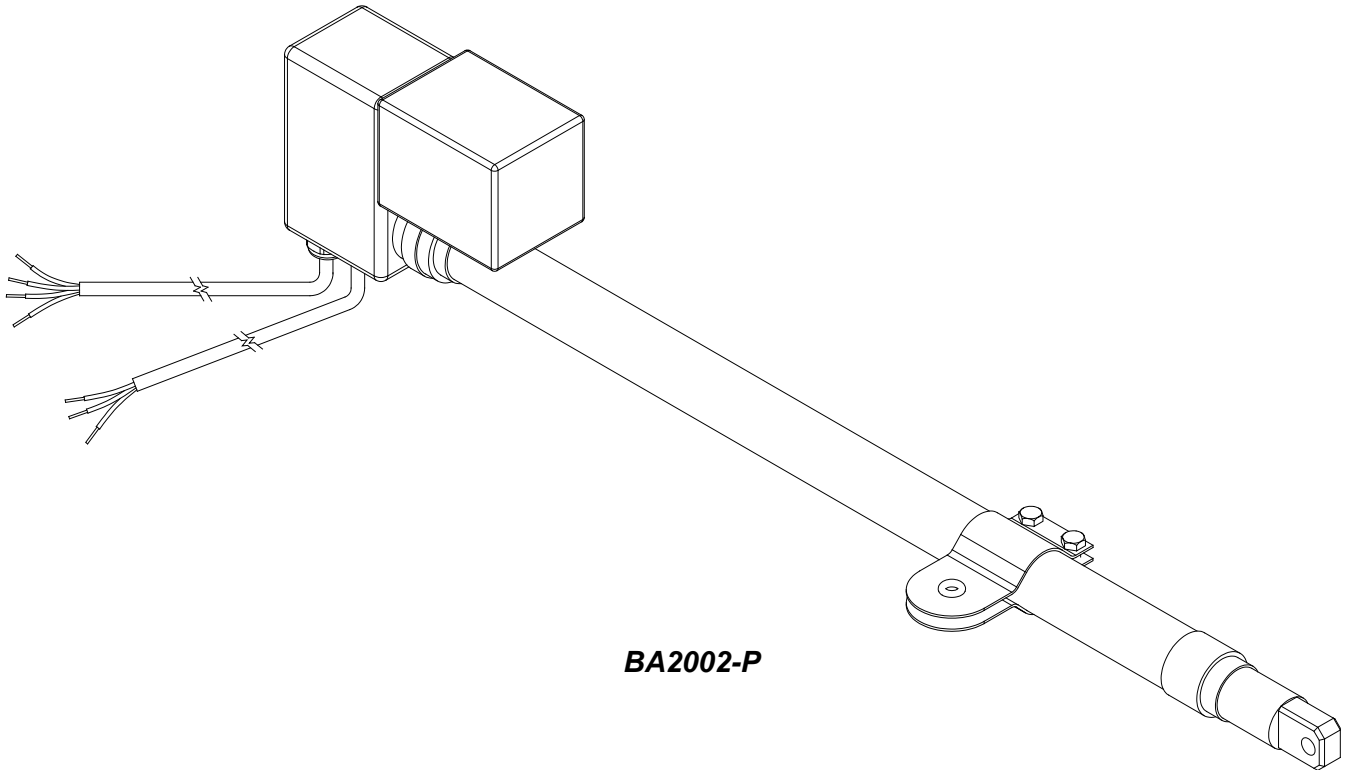


AC2410
(Must be ordered seperately)



BA2002-P

USER'S MANUAL and INSTALLATION GUIDE

TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
Unpacking the Equipment.....	3
Installation.....	4-5
Wiring Diagram	6
Open Travel Adjustment.....	7

THANK YOU

Thank you for purchasing an Aerotech Vent Machine. Aerotech equipment is designed to be the highest performing, highest quality equipment you can buy. With the proper installation and maintenance it will provide many years of service.

PLEASE NOTE

To achieve maximum performance and insure long life from your Aerotech product it is essential that it be installed and maintained properly. Please read all instructions carefully before beginning installation.

WARRANTY

For Warranty claims information see the "Warranty Claims and Return Policy" form QM1021 available from the Aerotech Ventilation System, Munters Corporation office at 1-800-227-2376 or by e-mail at aerotech@munters.com.

