



**11900 Riverwood Drive  
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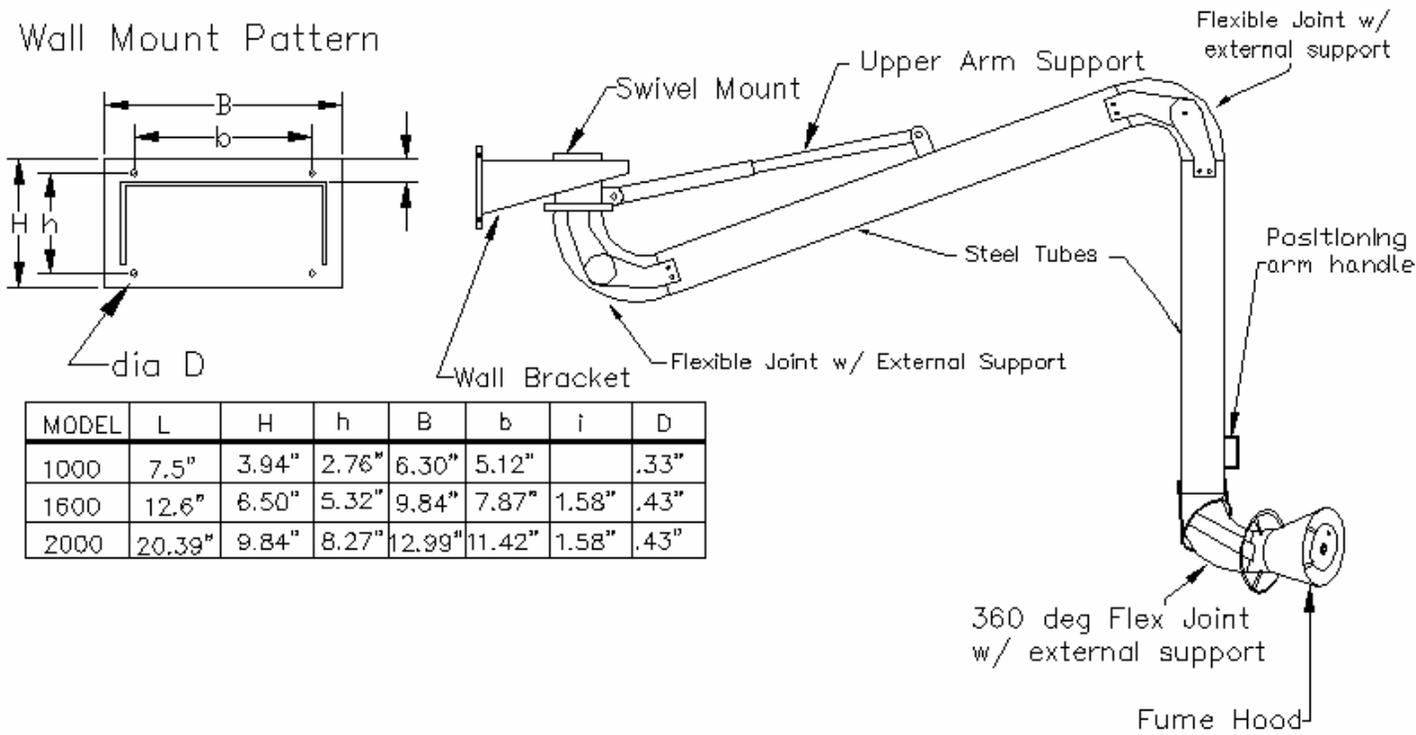
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**Website: [www.ventaire.com](http://www.ventaire.com)**

**PRODUCT GUIDE FOR**

**Ventaire**

**SIFA Fume Arm**



**FIG 1**

**INTRODUCTION**

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

**FUME ARM INSTALLATION**

1. Attach the wall bracket securely to a wall or beam using all four pre-drilled mount holes. Be sure to mount the wall bracket level on wall to insure proper operation of the fume arm. Please see the above table for the hole mounting pattern.
2. Attach the swivel mount on the fume arm to the bottom of the wall bracket using the hardware provided.
3. Adjust the friction joints on the arm, if necessary. The finished arm should move freely and hold its position.

**ELECTRICAL INSTALLATION** (For electrical accessories purchaser only)

1. Attach the control box or transformer to the wall near the base of the fume arm.
2. Fasten the light/fan cord to the underside of arm with fastening straps or equal. Note: The straps and wiring for the fan control are not provided by Ventaire, Inc.

## **OPERATION**

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

1. Grasp the handle on the weld hood with one hand. (if applicable) 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 (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 SIFA arm out of the work area, if necessary.

## **MAINTENANCE**

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

1. Routinely check the flexible tubing and tubing 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.<sup>3</sup>



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## 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.