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PRODUCT GUIDE FOR

Ventaire

HRSB - Hose Reel

Swivel Boom

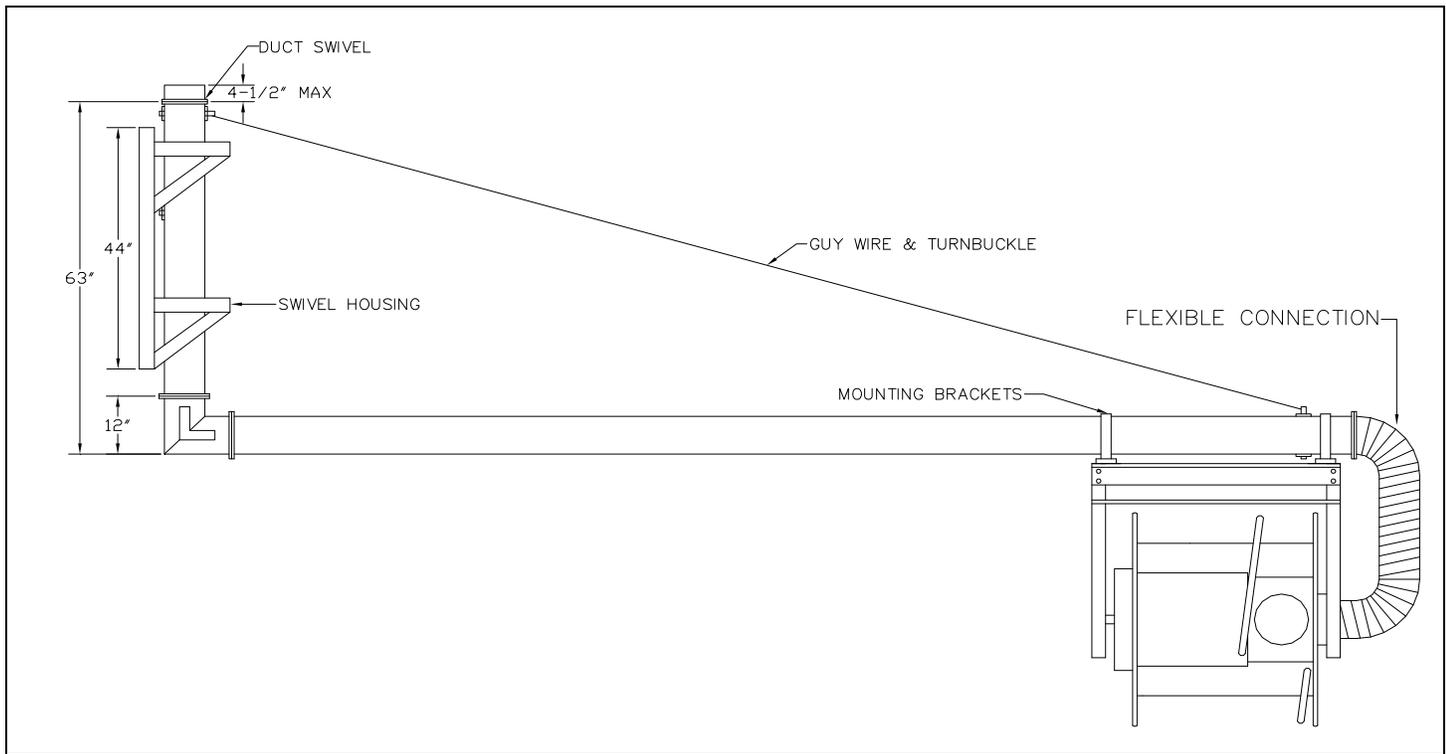


FIG 1

INTRODUCTION

1. Prior to installation inspect all of the 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

1. Layout the boom sections similar to FIG1.
2. Using a forklift or other device, mount the swivel housing to the wall or to another suitable support using the (8) provided holes. NOTE: To insure proper operation of the boom, it is important to mount the swivel level, and use all the provided mounting holes.
3. Attach the double flanged elbow to the bottom of the swivel with the included hardware. NOTE: Be sure to mount the elbow so that the leg out is in-line with the eyebolt on the very top of the swivel housing.
4. Using a forklift or other device, mount the boom to the swivel/elbow. (The eyebolt should be located at the opposite end of the swivel housing.) Attach the end of the guy wire to the eyebolt located at the end of the boom. Attach the opposite end of the boom to the elbow with the provided hardware. Adjust the tension in the guy wire such that the far end of the boom is horizontal with the floor (or slightly above). NOTE: It is very important that the guy wire is adjusted properly to insure safe operation of boom.
5. Attach the rigid duct to the top of swivel housing using standard industrial methods.

6. Using a forklift or other device, lift the hose reel to the end of boom. With the outlet side facing away from the swivel, attach the hose reel to the boom using the U-Bolt assemblies on the boom and mounting the holes located on the base of the hose reel. Readjust the tension in the guy wire such that the boom is returned to completely level.
7. Attach the provided reducer over the swivel housing, the smooth elbow to the end of the boom, and the 3' section of flexible hose between them. NOTE: It is very important not to attach the reducer through the swivel assembly, as that will inhibit proper operation.
8. For systems with motorized hose reels follow the separate Installation Instructions for the Motorized Hose Reel (See Product Guide for TMHR hose reel).
9. For systems with automatic hose reels follow separate Installation Instructions for the Automatic Hose Reel (See Product Guide for HRA-DHRA hose reel).
10. Be sure to readjust the guy wire such that the boom is completely level after all the other accessories have been installed.
11. Rotate the boom to a desired position. It may be helpful to attach a rope or chain to the end of the boom to aid the user in the rotation of the boom.