Conditions and Limitations:

- Products and Systems involved in a warranty claim under the "Warranty Claims and Return Policy" shall have been properly installed, maintained and operated under competent supervision, according to the instructions provided by Aerotech Ventilation Systems, Munters Corporation.
- Malfunction or failure resulting from misuse, abuse, negligence, alteration, accident or lack of proper installation or maintenance shall not be considered a defect under the Warranty.

UNPACKING THE EQUIPMENT

Before beginning installation, check the overall condition of the equipment. Remove packing materials, and examine all components for signs of shipping damage. Any shipping damage is the customer's responsibility and should be reported immediately to your freight carrier.

Each BA2002-P includes:

1-Actuator with potentiometer

AC2410 Mounting Bracket (MUST be ordered separately)

Each AC2410 includes:

1 - Main Mounting Bracket

1 - Hardware Package (HP1205):

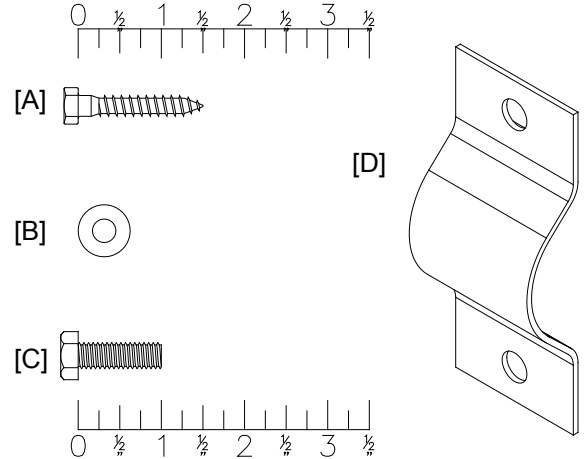
HP1205 for AC2410

[A]..... 3 - ¼" x 1.5" Hex Lag Screw, ZP

[B] 3 - ¼" Flat Washer, ZP

[C] 4 - 5/16" - 18 x 1" Hex Bolt, ZP

[D] 2 - Holding Clamp Bracket



Specifications:

Max Load: 600 lbs.

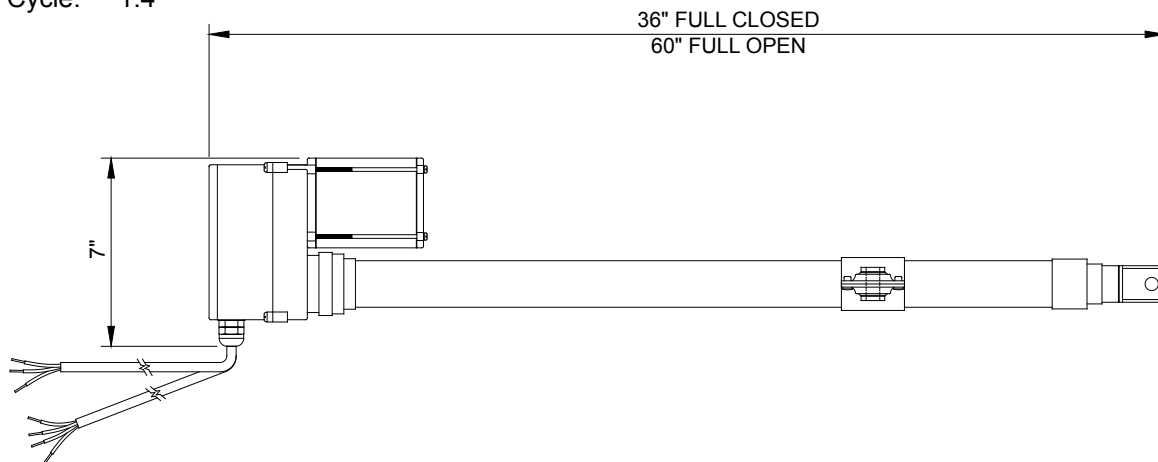
Speed: 14.88 in/min max

Travel: 24 inches

Power Rating: 120vac 60Hz 1.8amps

Weight: 23 lbs.

Duty Cycle: 1:4



INSTALLATION INSTRUCTIONS

Step 1

Place Main Mounting bracket on 2 x 6 in line with cables.

