut on the joint as necessary. Generally, the friction should be the greatest in the base arm joint and will decrease in each successive joint.
4. Keep the airflow free from any obstructions.



11975 Portland Ave. S. Suite 104
Burnsville, MN 55337
Phone: (952) 894-6637
Fax: (952) 894-0750
Email: info@ventaire.com

12-MONTH WARRANTY

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.