OPERATION

Systems with TMHR

1. Rotate the boom to the desired location. Press and hold the DOWN button on the pushbutton station until the tailpipe adapter can be easily connected to the vehicle exhaust pipe.
2. Connect the adapter to the tailpipe. Open or close any applicable air shut-off devices (blast gates, quadrant dampers, etc.).
3. Turn on the exhaust fan.
4. After completing the vehicle service, turn off the exhaust fan. Disconnect the adapter from the tailpipe.
5. Close the shutoffs.
6. Press the UP button on the pushbutton station, and hold it down until the adapter rises to a safe height (generally, well above head level and the tops of vehicles).
7. Swing the swivel boom out of the work area.

Systems with HRA or DHRA

1. Grasp the pull cable or flexible hose firmly near the adapter. Keep a firm hold until the latching mechanism is engaged.
2. Slowly pull down on the flexible hose and bring the adapter down to the exhaust pipe. Allow for a few feet of slack in the hose.
3. Let the hose retract slightly until the latch mechanism on the reel engages. Be certain the mechanism engages before proceeding to step 5.

4. Connect the adapter to the vehicle exhaust pipe and release the flexible hose.
5. Open any applicable air shut-off devices and turn on the exhaust fan.

After service on the vehicle is completed:

6. Close the air shut-off devices and turn off the exhaust fan.
7. Disconnect the hose adapter from the vehicle exhaust pipe.
8. Again, keep a firm grip because the reel is under tension. Tug lightly on the cable or flexible hose until the latch mechanism releases.
9. Slowly allow hose to wrap onto the reel until it reaches the desired height. Engage the latching mechanism.
10. Rotate the boom to a safe area out of the work space.

MAINTENANCE

1. Routinely check the flexible hose for wear to ensure proper airflow. Replace if necessary.
2. Periodically check all of the cables for fraying and excessive wear. Closely inspect all the connections. If wear or fraying exists replace the cable and/or connectors.
3. Routinely check all the nuts, bolts, and connection hardware. Tighten or replace if necessary.
4. For the exhaust fan use the instructions provided by the manufacturer.
5. Lubricate the ball bearing swivel joints every 12 months or as necessary. Apply lubrication grease directly to the ball bearings.
6. The rigid duct requires no maintenance.
7. For problems not covered in these situations please contact your representative.



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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.