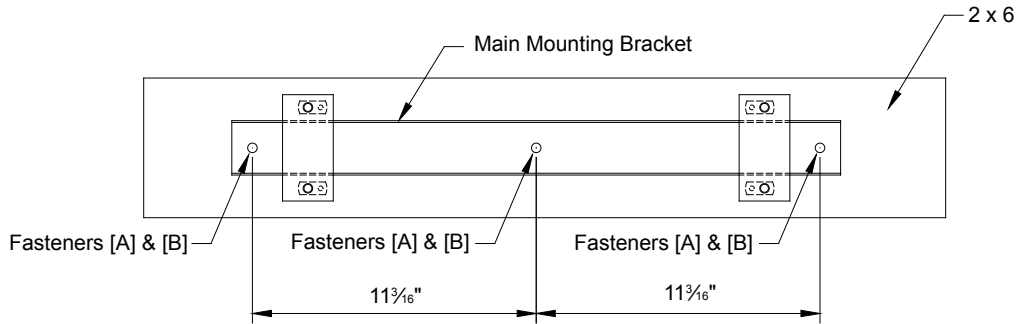
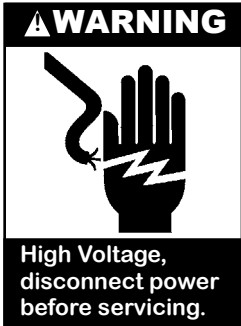
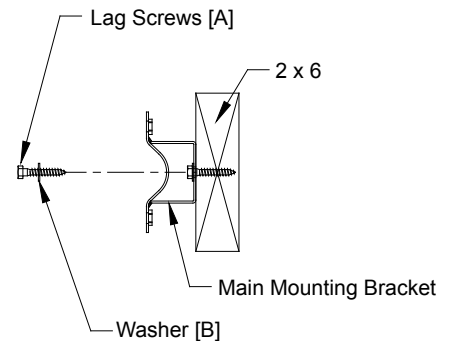


Figure 1

Step 2

Place three (3) 1/4" x 1.5" Lag Screws [A] (provided), with washers [B], into the bracket and secure to the 2 x 6.

See **Figure 1**.



Side View

Step 3

Place gold pivot bracket on shaft of actuator with pivot portion perpendicular to the motor. The bracket should be 25" from the bottom of the motor. See **Figure 2A** & **2B**. Tighten (2) 3/8" x 1.25 gold bolts, and to secure bracket on actuator shaft.

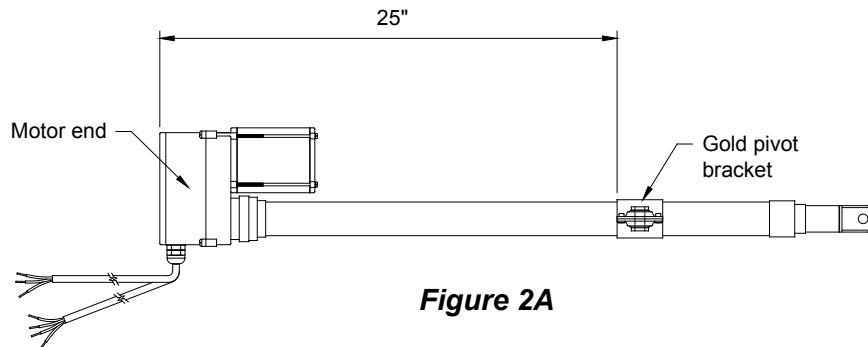


Figure 2A

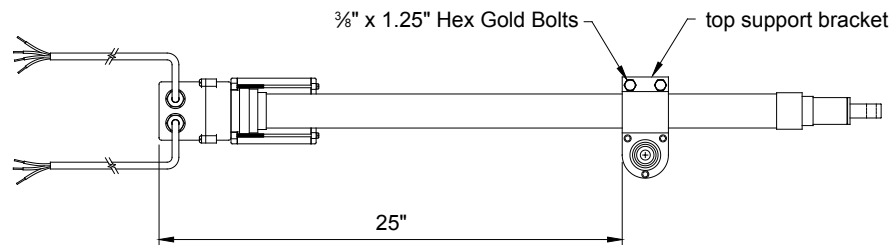


Figure 2B

Step 4

Once the pivot bracket is installed, the machine should be placed on the Main Mounting bracket with the pivot bracket directly beside the support bracket.

See Figure 3A. Secure the top support bracket to the bracket with two $\frac{5}{16}$ " - 18 x 1"L. Hex bolts [C]. **See Figure 3B.** Be sure pivot bracket is placed in the Main Mounting bracket as shown.

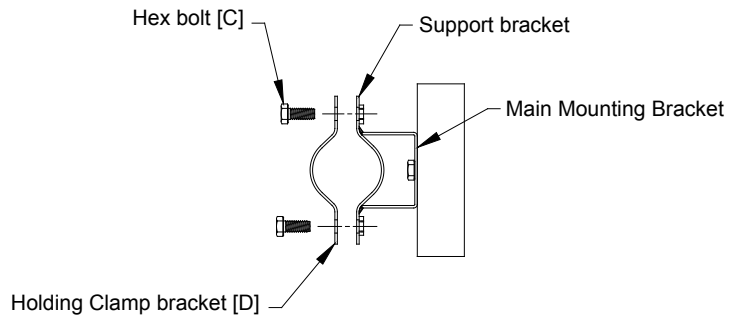


Figure 3B

Step 5

Secure the bottom support bracket to the back bracket with two with two $\frac{5}{16}$ " - 18 x 1"L. Hex bolts [C]. **See Figure 3A , 3B and 3C.**

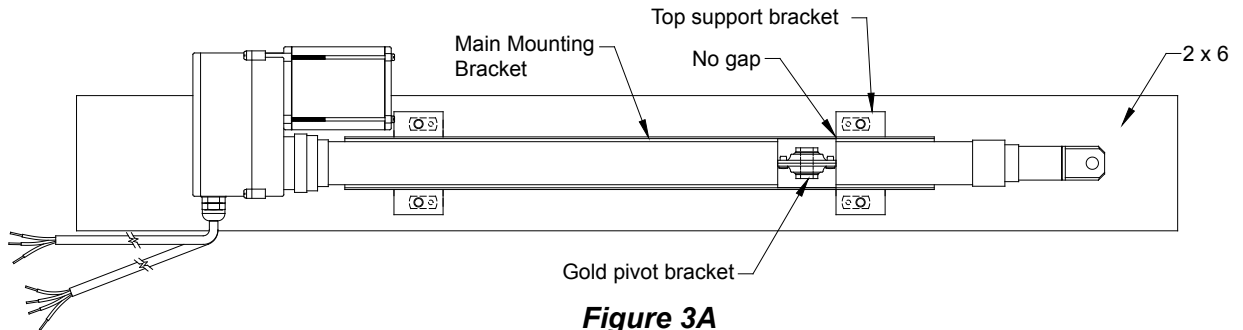


Figure 3A

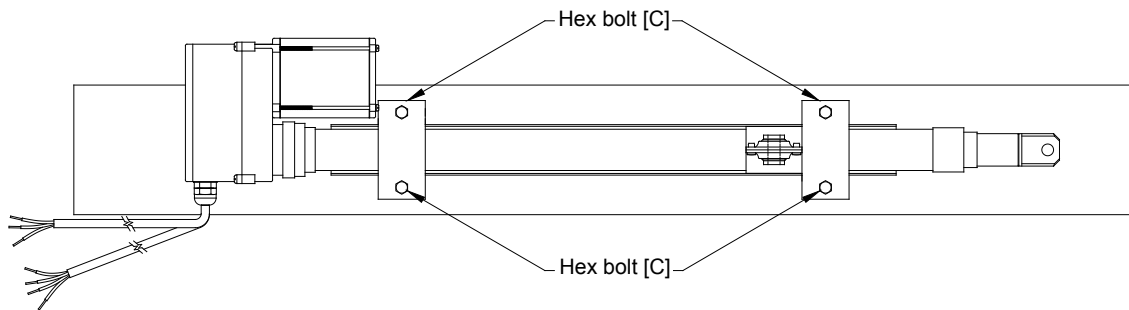


Figure 3C

Step 6

Loop main cable through hole in end of actuator and fasten to itself as shown in **Figure 4.**

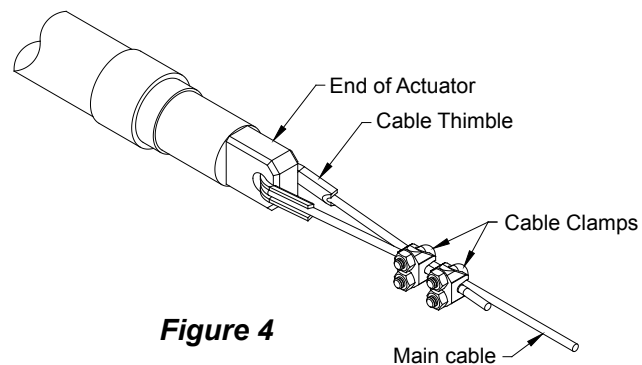


Figure 4

WIRING DIAGRAM

Step 7

Attach actuator wires to control as shown in **Figure 5**.

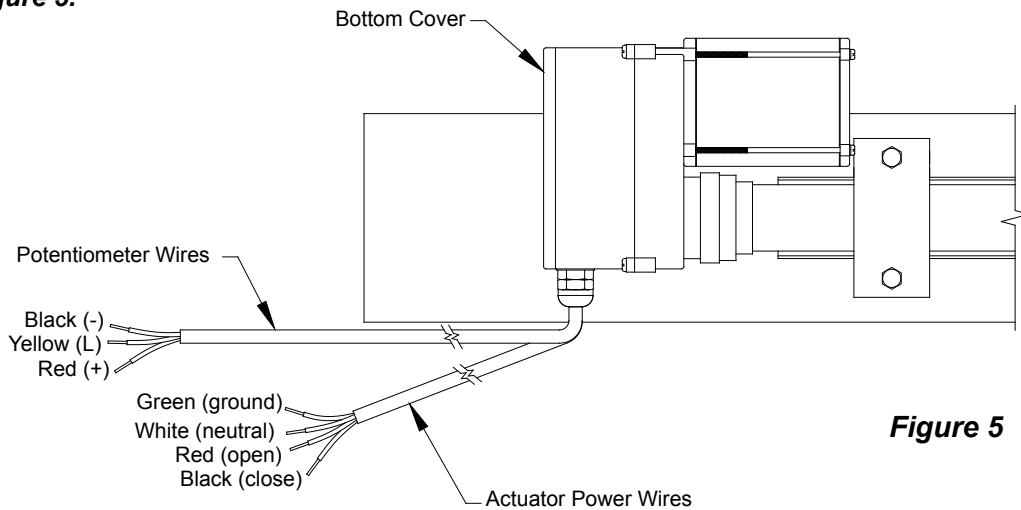


Figure 5

OPEN TRAVEL ADJUSTMENT

Step 1

Move actuator to full closed position.

Step 2

Disconnect power to the unit.

Step 3

Take off the bottom cover of actuator by removing 4 screws from the bottom cover. **See Figure 5**.

Step 4

After removing the screws, loosen the small screw in the center of the limit dial.

Step 5

After loosening the small screw in the center of the limit dial pull the limit dial past the two pegs and rotate to desired position. **See Figure 6**.

Note: top dial is rotated, bottom dial is always at full closed limit.

Step 6

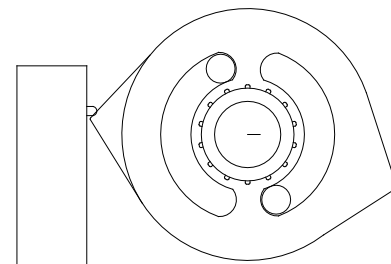
Once the limit dial is adjusted to the desired position, push back until you feel the teeth of the open limit switch engage into the teeth of the closed limit dial and retighten screw.

Step 7

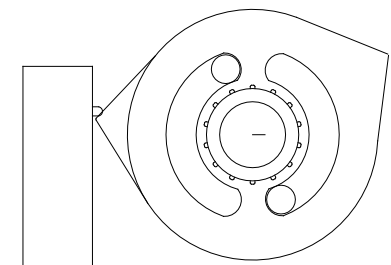
Put the bottom cover back on the actuator, tighten 4 screws and resume operation.

Note: Machine can be adjusted to finer increments than the pictures shown above. These are starting points for adjustment.

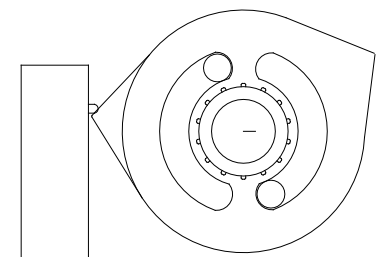
Note: The close position of the actuator is controlled by a fixed dial located behind the open dial and cannot be adjusted.



24" Travel Start Position



18" Travel Start Position



12" Travel Start Position

Figure 6

Munters Corporation

4215 Legion Dr. Mason, MI 48854-1036 USA
(517) 676-7070 Fax (517) 676-7078
www.munters.us/aerotech

FORM: QM1039

Rev. 2, July 2009

Page 6 of 6